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# 1.6 jackson 2.13.4

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# 1.7 tomcat 9.0.65

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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
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## 1.10 musl 1.2.2-r7

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#

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#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

src/bdf/bdf.c

src/bdf/bdf.h

src/bdf/bdfdrivr.c

src/bdf/bdfdrivr.h

src/bdf/bdferror.h

```
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
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src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
subprojects/dlg
#
# EOF
```

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* /opt/cola/permits/1424147589_1663873708.4147325/0/netty-resolver-4-1-82-final-sources-
jar/io/netty/resolver/AddressResolverGroup.java
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jar/io/netty/resolver/NoopAddressResolver.java
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jar/io/netty/resolver/package-info.java
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jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/cola/permits/1424147589_1663873708.4147325/0/netty-resolver-4-1-82-final-sources-
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## 1.16 zstd 1.5.0

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jar/org/springframework/aop/ThrowsAdvice.java

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jar/org/springframework/aop/config/AopConfigUtils.java
* /opt/cola/permits/1347859462_1655734791.7216063/0/spring-aop-5-3-21-sources-
jar/org/springframework/aop/TrueMethodMatcher.java
* /opt/cola/permits/1347859462_1655734791.7216063/0/spring-aop-5-3-21-sources-
jar/org/springframework/aop/aspectj/annotation/BeanFactoryAspectInstanceFactory.java
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* /opt/cola/permits/1347859462_1655734791.7216063/0/spring-aop-5-3-21-sources-
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jar/org/springframework/aop/aspectj/annotation/NotAnAtAspectException.java
* /opt/cola/permits/1347859462_1655734791.7216063/0/spring-aop-5-3-21-sources-
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* /opt/cola/permits/1347859462_1655734791.7216063/0/spring-aop-5-3-21-sources-
jar/org/springframework/aop/MethodBeforeAdvice.java
* /opt/cola/permits/1347859462_1655734791.7216063/0/spring-aop-5-3-21-sources-
jar/org/springframework/aop/framework/adapt/AdvisorAdapterRegistry.java
* /opt/cola/permits/1347859462_1655734791.7216063/0/spring-aop-5-3-21-sources-
jar/org/springframework/aop/framework/adapt/DefaultAdvisorAdapterRegistry.java
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jar/org/springframework/aop/RawTargetAccess.java

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- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/interceptor/AsyncUncaughtExceptionHandler.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/RootClassFilter.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/MethodMatcher.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/Pointcuts.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/MethodMatchers.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/ObjenesisCglibAopProxy.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/aopalliance/intercept/Interceptor.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/ClassFilter.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/ReflectiveMethodInvocation.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/NameMatchMethodPointcut.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/ClassFilters.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/TypePatternClassFilter.java
- \* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/ComposablePointcut.java

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\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/AspectInstanceFactory.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/config/AspectComponentDefinition.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/interceptor/PerformanceMonitorInterceptor.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/DelegatePerTargetObjectIntroductionInterceptor.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/annotation/LazySingletonAspectInstanceFactoryDecorator.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/autoprox/InfrastructureAdvisorAutoProxyCreator.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/Advisor.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/config/MethodLocatingFactoryBean.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/ExpressionPointcut.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/config/AbstractInterceptorDrivenBeanDefinitionDecorator.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/config/SimpleBeanFactoryAwareAspectInstanceFactory.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/AbstractExpressionPointcut.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/AspectJExpressionPointcutAdvisor.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/AbstractGenericPointcutAdvisor.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/AbstractPointcutAdvisor.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/annotation/AnnotationAwareAspectJAutoProxyCreator.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/DefaultBeanFactoryPointcutAdvisor.java  
\* /opt/cola/permits/1347859462\_1655734791.7216063/0/spring-aop-5-3-21-sources-jar/org/springframework/aop/support/DefaultPointcutAdvisor.java

## 1.19 spring-security-config 5.6.7

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# 1.20 failureaccess 1.0.1

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\* /opt/cola/permits/1349013147\_1655879756.6643403/0/failureaccess-1-0-1-sources-4-  
jar/com/google/common/util/concurrent/internal/InternalFutures.java

\* /opt/cola/permits/1349013147\_1655879756.6643403/0/failureaccess-1-0-1-sources-4-  
jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java

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# 1.22 jcip-annotation 1.0 1

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\* /opt/ws\_local/PERMITS\_SQL/1013822089\_1591370825.53/0/jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/ThreadSafe.java  
\* /opt/ws\_local/PERMITS\_SQL/1013822089\_1591370825.53/0/jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/GuardedBy.java  
\* /opt/ws\_local/PERMITS\_SQL/1013822089\_1591370825.53/0/jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/Immutable.java

## 1.23 spring-jdbc 5.3.23

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## 1.25 ca-certificates 20220614-r0

### 1.25.1 Available under license :

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

```
/* c_rehash.c - Create hash symlinks for certificates
 * C implementation based on the original Perl and shell versions
 *
 * Copyright (c) 2013-2014 Timo Teräs <timo.teras@iki.fi>
 * All rights reserved.
 *
 * This software is licensed under the MIT License.
 * Full license available at: http://opensource.org/licenses/MIT
 */
```

Found in path(s):

```
*/opt/cola/permits/1376394069_1659497040.3993607/0/ca-certificates-20220614-tar-bz2/ca-certificates-20220614/c_rehash.c
```

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

```
#
# This Source Code Form is subject to the terms of the Mozilla Public
# License, v. 2.0. If a copy of the MPL was not distributed with this
# file, You can obtain one at http://mozilla.org/MPL/2.0/.
#
# certdata.txt
#
# This file contains the object definitions for the certs and other
# information "built into" NSS.
#
# Object definitions:
#
# Certificates
#
# -- Attribute --      -- type --      -- value --
# CKA_CLASS             CK_OBJECT_CLASS   CKO_CERTIFICATE
# CKA_TOKEN              CK_BBOOL         CK_TRUE
```

```

# CKA_PRIVATE          CK_BBOOL      CK_FALSE
# CKA_MODIFIABLE      CK_BBOOL      CK_FALSE
# CKA_LABEL           UTF8          (varies)
# CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# CKA_SUBJECT         DER+base64    (varies)
# CKA_ID              byte array    (varies)
# CKA_ISSUER          DER+base64    (varies)
# CKA_SERIAL_NUMBER   DER+base64    (varies)
# CKA_VALUE           DER+base64    (varies)
# CKA_NSS_EMAIL       ASCII7        (unused here)
# CKA_NSS_SERVER_DISTRUST_AFTER DER+base64    (varies)
# CKA_NSS_EMAIL_DISTRUST_AFTER DER+base64    (varies)
#
# Trust
#
# -- Attribute --      -- type --      -- value --
# CKA_CLASS            CK_OBJECT_CLASS CKO_TRUST
# CKA_TOKEN            CK_BBOOL      CK_TRUE
# CKA_PRIVATE          CK_BBOOL      CK_FALSE
# CKA_MODIFIABLE      CK_BBOOL      CK_FALSE
# CKA_LABEL           UTF8          (varies)
# CKA_ISSUER          DER+base64    (varies)
# CKA_SERIAL_NUMBER   DER+base64    (varies)
# CKA_CERT_HASH       binary+base64  (varies)
# CKA_EXPIRES         CK_DATE       (not used here)
# CKA_TRUST_DIGITAL_SIGNATURE CK_TRUST      (varies)
# CKA_TRUST_NON_REPUDIATION CK_TRUST      (varies)
# CKA_TRUST_KEY_ENCIPHERMENT CK_TRUST      (varies)
# CKA_TRUST_DATA_ENCIPHERMENT CK_TRUST      (varies)
# CKA_TRUST_KEY_AGREEMENT CK_TRUST      (varies)
# CKA_TRUST_KEY_CERT_SIGN CK_TRUST      (varies)
# CKA_TRUST_CRL_SIGN CK_TRUST      (varies)
# CKA_TRUST_SERVER_AUTH CK_TRUST      (varies)
# CKA_TRUST_CLIENT_AUTH CK_TRUST      (varies)
# CKA_TRUST_CODE_SIGNING CK_TRUST      (varies)
# CKA_TRUST_EMAIL_PROTECTION CK_TRUST      (varies)
# CKA_TRUST_IPSEC_END_SYSTEM CK_TRUST      (varies)
# CKA_TRUST_IPSEC_TUNNEL CK_TRUST      (varies)
# CKA_TRUST_IPSEC_USER CK_TRUST      (varies)
# CKA_TRUST_TIME_STAMPING CK_TRUST      (varies)
# CKA_TRUST_STEP_UP_APPROVED CK_BBOOL      (varies)
# (other trust attributes can be defined)
#
#
# The object to tell NSS that this is a root list and we don't
# have to go looking for others.
#

```

```

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

#
# Certificate "GlobalSign Root CA"
#
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Serial Number:04:00:00:00:00:01:15:4b:5a:c3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
# Fingerprint (SHA-256):
EB:D4:10:40:E4:BB:3E:C7:42:C9:E3:81:D3:1E:F2:A4:1A:48:B6:68:5C:96:E7:CE:F3:C1:DF:6C:D4:33:1C:99
# Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\025\113\132\303\224
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\165\060\202\002\135\240\003\002\001\002\002\013\004
\000\000\000\000\001\025\113\132\303\224\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\060\127\061\013\060\011\006

```

\003\125\004\006\023\002\102\105\061\031\060\027\006\003\125\004  
\012\023\020\107\154\157\142\141\154\123\151\147\156\040\156\166  
\055\163\141\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\033\060\031\006\003\125\004\003\023\022  
\107\154\157\142\141\154\123\151\147\156\040\122\157\157\164\040  
\103\101\060\036\027\015\071\070\060\071\060\061\061\062\060\060  
\060\060\132\027\015\062\070\060\061\062\070\061\062\060\060\060  
\060\132\060\127\061\013\060\011\006\003\125\004\006\023\002\102  
\105\061\031\060\027\006\003\125\004\012\023\020\107\154\157\142  
\141\154\123\151\147\156\040\156\166\055\163\141\061\020\060\016  
\006\003\125\004\013\023\007\122\157\157\164\040\103\101\061\033  
\060\031\006\003\125\004\003\023\022\107\154\157\142\141\154\123  
\151\147\156\040\122\157\157\164\040\103\101\060\202\001\042\060  
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202  
\001\017\000\060\202\001\012\002\202\001\001\000\332\016\346\231  
\215\316\243\343\117\212\176\373\361\213\203\045\153\352\110\037  
\361\052\260\271\225\021\004\275\360\143\321\342\147\146\317\034  
\335\317\033\110\053\356\215\211\216\232\257\051\200\145\253\351  
\307\055\022\313\253\034\114\160\007\241\075\012\060\315\025\215  
\117\370\335\324\214\120\025\034\357\120\356\304\056\367\374\351  
\122\362\221\175\340\155\325\065\060\216\136\103\163\362\101\351  
\325\152\343\262\211\072\126\071\070\157\006\074\210\151\133\052  
\115\305\247\124\270\154\211\314\233\371\074\312\345\375\211\365  
\022\074\222\170\226\326\334\164\156\223\104\141\321\215\307\106  
\262\165\016\206\350\031\212\325\155\154\325\170\026\225\242\351  
\310\012\070\353\362\044\023\117\163\124\223\023\205\072\033\274  
\036\064\265\213\005\214\271\167\213\261\333\037\040\221\253\011  
\123\156\220\316\173\067\164\271\160\107\221\042\121\143\026\171  
\256\261\256\101\046\010\310\031\053\321\106\252\110\326\144\052  
\327\203\064\377\054\052\301\154\031\103\112\007\205\347\323\174  
\366\041\150\357\352\362\122\237\177\223\220\317\002\003\001\000  
\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004  
\024\140\173\146\032\105\015\227\312\211\120\057\175\004\315\064  
\250\377\374\375\113\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\003\202\001\001\000\326\163\347\174\117\166\320  
\215\277\354\272\242\276\064\305\050\062\265\174\374\154\234\054  
\053\275\011\236\123\277\153\136\252\021\110\266\345\010\243\263  
\312\075\141\115\323\106\011\263\076\303\240\343\143\125\033\362  
\272\357\255\071\341\103\271\070\243\346\057\212\046\073\357\240  
\120\126\371\306\012\375\070\315\304\013\160\121\224\227\230\004  
\337\303\137\224\325\025\311\024\101\234\304\135\165\144\025\015  
\377\125\060\354\206\217\377\015\357\054\271\143\106\366\252\374  
\337\274\151\375\056\022\110\144\232\340\225\360\246\357\051\217  
\001\261\025\265\014\035\245\376\151\054\151\044\170\036\263\247  
\034\161\142\356\312\310\227\254\027\135\212\302\370\107\206\156  
\052\304\126\061\225\320\147\211\205\053\371\154\246\135\106\235

```
\014\252\202\344\231\121\335\160\267\333\126\075\141\344\152\341
\134\326\366\376\075\336\101\314\007\256\143\122\277\123\123\364
\053\351\307\375\266\367\202\137\205\322\101\030\333\201\263\004
\034\305\037\244\200\157\025\040\311\336\014\210\012\035\326\146
\125\342\374\110\311\051\046\151\340
```

END

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

```
# Trust for "GlobalSign Root CA"
```

```
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
```

```
# Serial Number:04:00:00:00:00:01:15:4b:5a:c3:94
```

```
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
```

```
# Not Valid Before: Tue Sep 01 12:00:00 1998
```

```
# Not Valid After : Fri Jan 28 12:00:00 2028
```

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

```
EB:D4:10:40:E4:BB:3E:C7:42:C9:E3:81:D3:1E:F2:A4:1A:48:B6:68:5C:96:E7:CE:F3:C1:DF:6C:D4:33:1C:99
```

```
# Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\261\274\226\213\324\364\235\142\052\250\232\201\362\025\001\122
\244\035\202\234
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\076\105\122\025\011\121\222\341\267\135\067\237\261\207\051\212
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\013\004\000\000\000\000\001\025\113\132\303\224
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "Verisign Class 1 Public Primary Certification Authority - G3"
#
# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (SHA-256):
CB:B5:AF:18:5E:94:2A:24:02:F9:EA:CB:C0:ED:5B:B8:76:EE:A3:C1:22:36:23:D0:04:47:E4:F3:BA:55:4B:65
# Fingerprint (SHA1): 20:42:85:DC:F7:EB:76:41:95:57:8E:13:6B:D4:B7:D1:E9:8E:46:A5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\032\060\202\003\002\002\021\000\213\133\165\126\204  
\124\205\013\000\317\257\070\110\316\261\244\060\015\006\011\052  
\206\110\206\367\015\001\001\005\005\000\060\201\312\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003  
\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040\111  
\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126\145  
\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145\164  
\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061\050  
\143\051\040\061\071\071\071\040\126\145\162\151\123\151\147\156  
\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165\164  
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171  
\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151\123  
\151\147\156\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\063\060\036\027\015\071\071\061\060\060  
\061\060\060\060\060\060\060\132\027\015\063\066\060\067\061\066  
\062\063\065\071\065\071\132\060\201\312\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012  
\023\016\126\145\162\151\123\151\147\156\054\040\111\156\143\056  
\061\037\060\035\006\003\125\004\013\023\026\126\145\162\151\123  
\151\147\156\040\124\162\165\163\164\040\116\145\164\167\157\162  
\153\061\072\060\070\006\003\125\004\013\023\061\050\143\051\040  
\061\071\071\071\040\126\145\162\151\123\151\147\156\054\040\111  
\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060  
\103\006\003\125\004\003\023\074\126\145\162\151\123\151\147\156  
\040\103\154\141\163\163\040\061\040\120\165\142\154\151\143\040  
\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\335\204\324\271\264\371\247\330\363\004\170  
\234\336\075\334\154\023\026\331\172\335\044\121\146\300\307\046  
\131\015\254\006\010\302\224\321\063\037\360\203\065\037\156\033  
\310\336\252\156\025\116\124\047\357\304\155\032\354\013\343\016  
\360\104\245\127\307\100\130\036\243\107\037\161\354\140\366\155  
\224\310\030\071\355\376\102\030\126\337\344\114\111\020\170\116  
\001\166\065\143\022\066\335\146\274\001\004\066\243\125\150\325  
\242\066\011\254\253\041\046\124\006\255\077\312\024\340\254\312  
\255\006\035\225\342\370\235\361\340\140\377\302\177\165\053\114  
\314\332\376\207\231\041\352\272\376\076\124\327\322\131\170\333

\074\156\317\240\023\000\032\270\047\241\344\276\147\226\312\240  
\305\263\234\335\311\165\236\353\060\232\137\243\315\331\256\170  
\031\077\043\351\134\333\051\275\255\125\310\033\124\214\143\366  
\350\246\352\307\067\022\134\243\051\036\002\331\333\037\073\264  
\327\017\126\107\201\025\004\112\257\203\047\321\305\130\210\301  
\335\366\252\247\243\030\332\150\252\155\021\121\341\277\145\153  
\237\226\166\321\075\002\003\001\000\001\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\253\146  
\215\327\263\272\307\232\266\346\125\320\005\361\237\061\215\132  
\252\331\252\106\046\017\161\355\245\255\123\126\142\001\107\052  
\104\351\376\077\164\013\023\233\271\364\115\033\262\321\137\262  
\266\322\210\134\263\237\315\313\324\247\331\140\225\204\072\370  
\301\067\035\141\312\347\260\305\345\221\332\124\246\254\061\201  
\256\227\336\315\010\254\270\300\227\200\177\156\162\244\347\151  
\023\225\145\037\304\223\074\375\171\217\004\324\076\117\352\367  
\236\316\315\147\174\117\145\002\377\221\205\124\163\307\377\066  
\367\206\055\354\320\136\117\377\021\237\162\006\326\270\032\361  
\114\015\046\145\342\104\200\036\307\237\343\335\350\012\332\354  
\245\040\200\151\150\241\117\176\341\153\317\007\101\372\203\216  
\274\070\335\260\056\021\261\153\262\102\314\232\274\371\110\042  
\171\112\031\017\262\034\076\040\164\331\152\303\276\362\050\170  
\023\126\171\117\155\120\352\033\260\265\127\261\067\146\130\043  
\363\334\017\337\012\207\304\357\206\005\325\070\024\140\231\243  
\113\336\006\226\161\054\362\333\266\037\244\357\077\356

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

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

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER MULTILINE\_OCTAL

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

END

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

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\040\102\205\334\367\353\166\101\225\127\216\023\153\324\267\321  
\351\216\106\245  
END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\261\107\274\030\127\321\030\240\170\055\354\161\350\052\225\163  
END

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

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110  
\316\261\244  
END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#  
# Certificate "Verisign Class 2 Public Primary Certification Authority - G3"  
#  
# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US  
# Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a  
# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US  
# Not Valid Before: Fri Oct 01 00:00:00 1999  
# Not Valid After : Wed Jul 16 23:59:59 2036  
# Fingerprint (SHA-256):  
92:A9:D9:83:3F:E1:94:4D:B3:66:E8:BF:AE:7A:95:B6:48:0C:2D:6C:6C:2A:1B:E6:5D:42:36:B6:08:FC:A1:BB  
# Fingerprint (SHA1): 61:EF:43:D7:7F:CA:D4:61:51:BC:98:E0:C3:59:12:AF:9F:EB:63:11  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_VALUE MULTILINE\_OCTAL

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

\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061  
\105\060\103\006\003\125\004\003\023\074\126\145\162\151\123\151  
\147\156\040\103\154\141\163\163\040\062\040\120\165\142\154\151  
\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\040\055\040\107\063\060\036\027\015\071\071\061\060\060\061  
\060\060\060\060\060\060\132\027\015\063\066\060\067\061\066\062  
\063\065\071\065\071\132\060\201\312\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012\023  
\016\126\145\162\151\123\151\147\156\054\040\111\156\143\056\061  
\037\060\035\006\003\125\004\013\023\026\126\145\162\151\123\151  
\147\156\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
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\071\071\071\040\126\145\162\151\123\151\147\156\054\040\111\156  
\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151  
\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060\103  
\006\003\125\004\003\023\074\126\145\162\151\123\151\147\156\040  
\103\154\141\163\163\040\062\040\120\165\142\154\151\143\040\120  
\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055  
\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\257\012\015\302\325\054\333\147\271\055\345\224  
\047\335\245\276\340\260\115\217\263\141\126\074\326\174\303\364  
\315\076\206\313\242\210\342\341\330\244\151\305\265\342\277\301  
\246\107\120\136\106\071\213\325\226\272\265\157\024\277\020\316  
\047\023\236\005\107\233\061\172\023\330\037\331\323\002\067\213  
\255\054\107\360\216\201\006\247\015\060\014\353\367\074\017\040  
\035\334\162\106\356\245\002\310\133\303\311\126\151\114\305\030  
\301\221\173\013\325\023\000\233\274\357\303\110\076\106\140\040  
\205\052\325\220\266\315\213\240\314\062\335\267\375\100\125\262  
\120\034\126\256\314\215\167\115\307\040\115\247\061\166\357\150  
\222\212\220\036\010\201\126\262\255\151\243\122\320\313\034\304  
\043\075\037\231\376\114\350\026\143\216\306\010\216\366\061\366  
\322\372\345\166\335\265\034\222\243\111\315\315\001\315\150\315  
\251\151\272\243\353\035\015\234\244\040\246\301\240\305\321\106  
\114\027\155\322\254\146\077\226\214\340\204\324\066\377\042\131  
\305\371\021\140\250\137\004\175\362\032\366\045\102\141\017\304  
\112\270\076\211\002\003\001\000\001\060\015\006\011\052\206\110  
\206\367\015\001\001\005\005\000\003\202\001\001\000\064\046\025  
\074\300\215\115\103\111\035\275\351\041\222\327\146\234\267\336  
\305\270\320\344\135\137\166\042\300\046\371\204\072\072\371\214  
\265\373\354\140\361\350\316\004\260\310\335\247\003\217\060\363  
\230\337\244\346\244\061\337\323\034\013\106\334\162\040\077\256  
\356\005\074\244\063\077\013\071\254\160\170\163\113\231\053\337  
\060\302\124\260\250\073\125\241\376\026\050\315\102\275\164\156  
\200\333\047\104\247\316\104\135\324\033\220\230\015\036\102\224  
\261\000\054\004\320\164\243\002\005\042\143\143\315\203\265\373

```
\301\155\142\153\151\165\375\135\160\101\271\365\277\174\337\276
\301\062\163\042\041\213\130\201\173\025\221\172\272\343\144\110
\260\177\373\066\045\332\225\320\361\044\024\027\335\030\200\153
\106\043\071\124\365\216\142\011\004\035\224\220\246\233\346\045
\342\102\105\252\270\220\255\276\010\217\251\013\102\030\224\317
\162\071\341\261\103\340\050\317\267\347\132\154\023\153\111\263
\377\343\030\174\211\213\063\135\254\063\327\247\371\332\072\125
\311\130\020\371\252\357\132\266\317\113\113\337\052
```

END

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

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

```
CKA_NSS_EMAIL_DISTRICT_AFTER MULTILINE_OCTAL
```

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

END

# Trust for "Verisign Class 2 Public Primary Certification Authority - G3"

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

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

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\141\357\103\327\177\312\324\141\121\274\230\340\303\131\022\257
\237\353\143\021
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\370\276\304\143\042\311\250\106\164\213\270\035\036\112\053\366
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

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

```
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

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

#

# Certificate "Entrust.net Premium 2048 Secure Server CA"

#

# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS\_2048 incorp. by ref. (limits liab.),O=Entrust.net

# Serial Number: 946069240 (0x3863def8)

# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS\_2048 incorp. by ref. (limits liab.),O=Entrust.net

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\052\060\202\003\022\240\003\002\001\002\002\004\070  
\143\336\370\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\060\201\264\061\024\060\022\006\003\125\004\012\023\013  
\105\156\164\162\165\163\164\056\156\145\164\061\100\060\076\006  
\003\125\004\013\024\067\167\167\167\056\145\156\164\162\165\163  
\164\056\156\145\164\057\103\120\123\137\062\060\064\070\040\151  
\156\143\157\162\160\056\040\142\171\040\162\145\146\056\040\050  
\154\151\155\151\164\163\040\154\151\141\142\056\051\061\045\060  
\043\006\003\125\004\013\023\034\050\143\051\040\061\071\071\071  
\040\105\156\164\162\165\163\164\056\156\145\164\040\114\151\155  
\151\164\145\144\061\063\060\061\006\003\125\004\003\023\052\105  
\156\164\162\165\163\164\056\156\145\164\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\050\062\060\064\070\051\060\036\027\015\071\071\061  
\062\062\064\061\067\065\060\065\061\132\027\015\062\071\060\067  
\062\064\061\064\061\065\061\062\132\060\201\264\061\024\060\022  
\006\003\125\004\012\023\013\105\156\164\162\165\163\164\056\156  
\145\164\061\100\060\076\006\003\125\004\013\024\067\167\167\167  
\056\145\156\164\162\165\163\164\056\156\145\164\057\103\120\123  
\137\062\060\064\070\040\151\156\143\157\162\160\056\040\142\171  
\040\162\145\146\056\040\050\154\151\155\151\164\163\040\154\151  
\141\142\056\051\061\045\060\043\006\003\125\004\013\023\034\050  
\143\051\040\061\071\071\071\040\105\156\164\162\165\163\164\056  
\156\145\164\040\114\151\155\151\164\145\144\061\063\060\061\006  
\003\125\004\003\023\052\105\156\164\162\165\163\164\056\156\145  
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\040\050\062\060\064\070\051  
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001

\000\255\115\113\251\022\206\262\352\243\040\007\025\026\144\052  
\053\113\321\277\013\112\115\216\355\200\166\245\147\267\170\100  
\300\163\102\310\150\300\333\123\053\335\136\270\166\230\065\223  
\213\032\235\174\023\072\016\037\133\267\036\317\345\044\024\036  
\261\201\251\215\175\270\314\153\113\003\361\002\014\334\253\245  
\100\044\000\177\164\224\241\235\010\051\263\210\013\365\207\167  
\235\125\315\344\303\176\327\152\144\253\205\024\206\225\133\227  
\062\120\157\075\310\272\146\014\343\374\275\270\111\301\166\211  
\111\031\375\300\250\275\211\243\147\057\306\237\274\161\031\140  
\270\055\351\054\311\220\166\146\173\224\342\257\170\326\145\123  
\135\074\326\234\262\317\051\003\371\057\244\120\262\324\110\316  
\005\062\125\212\375\262\144\114\016\344\230\007\165\333\177\337  
\271\010\125\140\205\060\051\371\173\110\244\151\206\343\065\077  
\036\206\135\172\172\025\275\357\000\216\025\042\124\027\000\220  
\046\223\274\016\111\150\221\277\370\107\323\235\225\102\301\016  
\115\337\157\046\317\303\030\041\142\146\103\160\326\325\300\007  
\341\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\125\344\201\321\021\200\276\330\211\271  
\010\243\061\371\241\044\011\026\271\160\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\073\233  
\217\126\233\060\347\123\231\174\172\171\247\115\227\327\031\225  
\220\373\006\037\312\063\174\106\143\217\226\146\044\372\100\033  
\041\047\312\346\162\163\362\117\376\061\231\375\310\014\114\150  
\123\306\200\202\023\230\372\266\255\332\135\075\361\316\156\366  
\025\021\224\202\014\356\077\225\257\021\253\017\327\057\336\037  
\003\217\127\054\036\311\273\232\032\104\225\353\030\117\246\037  
\315\175\127\020\057\233\004\011\132\204\265\156\330\035\072\341  
\326\236\321\154\171\136\171\034\024\305\343\320\114\223\073\145  
\074\355\337\075\276\246\345\225\032\303\265\031\303\275\136\133  
\273\377\043\357\150\031\313\022\223\047\134\003\055\157\060\320  
\036\266\032\254\336\132\367\321\252\250\047\246\376\171\201\304  
\171\231\063\127\272\022\260\251\340\102\154\223\312\126\336\376  
\155\204\013\010\213\176\215\352\327\230\041\306\363\347\074\171  
\057\136\234\321\114\025\215\341\354\042\067\314\232\103\013\227  
\334\200\220\215\263\147\233\157\110\010\025\126\317\277\361\053  
\174\136\232\166\351\131\220\305\174\203\065\021\145\121

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

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

# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net

Limited,OU=www.entrust.net/CPS\_2048 incorp. by ref. (limits liab.),O=Entrust.net

# Serial Number: 946069240 (0x3863def8)

# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net

```
Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Not Valid Before: Fri Dec 24 17:50:51 1999
# Not Valid After : Tue Jul 24 14:15:12 2029
# Fingerprint (SHA-256):
6D:C4:71:72:E0:1C:BC:B0:BF:62:58:0D:89:5F:E2:B8:AC:9A:D4:F8:73:80:1E:0C:10:B9:C8:37:D2:1E:B1:77
# Fingerprint (SHA1): 50:30:06:09:1D:97:D4:F5:AE:39:F7:CB:E7:92:7D:7D:65:2D:34:31
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\120\060\006\011\035\227\324\365\256\071\367\313\347\222\175\175
\145\055\064\061
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\356\051\061\274\062\176\232\346\350\265\367\121\264\064\161\220
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\070\143\336\370
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Baltimore CyberTrust Root"
#
# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Serial Number: 33554617 (0x20000b9)
# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Not Valid Before: Fri May 12 18:46:00 2000
# Not Valid After : Mon May 12 23:59:00 2025
```

```
# Fingerprint (SHA-256):
16:AF:57:A9:F6:76:B0:AB:12:60:95:AA:5E:BA:DE:F2:2A:B3:11:19:D6:44:AC:95:CD:4B:93:DB:F3:F2:6A:EB
# Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Baltimore CyberTrust Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\002\000\000\271
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\004\002
\000\000\271\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\111
\105\061\022\060\020\006\003\125\004\012\023\011\102\141\154\164
\151\155\157\162\145\061\023\060\021\006\003\125\004\013\023\012
\103\171\142\145\162\124\162\165\163\164\061\042\060\040\006\003
\125\004\003\023\031\102\141\154\164\151\155\157\162\145\040\103
\171\142\145\162\124\162\165\163\164\040\122\157\157\164\060\036
\027\015\060\060\060\065\061\062\061\070\064\066\060\060\132\027
\015\062\065\060\065\061\062\062\063\065\071\060\060\132\060\132
\061\013\060\011\006\003\125\004\006\023\002\111\105\061\022\060
\020\006\003\125\004\012\023\011\102\141\154\164\151\155\157\162
\145\061\023\060\021\006\003\125\004\013\023\012\103\171\142\145
\162\124\162\165\163\164\061\042\060\040\006\003\125\004\003\023
\031\102\141\154\164\151\155\157\162\145\040\103\171\142\145\162
\124\162\165\163\164\040\122\157\157\164\060\202\001\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\017\000\060\202\001\012\002\202\001\001\000\243\004\273\042\253
```

\230\075\127\350\046\162\232\265\171\324\051\342\341\350\225\200  
\261\260\343\133\216\053\051\232\144\337\241\135\355\260\011\005  
\155\333\050\056\316\142\242\142\376\264\210\332\022\353\070\353  
\041\235\300\101\053\001\122\173\210\167\323\034\217\307\272\271  
\210\265\152\011\347\163\350\021\100\247\321\314\312\142\215\055  
\345\217\013\246\120\322\250\120\303\050\352\365\253\045\207\212  
\232\226\034\251\147\270\077\014\325\367\371\122\023\057\302\033  
\325\160\160\360\217\300\022\312\006\313\232\341\331\312\063\172  
\167\326\370\354\271\361\150\104\102\110\023\322\300\302\244\256  
\136\140\376\266\246\005\374\264\335\007\131\002\324\131\030\230  
\143\365\245\143\340\220\014\175\135\262\006\172\363\205\352\353  
\324\003\256\136\204\076\137\377\025\355\151\274\371\071\066\162  
\165\317\167\122\115\363\311\220\054\271\075\345\311\043\123\077  
\037\044\230\041\134\007\231\051\275\306\072\354\347\156\206\072  
\153\227\164\143\063\275\150\030\061\360\170\215\166\277\374\236  
\216\135\052\206\247\115\220\334\047\032\071\002\003\001\000\001  
\243\105\060\103\060\035\006\003\125\035\016\004\026\004\024\345  
\235\131\060\202\107\130\314\254\372\010\124\066\206\173\072\265  
\004\115\360\060\022\006\003\125\035\023\001\001\377\004\010\060  
\006\001\001\377\002\001\003\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\001\001\000\205\014\135\216\344  
\157\121\150\102\005\240\335\273\117\047\045\204\003\275\367\144  
\375\055\327\060\343\244\020\027\353\332\051\051\266\171\077\166  
\366\031\023\043\270\020\012\371\130\244\324\141\160\275\004\141  
\152\022\212\027\325\012\275\305\274\060\174\326\351\014\045\215  
\206\100\117\354\314\243\176\070\306\067\021\117\355\335\150\061  
\216\114\322\263\001\164\356\276\165\136\007\110\032\177\160\377  
\026\134\204\300\171\205\270\005\375\177\276\145\021\243\017\300  
\002\264\370\122\067\071\004\325\251\061\172\030\277\240\052\364  
\022\231\367\243\105\202\343\074\136\365\235\236\265\310\236\174  
\056\310\244\236\116\010\024\113\155\375\160\155\153\032\143\275  
\144\346\037\267\316\360\362\237\056\273\033\267\362\120\210\163  
\222\302\342\343\026\215\232\062\002\253\216\030\335\351\020\021  
\356\176\065\253\220\257\076\060\224\172\320\063\075\247\145\017  
\365\374\216\236\142\317\107\104\054\001\135\273\035\265\062\322  
\107\322\070\056\320\376\201\334\062\152\036\265\356\074\325\374  
\347\201\035\031\303\044\102\352\143\071\251

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Baltimore CyberTrust Root"

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

# Serial Number: 33554617 (0x20000b9)

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

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

```

# Not Valid After : Mon May 12 23:59:00 2025
# Fingerprint (SHA-256):
16:AF:57:A9:F6:76:B0:AB:12:60:95:AA:5E:BA:DE:F2:2A:B3:11:19:D6:44:AC:95:CD:4B:93:DB:F3:F2:6A:EB
# Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Baltimore CyberTrust Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\324\336\040\320\136\146\374\123\376\032\120\210\054\170\333\050
\122\312\344\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\254\266\224\245\234\027\340\327\221\122\233\261\227\006\246\344
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\002\000\000\271
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority"
#
# Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US
# Serial Number: 1164660820 (0x456b5054)
# Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US
# Not Valid Before: Mon Nov 27 20:23:42 2006
# Not Valid After : Fri Nov 27 20:53:42 2026
# Fingerprint (SHA-256):
73:C1:76:43:4F:1B:C6:D5:AD:F4:5B:0E:76:E7:27:28:7C:8D:E5:76:16:C1:E6:E6:14:1A:2B:2C:BC:7D:8E:4C
# Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C:84:02:DA:DC:37:D4:4D:F5:D4:67:49:52:F9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\105\153\120\124
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\221\060\202\003\171\240\003\002\001\002\002\004\105
\153\120\124\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\201\260\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164
\162\165\163\164\054\040\111\156\143\056\061\071\060\067\006\003
\125\004\013\023\060\167\167\167\056\145\156\164\162\165\163\164
\056\156\145\164\057\103\120\123\040\151\163\040\151\156\143\157
\162\160\157\162\141\164\145\144\040\142\171\040\162\145\146\145
\162\145\156\143\145\061\037\060\035\006\003\125\004\013\023\026
\050\143\051\040\062\060\060\066\040\105\156\164\162\165\163\164
\054\040\111\156\143\056\061\055\060\053\006\003\125\004\003\023
\044\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145
```

\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171\060\036\027\015\060\066\061\061\062\067\062  
\060\062\063\064\062\132\027\015\062\066\061\061\062\067\062\060  
\065\063\064\062\132\060\201\260\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015  
\105\156\164\162\165\163\164\054\040\111\156\143\056\061\071\060  
\067\006\003\125\004\013\023\060\167\167\167\056\145\156\164\162  
\165\163\164\056\156\145\164\057\103\120\123\040\151\163\040\151  
\156\143\157\162\160\157\162\141\164\145\144\040\142\171\040\162  
\145\146\145\162\145\156\143\145\061\037\060\035\006\003\125\004  
\013\023\026\050\143\051\040\062\060\060\066\040\105\156\164\162  
\165\163\164\054\040\111\156\143\056\061\055\060\053\006\003\125  
\004\003\023\044\105\156\164\162\165\163\164\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\266\225\266\103\102\372\306  
\155\052\157\110\337\224\114\071\127\005\356\303\171\021\101\150  
\066\355\354\376\232\001\217\241\070\050\374\367\020\106\146\056  
\115\036\032\261\032\116\306\321\300\225\210\260\311\377\061\213  
\063\003\333\267\203\173\076\040\204\136\355\262\126\050\247\370  
\340\271\100\161\067\305\313\107\016\227\052\150\300\042\225\142  
\025\333\107\331\365\320\053\377\202\113\311\255\076\336\114\333  
\220\200\120\077\011\212\204\000\354\060\012\075\030\315\373\375  
\052\131\232\043\225\027\054\105\236\037\156\103\171\155\014\134  
\230\376\110\247\305\043\107\134\136\375\156\347\036\264\366\150  
\105\321\206\203\133\242\212\215\261\343\051\200\376\045\161\210  
\255\276\274\217\254\122\226\113\252\121\215\344\023\061\031\350  
\116\115\237\333\254\263\152\325\274\071\124\161\312\172\172\177  
\220\335\175\035\200\331\201\273\131\046\302\021\376\346\223\342  
\367\200\344\145\373\064\067\016\051\200\160\115\257\070\206\056  
\236\177\127\257\236\027\256\353\034\313\050\041\137\266\034\330  
\347\242\004\042\371\323\332\330\313\002\003\001\000\001\243\201  
\260\060\201\255\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\053\006\003\125\035\020\004\044\060\042  
\200\017\062\060\060\066\061\061\062\067\062\060\062\063\064\062  
\132\201\017\062\060\062\066\061\061\062\067\062\060\065\063\064  
\062\132\060\037\006\003\125\035\043\004\030\060\026\200\024\150  
\220\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373  
\204\275\155\060\035\006\003\125\035\016\004\026\004\024\150\220  
\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373\204  
\275\155\060\035\006\011\052\206\110\206\366\175\007\101\000\004  
\020\060\016\033\010\126\067\056\061\072\064\056\060\003\002\004  
\220\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\223\324\060\260\327\003\040\052\320\371\143  
\350\221\014\005\040\251\137\031\312\173\162\116\324\261\333\320  
\226\373\124\132\031\054\014\010\367\262\274\205\250\235\177\155

```
\073\122\263\052\333\347\324\204\214\143\366\017\313\046\001\221
\120\154\364\137\024\342\223\164\300\023\236\060\072\120\343\264
\140\305\034\360\042\104\215\161\107\254\310\032\311\351\233\232
\000\140\023\377\160\176\137\021\115\111\033\263\025\122\173\311
\124\332\277\235\225\257\153\232\330\236\351\361\344\103\215\342
\021\104\072\277\257\275\203\102\163\122\213\252\273\247\051\317
\365\144\034\012\115\321\274\252\254\237\052\320\377\177\177\332
\175\352\261\355\060\045\301\204\332\064\322\133\170\203\126\354
\234\066\303\046\342\021\366\147\111\035\222\253\214\373\353\377
\172\356\205\112\247\120\200\360\247\134\112\224\056\137\005\231
\074\122\101\340\315\264\143\317\001\103\272\234\203\334\217\140
\073\363\132\264\264\173\256\332\013\220\070\165\357\201\035\146
\322\367\127\160\066\263\277\374\050\257\161\045\205\133\023\376
\036\177\132\264\074
```

END

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

# Trust for "Entrust Root Certification Authority"

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

# Serial Number: 1164660820 (0x456b5054)

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

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

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

# Fingerprint (SHA-256):

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

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Entrust Root Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

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

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

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

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
```

```
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
```

```
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Certum Root CA"

#

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

# Serial Number: 65568 (0x10020)

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

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

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

# Fingerprint (SHA-256):

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

# Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certum Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\003\001\000\040
```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\014\060\202\001\364\240\003\002\001\002\002\003\001  
\000\040\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145  
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060  
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103  
\101\060\036\027\015\060\062\060\066\061\061\061\060\064\066\063  
\071\132\027\015\062\067\060\066\061\061\061\060\064\066\063\071  
\132\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145  
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060  
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103  
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\316\261\301\056\323\117\174\315\045\316\030\076\117\304  
\214\157\200\152\163\310\133\121\370\233\322\334\273\000\134\261  
\240\374\165\003\356\201\360\210\356\043\122\351\346\025\063\215  
\254\055\011\305\166\371\053\071\200\211\344\227\113\220\245\250  
\170\370\163\103\173\244\141\260\330\130\314\341\154\146\176\234  
\363\011\136\125\143\204\325\250\357\363\261\056\060\150\263\304  
\074\330\254\156\215\231\132\220\116\064\334\066\232\217\201\210  
\120\267\155\226\102\011\363\327\225\203\015\101\113\260\152\153  
\370\374\017\176\142\237\147\304\355\046\137\020\046\017\010\117  
\360\244\127\050\316\217\270\355\105\366\156\356\045\135\252\156  
\071\276\344\223\057\331\107\240\162\353\372\246\133\257\312\123  
\077\342\016\306\226\126\021\156\367\351\146\251\046\330\177\225  
\123\355\012\205\210\272\117\051\245\102\214\136\266\374\205\040  
\000\252\150\013\241\032\205\001\234\304\106\143\202\210\266\042  
\261\356\376\252\106\131\176\317\065\054\325\266\332\135\367\110  
\063\024\124\266\353\331\157\316\315\210\326\253\033\332\226\073  
\035\131\002\003\001\000\001\243\023\060\021\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\270\215\316\357\347\024\272\317\356\260\104\222\154\264\071\076  
\242\204\156\255\270\041\167\322\324\167\202\207\346\040\101\201  
\356\342\370\021\267\143\321\027\067\276\031\166\044\034\004\032  
\114\353\075\252\147\157\055\324\315\376\145\061\160\305\033\246  
\002\012\272\140\173\155\130\302\232\111\376\143\062\013\153\343  
\072\300\254\253\073\260\350\323\011\121\214\020\203\306\064\340  
\305\053\340\032\266\140\024\047\154\062\167\214\274\262\162\230  
\317\315\314\077\271\310\044\102\024\326\127\374\346\046\103\251  
\035\345\200\220\316\003\124\050\076\367\077\323\370\115\355\152  
\012\072\223\023\233\073\024\043\023\143\234\077\321\207\047\171  
\345\114\121\343\001\255\205\135\032\073\261\325\163\020\244\323  
\362\274\156\144\365\132\126\220\250\307\016\114\164\017\056\161  
\073\367\310\107\364\151\157\025\362\021\136\203\036\234\174\122

```
\256\375\002\332\022\250\131\147\030\333\274\160\335\233\261\151
\355\200\316\211\100\110\152\016\065\312\051\146\025\041\224\054
\350\140\052\233\205\112\100\363\153\212\044\354\006\026\054\163
END
```

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

```
# Trust for "Certum Root CA"
```

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

```
# Serial Number: 65568 (0x10020)
```

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

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

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

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

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

```
# Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certum Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\142\122\334\100\367\021\103\242\057\336\236\367\064\216\006\102
```

```
\121\261\201\030
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\054\217\237\146\035\030\220\261\107\046\235\216\206\202\214\251
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
```

```
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
```

```
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
```

```
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\003\001\000\040
```

```
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "Comodo AAA Services root"
```

```
#
```

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

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Thu Jan 01 00:00:00 2004
# Not Valid After : Sun Dec 31 23:59:59 2028
# Fingerprint (SHA-256):
D7:A7:A0:FB:5D:7E:27:31:D7:71:E9:48:4E:BC:DE:F7:1D:5F:0C:3E:0A:29:48:78:2B:C8:3E:E0:EA:69:9E:F4
# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Comodo AAA Services root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\062\060\202\003\032\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033
\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145\162
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006
\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032\060
\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040\103
\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003\125
\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151\143
\141\164\145\040\123\145\162\166\151\143\145\163\060\036\027\015
\060\064\060\061\060\061\060\060\060\060\060\060\132\027\015\062
```

\070\061\062\063\061\062\063\065\071\065\071\132\060\173\061\013  
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006  
\003\125\004\010\014\022\107\162\145\141\164\145\162\040\115\141  
\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004  
\007\014\007\123\141\154\146\157\162\144\061\032\060\030\006\003  
\125\004\012\014\021\103\157\155\157\144\157\040\103\101\040\114  
\151\155\151\164\145\144\061\041\060\037\006\003\125\004\003\014  
\030\101\101\101\040\103\145\162\164\151\146\151\143\141\164\145  
\040\123\145\162\166\151\143\145\163\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\276\100\235\364\156\341  
\352\166\207\034\115\105\104\216\276\106\310\203\006\235\301\052  
\376\030\037\216\344\002\372\363\253\135\120\212\026\061\013\232  
\006\320\305\160\042\315\111\055\124\143\314\266\156\150\106\013  
\123\352\313\114\044\300\274\162\116\352\361\025\256\364\124\232  
\022\012\303\172\262\063\140\342\332\211\125\363\042\130\363\336  
\334\317\357\203\206\242\214\224\117\237\150\362\230\220\106\204  
\047\307\166\277\343\314\065\054\213\136\007\144\145\202\300\110  
\260\250\221\371\141\237\166\040\120\250\221\307\146\265\353\170  
\142\003\126\360\212\032\023\352\061\243\036\240\231\375\070\366  
\366\047\062\130\157\007\365\153\270\373\024\053\257\267\252\314  
\326\143\137\163\214\332\005\231\250\070\250\313\027\170\066\121  
\254\351\236\364\170\072\215\317\017\331\102\342\230\014\253\057  
\237\016\001\336\357\237\231\111\361\055\337\254\164\115\033\230  
\265\107\305\345\051\321\371\220\030\307\142\234\276\203\307\046  
\173\076\212\045\307\300\335\235\346\065\150\020\040\235\217\330  
\336\322\303\204\234\015\136\350\057\311\002\003\001\000\001\243  
\201\300\060\201\275\060\035\006\003\125\035\016\004\026\004\024  
\240\021\012\043\076\226\361\007\354\342\257\051\357\202\245\177  
\320\060\244\264\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\173\006\003\125\035\037\004\164\060\162  
\060\070\240\066\240\064\206\062\150\164\164\160\072\057\057\143  
\162\154\056\143\157\155\157\144\157\143\141\056\143\157\155\057  
\101\101\101\103\145\162\164\151\146\151\143\141\164\145\123\145  
\162\166\151\143\145\163\056\143\162\154\060\066\240\064\240\062  
\206\060\150\164\164\160\072\057\057\143\162\154\056\143\157\155  
\157\144\157\056\156\145\164\057\101\101\101\103\145\162\164\151  
\146\151\143\141\164\145\123\145\162\166\151\143\145\163\056\143  
\162\154\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\003\202\001\001\000\010\126\374\002\360\233\350\377\244\372  
\326\173\306\104\200\316\117\304\305\366\000\130\314\246\266\274  
\024\111\150\004\166\350\346\356\135\354\002\017\140\326\215\120  
\030\117\046\116\001\343\346\260\245\356\277\274\164\124\101\277  
\375\374\022\270\307\117\132\364\211\140\005\177\140\267\005\112  
\363\366\361\302\277\304\271\164\206\266\055\175\153\314\322\363  
\106\335\057\306\340\152\303\303\064\003\054\175\226\335\132\302  
\016\247\012\231\301\005\213\253\014\057\363\134\072\317\154\067

```
\125\011\207\336\123\100\154\130\357\374\266\253\145\156\004\366
\033\334\074\340\132\025\306\236\331\361\131\110\060\041\145\003
\154\354\351\041\163\354\233\003\241\340\067\255\240\025\030\217
\372\272\002\316\247\054\251\020\023\054\324\345\010\046\253\042
\227\140\370\220\136\164\324\242\232\123\275\362\251\150\340\242
\156\302\327\154\261\243\017\236\277\353\150\347\126\362\256\362
\343\053\070\072\011\201\265\153\205\327\276\055\355\077\032\267
\262\143\342\365\142\054\202\324\152\000\101\120\361\071\203\237
\225\351\066\226\230\156
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Comodo AAA Services root"

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

# Serial Number: 1 (0x1)

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

# Not Valid Before: Thu Jan 01 00:00:00 2004

# Not Valid After : Sun Dec 31 23:59:59 2028

# Fingerprint (SHA-256):

D7:A7:A0:FB:5D:7E:27:31:D7:71:E9:48:4E:BC:DE:F7:1D:5F:0C:3E:0A:29:48:78:2B:C8:3E:E0:EA:69:9E:F4

# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Comodo AAA Services root"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\321\353\043\244\155\027\326\217\331\045\144\302\361\361\140\027
\144\330\343\111
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\111\171\004\260\353\207\031\254\107\260\274\021\121\233\164\320
END
```

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

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

```
#
```

```
# Certificate "QuoVadis Root CA 2"
```

```
#
```

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

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

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

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

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

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

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

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

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

```
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

```
CKA_SUBJECT MULTILINE_OCTAL
```

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

```
END
```

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
```

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

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

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

```
END
```

```
CKA_VALUE MULTILINE_OCTAL
```

```
\060\202\005\267\060\202\003\237\240\003\002\001\002\002\002\005
\011\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\060\036\027\015\060\066\061\061\062
```

\064\061\070\062\067\060\060\132\027\015\063\061\061\061\062\064  
\061\070\062\063\063\063\132\060\105\061\013\060\011\006\003\125  
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023  
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145  
\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126  
\141\144\151\163\040\122\157\157\164\040\103\101\040\062\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\232  
\030\312\113\224\015\000\055\257\003\051\212\360\017\201\310\256  
\114\031\205\035\010\237\253\051\104\205\363\057\201\255\062\036  
\220\106\277\243\206\046\032\036\376\176\034\030\072\134\234\140  
\027\052\072\164\203\063\060\175\141\124\021\313\355\253\340\346  
\322\242\176\365\153\157\030\267\012\013\055\375\351\076\357\012  
\306\263\020\351\334\302\106\027\370\135\375\244\332\377\236\111  
\132\234\346\063\346\044\226\367\077\272\133\053\034\172\065\302  
\326\147\376\253\146\120\213\155\050\140\053\357\327\140\303\307  
\223\274\215\066\221\363\177\370\333\021\023\304\234\167\166\301  
\256\267\002\152\201\172\251\105\203\342\005\346\271\126\301\224  
\067\217\110\161\143\042\354\027\145\007\225\212\113\337\217\306  
\132\012\345\260\343\137\136\153\021\253\014\371\205\353\104\351  
\370\004\163\362\351\376\134\230\214\365\163\257\153\264\176\315  
\324\134\002\053\114\071\341\262\225\225\055\102\207\327\325\263  
\220\103\267\154\023\361\336\335\366\304\370\211\077\321\165\365  
\222\303\221\325\212\210\320\220\354\334\155\336\211\302\145\161  
\226\213\015\003\375\234\277\133\026\254\222\333\352\376\171\174  
\255\353\257\367\026\313\333\315\045\053\345\037\373\232\237\342  
\121\314\072\123\014\110\346\016\275\311\264\166\006\122\346\021  
\023\205\162\143\003\004\340\004\066\053\040\031\002\350\164\247  
\037\266\311\126\146\360\165\045\334\147\301\016\141\140\210\263  
\076\321\250\374\243\332\035\260\321\261\043\124\337\104\166\155  
\355\101\330\301\262\042\266\123\034\337\065\035\334\241\167\052  
\061\344\055\365\345\345\333\310\340\377\345\200\327\013\143\240  
\377\063\241\017\272\054\025\025\352\227\263\322\242\265\276\362  
\214\226\036\032\217\035\154\244\141\067\271\206\163\063\327\227  
\226\236\043\175\202\244\114\201\342\241\321\272\147\137\225\007  
\243\047\021\356\026\020\173\274\105\112\114\262\004\322\253\357  
\325\375\014\121\316\120\152\010\061\371\221\332\014\217\144\134  
\003\303\072\213\040\077\156\215\147\075\072\326\376\175\133\210  
\311\136\373\314\141\334\213\063\167\323\104\062\065\011\142\004  
\222\026\020\330\236\047\107\373\073\041\343\370\353\035\133\002  
\003\001\000\001\243\201\260\060\201\255\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003\125  
\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016\004  
\026\004\024\032\204\142\274\110\114\063\045\004\324\356\320\366  
\003\304\031\106\321\224\153\060\156\006\003\125\035\043\004\147  
\060\145\200\024\032\204\142\274\110\114\063\045\004\324\356\320  
\366\003\304\031\106\321\224\153\241\111\244\107\060\105\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006

\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\033\060\031\006\003\125\004\003\023  
\022\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\062\202\002\005\011\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\002\001\000\076\012\026\115\237  
\006\133\250\256\161\135\057\005\057\147\346\023\105\203\304\066  
\366\363\300\046\014\015\265\107\144\135\370\264\162\311\106\245  
\003\030\047\125\211\170\175\166\352\226\064\200\027\040\334\347  
\203\370\215\374\007\270\332\137\115\056\147\262\204\375\331\104  
\374\167\120\201\346\174\264\311\015\013\162\123\370\166\007\007  
\101\107\226\014\373\340\202\046\223\125\214\376\042\037\140\145  
\174\137\347\046\263\367\062\220\230\120\324\067\161\125\366\222  
\041\170\367\225\171\372\370\055\046\207\146\126\060\167\246\067  
\170\063\122\020\130\256\077\141\216\362\152\261\357\030\176\112  
\131\143\312\215\242\126\325\247\057\274\126\037\317\071\301\342  
\373\012\250\025\054\175\115\172\143\306\154\227\104\074\322\157  
\303\112\027\012\370\220\322\127\242\031\121\245\055\227\101\332  
\007\117\251\120\332\220\215\224\106\341\076\360\224\375\020\000  
\070\365\073\350\100\341\264\156\126\032\040\314\157\130\215\355  
\056\105\217\326\351\223\077\347\261\054\337\072\326\042\214\334  
\204\273\042\157\320\370\344\306\071\351\004\210\074\303\272\353  
\125\172\155\200\231\044\365\154\001\373\370\227\260\224\133\353  
\375\322\157\361\167\150\015\065\144\043\254\270\125\241\003\321  
\115\102\031\334\370\165\131\126\243\371\250\111\171\370\257\016  
\271\021\240\174\267\152\355\064\320\266\046\142\070\032\207\014  
\370\350\375\056\323\220\177\007\221\052\035\326\176\134\205\203  
\231\260\070\010\077\351\136\371\065\007\344\311\142\156\127\177  
\247\120\225\367\272\310\233\346\216\242\001\305\326\146\277\171  
\141\363\074\034\341\271\202\134\135\240\303\351\330\110\275\031  
\242\021\024\031\156\262\206\033\150\076\110\067\032\210\267\135  
\226\136\234\307\357\047\142\010\342\221\031\134\322\361\041\335  
\272\027\102\202\227\161\201\123\061\251\237\366\175\142\277\162  
\341\243\223\035\314\212\046\132\011\070\320\316\327\015\200\026  
\264\170\245\072\207\114\215\212\245\325\106\227\362\054\020\271  
\274\124\042\300\001\120\151\103\236\364\262\357\155\370\354\332  
\361\343\261\357\337\221\217\124\052\013\045\301\046\031\304\122  
\020\005\145\325\202\020\352\302\061\315\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "QuoVadis Root CA 2"  
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM  
# Serial Number: 1289 (0x509)  
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM  
# Not Valid Before: Fri Nov 24 18:27:00 2006  
# Not Valid After : Mon Nov 24 18:23:33 2031

```

# Fingerprint (SHA-256):
85:A0:DD:7D:D7:20:AD:B7:FF:05:F8:3D:54:2B:20:9D:C7:FF:45:28:F7:D6:77:B1:83:89:FE:A5:E5:C4:9E:86
# Fingerprint (SHA1): CA:3A:FB:CF:12:40:36:4B:44:B2:16:20:88:80:48:39:19:93:7C:F7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\312\072\373\317\022\100\066\113\104\262\026\040\210\200\110\071
\031\223\174\367
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\136\071\173\335\370\272\354\202\351\254\142\272\014\124\000\053
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\011
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3"
#
# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Serial Number: 1478 (0x5c6)
# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 19:11:23 2006
# Not Valid After : Mon Nov 24 19:06:44 2031
# Fingerprint (SHA-256):
18:F1:FC:7F:20:5D:F8:AD:DD:EB:7F:E0:07:DD:57:E3:AF:37:5A:9C:4D:8D:73:54:6B:F4:F1:FE:D1:E1:8D:35
# Fingerprint (SHA1): 1F:49:14:F7:D8:74:95:1D:DD:AE:02:C0:BE:FD:3A:2D:82:75:51:85
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

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

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\005\306

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\235\060\202\004\205\240\003\002\001\002\002\002\005  
\306\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\063\060\036\027\015\060\066\061\061\062  
\064\061\071\061\061\062\063\132\027\015\063\061\061\061\062\064  
\061\071\060\066\064\064\132\060\105\061\013\060\011\006\003\125  
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023  
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145  
\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126  
\141\144\151\163\040\122\157\157\164\040\103\101\040\063\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\314  
\127\102\026\124\234\346\230\323\323\115\356\376\355\307\237\103  
\071\112\145\263\350\026\210\064\333\015\131\221\164\317\222\270  
\004\100\255\002\113\061\253\274\215\221\150\330\040\016\032\001  
\342\032\173\116\027\135\342\212\267\077\231\032\315\353\141\253  
\302\145\246\037\267\267\275\267\217\374\375\160\217\013\240\147  
\276\001\242\131\317\161\346\017\051\166\377\261\126\171\105\053  
\037\236\172\124\350\243\051\065\150\244\001\117\017\244\056\067  
\357\033\277\343\217\020\250\162\253\130\127\347\124\206\310\311  
\363\133\332\054\332\135\216\156\074\243\076\332\373\202\345\335  
\362\134\262\005\063\157\212\066\316\320\023\116\377\277\112\014  
\064\114\246\303\041\275\120\004\125\353\261\273\235\373\105\036  
\144\025\336\125\001\214\002\166\265\313\241\077\102\151\274\057  
\275\150\103\026\126\211\052\067\141\221\375\246\256\116\300\313  
\024\145\224\067\113\222\006\357\004\320\310\234\210\333\013\173  
\201\257\261\075\052\304\145\072\170\266\356\334\200\261\322\323

\231\234\072\356\153\132\153\263\215\267\325\316\234\302\276\245  
\113\057\026\261\236\150\073\006\157\256\175\237\370\336\354\314  
\051\247\230\243\045\103\057\357\361\137\046\341\210\115\370\136  
\156\327\331\024\156\031\063\151\247\073\204\211\223\304\123\125  
\023\241\121\170\100\370\270\311\242\356\173\272\122\102\203\236  
\024\355\005\122\132\131\126\247\227\374\235\077\012\051\330\334  
\117\221\016\023\274\336\225\244\337\213\231\276\254\233\063\210  
\357\265\201\257\033\306\042\123\310\366\307\356\227\024\260\305  
\174\170\122\310\360\316\156\167\140\204\246\351\052\166\040\355  
\130\001\027\060\223\351\032\213\340\163\143\331\152\222\224\111  
\116\264\255\112\205\304\243\042\060\374\011\355\150\042\163\246  
\210\014\125\041\130\305\341\072\237\052\335\312\341\220\340\331  
\163\253\154\200\270\350\013\144\223\240\234\214\031\377\263\322  
\014\354\221\046\207\212\263\242\341\160\217\054\012\345\315\155  
\150\121\353\332\077\005\177\213\062\346\023\134\153\376\137\100  
\342\042\310\264\264\144\117\326\272\175\110\076\250\151\014\327  
\273\206\161\311\163\270\077\073\235\045\113\332\377\100\353\002  
\003\001\000\001\243\202\001\225\060\202\001\221\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\201\341  
\006\003\125\035\040\004\201\331\060\201\326\060\201\323\006\011  
\053\006\001\004\001\276\130\000\003\060\201\305\060\201\223\006  
\010\053\006\001\005\005\007\002\002\060\201\206\032\201\203\101  
\156\171\040\165\163\145\040\157\146\040\164\150\151\163\040\103  
\145\162\164\151\146\151\143\141\164\145\040\143\157\156\163\164  
\151\164\165\164\145\163\040\141\143\143\145\160\164\141\156\143  
\145\040\157\146\040\164\150\145\040\121\165\157\126\141\144\151  
\163\040\122\157\157\164\040\103\101\040\063\040\103\145\162\164  
\151\146\151\143\141\164\145\040\120\157\154\151\143\171\040\057  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\120  
\162\141\143\164\151\143\145\040\123\164\141\164\145\155\145\156  
\164\056\060\055\006\010\053\006\001\005\005\007\002\001\026\041  
\150\164\164\160\072\057\057\167\167\167\056\161\165\157\166\141  
\144\151\163\147\154\157\142\141\154\056\143\157\155\057\143\160  
\163\060\013\006\003\125\035\017\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\362\300\023\340\202\103\076  
\373\356\057\147\062\226\065\134\333\270\313\002\320\060\156\006  
\003\125\035\043\004\147\060\145\200\024\362\300\023\340\202\103  
\076\373\356\057\147\062\226\065\134\333\270\313\002\320\241\111  
\244\107\060\105\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\033\060\031  
\006\003\125\004\003\023\022\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\063\202\002\005\306\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001  
\000\117\255\240\054\114\372\300\362\157\367\146\125\253\043\064  
\356\347\051\332\303\133\266\260\203\331\320\320\342\041\373\363  
\140\247\073\135\140\123\047\242\233\366\010\042\052\347\277\240  
\162\345\234\044\152\061\261\220\172\047\333\204\021\211\047\246

\167\132\070\327\277\254\206\374\356\135\203\274\006\306\321\167  
\153\017\155\044\057\113\172\154\247\007\226\312\343\204\237\255  
\210\213\035\253\026\215\133\146\027\331\026\364\213\200\322\335  
\370\262\166\303\374\070\023\252\014\336\102\151\053\156\363\074  
\353\200\047\333\365\246\104\015\237\132\125\131\013\325\015\122  
\110\305\256\237\362\057\200\305\352\062\120\065\022\227\056\301  
\341\377\361\043\210\121\070\237\362\146\126\166\347\017\121\227  
\245\122\014\115\111\121\225\066\075\277\242\113\014\020\035\206  
\231\114\252\363\162\021\223\344\352\366\233\332\250\135\247\115  
\267\236\002\256\163\000\310\332\043\003\350\371\352\031\164\142  
\000\224\313\042\040\276\224\247\131\265\202\152\276\231\171\172  
\251\362\112\044\122\367\164\375\272\116\346\250\035\002\156\261  
\015\200\104\301\256\323\043\067\137\273\205\174\053\222\056\350  
\176\245\213\335\231\341\277\047\157\055\135\252\173\207\376\012  
\335\113\374\216\365\046\344\156\160\102\156\063\354\061\236\173  
\223\301\344\311\151\032\075\300\153\116\042\155\356\253\130\115  
\306\320\101\301\053\352\117\022\207\136\353\105\330\154\365\230  
\002\323\240\330\125\212\006\231\031\242\240\167\321\060\236\254  
\314\165\356\203\365\260\142\071\317\154\127\342\114\322\221\013  
\016\165\050\033\232\277\375\032\103\361\312\167\373\073\217\141  
\270\151\050\026\102\004\136\160\052\034\041\330\217\341\275\043  
\133\055\164\100\222\331\143\031\015\163\335\151\274\142\107\274  
\340\164\053\262\353\175\276\101\033\265\300\106\305\241\042\313  
\137\116\301\050\222\336\030\272\325\052\050\273\021\213\027\223  
\230\231\140\224\134\043\317\132\047\227\136\013\005\006\223\067  
\036\073\151\066\353\251\236\141\035\217\062\332\216\014\326\164  
\076\173\011\044\332\001\167\107\304\073\315\064\214\231\365\312  
\341\045\141\063\262\131\033\342\156\327\067\127\266\015\251\022  
\332

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "QuoVadis Root CA 3"

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

# Serial Number: 1478 (0x5c6)

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "QuoVadis Root CA 3"

```

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\037\111\024\367\330\164\225\035\335\256\002\300\276\375\072\055
\202\165\121\205
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\061\205\074\142\224\227\143\271\252\375\211\116\257\157\340\317
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\306
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

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

```

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061  
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040  
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125  
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155  
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103  
\101\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

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

```
\001\001\377\004\005\060\003\001\001\377\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\150\100
\251\250\273\344\117\135\171\263\005\265\027\263\140\023\353\306
\222\135\340\321\323\152\376\373\276\233\155\277\307\005\155\131
\040\304\034\360\267\332\204\130\002\143\372\110\026\357\117\245
\013\367\112\230\362\077\236\033\255\107\153\143\316\010\107\353
\122\077\170\234\257\115\256\370\325\117\317\232\230\052\020\101
\071\122\304\335\331\233\016\357\223\001\256\262\056\312\150\102
\044\102\154\260\263\072\076\315\351\332\110\304\025\313\351\371
\007\017\222\120\111\212\335\061\227\137\311\351\067\252\073\131
\145\227\224\062\311\263\237\076\072\142\130\305\111\255\142\016
\161\245\062\252\057\306\211\166\103\100\023\023\147\075\242\124
\045\020\313\361\072\362\331\372\333\111\126\273\246\376\247\101
\065\303\340\210\141\311\210\307\337\066\020\042\230\131\352\260
\112\373\126\026\163\156\254\115\367\042\241\117\255\035\172\055
\105\047\345\060\301\136\362\332\023\313\045\102\121\225\107\003
\214\154\041\314\164\102\355\123\377\063\213\217\017\127\001\026
\057\317\246\356\311\160\042\024\275\375\276\154\013\003
```

END

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

```
# Trust for "Security Communication Root CA"
```

```
# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
```

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

```
# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
```

```
# Not Valid Before: Tue Sep 30 04:20:49 2003
```

```
# Not Valid After : Sat Sep 30 04:20:49 2023
```

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

```
E7:5E:72:ED:9F:56:0E:EC:6E:B4:80:00:73:A4:3F:C3:AD:19:19:5A:39:22:82:01:78:95:97:4A:99:02:6B:6C
```

```
# Fingerprint (SHA1): 36:B1:2B:49:F9:81:9E:D7:4C:9E:BC:38:0F:C6:56:8F:5D:AC:B2:F7
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Security Communication Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\066\261\053\111\371\201\236\327\114\236\274\070\017\306\126\217
\135\254\262\367
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\361\274\143\152\124\340\265\047\365\315\347\032\343\115\156\112
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
```

```
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Camerfirma Chambers of Commerce Root"

#

# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Serial Number: 0 (0x0)

# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Not Valid Before: Tue Sep 30 16:13:43 2003

# Not Valid After : Wed Sep 30 16:13:44 2037

# Fingerprint (SHA-256):

0C:25:8A:12:A5:67:4A:EF:25:F2:8B:A7:DC:FA:EC:EE:A3:48:E5:41:E6:F5:CC:4E:E6:3B:71:B3:61:60:6A:C3

# Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Camerfirma Chambers of Commerce Root"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
```

\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\275\060\202\003\245\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047  
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145  
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070  
\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013  
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060\040  
\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163\040  
\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157\164  
\060\036\027\015\060\063\060\071\063\060\061\066\061\063\064\063  
\132\027\015\063\067\060\071\063\060\061\066\061\063\064\064\132  
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164\060\202\001\040\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\015\000\060\202\001\010\002\202\001  
\001\000\267\066\125\345\245\135\030\060\340\332\211\124\221\374  
\310\307\122\370\057\120\331\357\261\165\163\145\107\175\033\133  
\272\165\305\374\241\210\044\372\057\355\312\010\112\071\124\304  
\121\172\265\332\140\352\070\074\201\262\313\361\273\331\221\043  
\077\110\001\160\165\251\005\052\255\037\161\363\311\124\075\035  
\006\152\100\076\263\014\205\356\134\033\171\302\142\304\270\066  
\216\065\135\001\014\043\004\107\065\252\233\140\116\240\146\075  
\313\046\012\234\100\241\364\135\230\277\161\253\245\000\150\052  
\355\203\172\017\242\024\265\324\042\263\200\260\074\014\132\121  
\151\055\130\030\217\355\231\236\361\256\342\225\346\366\107\250  
\326\014\017\260\130\130\333\303\146\067\236\233\221\124\063\067  
\322\224\034\152\110\311\311\362\245\332\245\014\043\367\043\016  
\234\062\125\136\161\234\204\005\121\232\055\375\346\116\052\064  
\132\336\312\100\067\147\014\124\041\125\167\332\012\014\314\227  
\256\200\334\224\066\112\364\076\316\066\023\036\123\344\254\116  
\072\005\354\333\256\162\234\070\213\320\071\073\211\012\076\167

\376\165\002\001\003\243\202\001\104\060\202\001\100\060\022\006  
\003\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001  
\014\060\074\006\003\125\035\037\004\065\060\063\060\061\240\057  
\240\055\206\053\150\164\164\160\072\057\057\143\162\154\056\143  
\150\141\155\142\145\162\163\151\147\156\056\157\162\147\057\143  
\150\141\155\142\145\162\163\162\157\157\164\056\143\162\154\060  
\035\006\003\125\035\016\004\026\004\024\343\224\365\261\115\351  
\333\241\051\133\127\213\115\166\006\166\341\321\242\212\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021  
\006\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000  
\007\060\047\006\003\125\035\021\004\040\060\036\201\034\143\150  
\141\155\142\145\162\163\162\157\157\164\100\143\150\141\155\142  
\145\162\163\151\147\156\056\157\162\147\060\047\006\003\125\035  
\022\004\040\060\036\201\034\143\150\141\155\142\145\162\163\162  
\157\157\164\100\143\150\141\155\142\145\162\163\151\147\156\056  
\157\162\147\060\130\006\003\125\035\040\004\121\060\117\060\115  
\006\013\053\006\001\004\001\201\207\056\012\003\001\060\076\060  
\074\006\010\053\006\001\005\005\007\002\001\026\060\150\164\164  
\160\072\057\057\143\160\163\056\143\150\141\155\142\145\162\163  
\151\147\156\056\157\162\147\057\143\160\163\057\143\150\141\155  
\142\145\162\163\162\157\157\164\056\150\164\155\154\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001  
\000\014\101\227\302\032\206\300\042\174\237\373\220\363\032\321  
\003\261\357\023\371\041\137\004\234\332\311\245\215\047\154\226  
\207\221\276\101\220\001\162\223\347\036\175\137\366\211\306\135  
\247\100\011\075\254\111\105\105\334\056\215\060\150\262\011\272  
\373\303\057\314\272\013\337\077\167\173\106\175\072\022\044\216  
\226\217\074\005\012\157\322\224\050\035\155\014\300\056\210\042  
\325\330\317\035\023\307\360\110\327\327\005\247\317\307\107\236  
\073\074\064\310\200\117\324\024\273\374\015\120\367\372\263\354  
\102\137\251\335\155\310\364\165\317\173\301\162\046\261\001\034  
\134\054\375\172\116\264\001\305\005\127\271\347\074\252\005\331  
\210\351\007\106\101\316\357\101\201\256\130\337\203\242\256\312  
\327\167\037\347\000\074\235\157\216\344\062\011\035\115\170\064  
\170\064\074\224\233\046\355\117\161\306\031\172\275\040\042\110  
\132\376\113\175\003\267\347\130\276\306\062\116\164\036\150\335  
\250\150\133\263\076\356\142\175\331\200\350\012\165\172\267\356  
\264\145\232\041\220\340\252\320\230\274\070\265\163\074\213\370  
\334

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
# For Email Distrust After: Mon Mar 01 00:00:00 2021  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER MULTILINE\_OCTAL  
\062\061\060\063\060\061\060\060\060\060\060\060\132  
END

# Trust for "Camerfirma Chambers of Commerce Root"

```

# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:13:43 2003
# Not Valid After : Wed Sep 30 16:13:44 2037
# Fingerprint (SHA-256):
0C:25:8A:12:A5:67:4A:EF:25:F2:8B:A7:DC:FA:EC:EE:A3:48:E5:41:E6:F5:CC:4E:E6:3B:71:B3:61:60:6A:C3
# Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Chambers of Commerce Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\156\072\125\244\031\014\031\134\223\204\074\300\333\162\056\061
\060\141\360\261
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\260\001\356\024\331\257\051\030\224\166\216\361\151\063\052\204
END
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Camerfirma Global Chambersign Root"
#
# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF

```

A82743287,C=EU

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Camerfirma Global Chambersign Root"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\305\060\202\003\255\240\003\002\001\002\002\001\000  
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\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047  
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145  
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070  
\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013  
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036  
\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150  
\141\155\142\145\162\163\151\147\156\040\122\157\157\164\060\036  
\027\015\060\063\060\071\063\060\061\066\061\064\061\070\132\027

\015\063\067\060\071\063\060\061\066\061\064\061\070\132\060\175  
\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047\060  
\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145\162  
\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070\062  
\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013\023  
\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141\155  
\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036\006  
\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150\141  
\155\142\145\162\163\151\147\156\040\122\157\157\164\060\202\001  
\040\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\001\015\000\060\202\001\010\002\202\001\001\000\242\160  
\242\320\237\102\256\133\027\307\330\175\317\024\203\374\117\311  
\241\267\023\257\212\327\236\076\004\012\222\213\140\126\372\264  
\062\057\210\115\241\140\010\364\267\011\116\240\111\057\111\326  
\323\337\235\227\132\237\224\004\160\354\077\131\331\267\314\146  
\213\230\122\050\011\002\337\305\057\204\215\172\227\167\277\354  
\100\235\045\162\253\265\077\062\230\373\267\267\374\162\204\345  
\065\207\371\125\372\243\037\016\157\056\050\335\151\240\331\102  
\020\306\370\265\104\302\320\103\177\333\274\344\242\074\152\125  
\170\012\167\251\330\352\031\062\267\057\376\134\077\033\356\261  
\230\354\312\255\172\151\105\343\226\017\125\366\346\355\165\352  
\145\350\062\126\223\106\211\250\045\212\145\006\356\153\277\171  
\007\320\361\267\257\355\054\115\222\273\300\250\137\247\147\175  
\004\362\025\010\160\254\222\326\175\004\322\063\373\114\266\013  
\013\373\032\311\304\215\003\251\176\134\362\120\253\022\245\241  
\317\110\120\245\357\322\310\032\023\372\260\177\261\202\034\167  
\152\017\137\334\013\225\217\357\103\176\346\105\011\045\002\001  
\003\243\202\001\120\060\202\001\114\060\022\006\003\125\035\023  
\001\001\377\004\010\060\006\001\001\377\002\001\014\060\077\006  
\003\125\035\037\004\070\060\066\060\064\240\062\240\060\206\056  
\150\164\164\160\072\057\057\143\162\154\056\143\150\141\155\142  
\145\162\163\151\147\156\056\157\162\147\057\143\150\141\155\142  
\145\162\163\151\147\156\162\157\157\164\056\143\162\154\060\035  
\006\003\125\035\016\004\026\004\024\103\234\066\237\260\236\060  
\115\306\316\137\255\020\253\345\003\245\372\251\024\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021\006  
\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000\007  
\060\052\006\003\125\035\021\004\043\060\041\201\037\143\150\141  
\155\142\145\162\163\151\147\156\162\157\157\164\100\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\060\052\006\003  
\125\035\022\004\043\060\041\201\037\143\150\141\155\142\145\162  
\163\151\147\156\162\157\157\164\100\143\150\141\155\142\145\162  
\163\151\147\156\056\157\162\147\060\133\006\003\125\035\040\004  
\124\060\122\060\120\006\013\053\006\001\004\001\201\207\056\012  
\001\001\060\101\060\077\006\010\053\006\001\005\005\007\002\001  
\026\063\150\164\164\160\072\057\057\143\160\163\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\057\143\160\163  
\057\143\150\141\155\142\145\162\163\151\147\156\162\157\157\164

\056\150\164\155\154\060\015\006\011\052\206\110\206\367\015\001  
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\047\221\341\355\355\376\150\177\141\135\345\101\145\117\062\361  
\030\005\224\152\034\336\037\160\333\076\173\062\002\064\265\014  
\154\241\212\174\245\364\217\377\324\330\255\027\325\055\004\321  
\077\130\200\342\201\131\210\276\300\343\106\223\044\376\220\275  
\046\242\060\055\350\227\046\127\065\211\164\226\030\366\025\342  
\257\044\031\126\002\002\262\272\017\024\352\306\212\146\301\206  
\105\125\213\276\222\276\234\244\004\307\111\074\236\350\051\172  
\211\327\376\257\377\150\365\245\027\220\275\254\231\314\245\206  
\127\011\147\106\333\326\026\302\106\361\344\251\120\365\217\321  
\222\025\323\137\076\306\000\111\072\156\130\262\321\321\047\015  
\045\310\062\370\040\021\315\175\062\063\110\224\124\114\335\334  
\171\304\060\237\353\216\270\125\265\327\210\134\305\152\044\075  
\262\323\005\003\121\306\007\357\314\024\162\164\075\156\162\316  
\030\050\214\112\240\167\345\011\053\105\104\107\254\267\147\177  
\001\212\005\132\223\276\241\301\377\370\347\016\147\244\107\111  
\166\135\165\220\032\365\046\217\360

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
# For Email Distrust After: Mon Mar 01 00:00:00 2021  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER MULTILINE\_OCTAL  
\062\061\060\063\060\061\060\060\060\060\060\132  
END

# Trust for "Camerfirma Global Chambersign Root"  
# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU  
# Serial Number: 0 (0x0)  
# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU  
# Not Valid Before: Tue Sep 30 16:14:18 2003  
# Not Valid After : Wed Sep 30 16:14:18 2037  
# Fingerprint (SHA-256):  
EF:3C:B4:17:FC:8E:BF:6F:97:87:6C:9E:4E:CE:39:DE:1E:A5:FE:64:91:41:D1:02:8B:7D:11:C0:B2:29:8C:ED  
# Fingerprint (SHA1): 33:9B:6B:14:50:24:9B:55:7A:01:87:72:84:D9:E0:2F:C3:D2:D8:E9  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Camerfirma Global Chambersign Root"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\063\233\153\024\120\044\233\125\172\001\207\162\204\331\340\057  
\303\322\330\351  
END  
CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\305\346\173\277\006\320\117\103\355\304\172\145\212\373\153\031

END

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "XRamp Global CA Root"

#

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "XRamp Global CA Root"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143  
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\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145  
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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

CKA\_VALUE MULTILINE\_OCTAL

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\202\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036  
\060\034\006\003\125\004\013\023\025\167\167\167\056\170\162\141  
\155\160\163\145\143\165\162\151\164\171\056\143\157\155\061\044  
\060\042\006\003\125\004\012\023\033\130\122\141\155\160\040\123  
\145\143\165\162\151\164\171\040\123\145\162\166\151\143\145\163  
\040\111\156\143\061\055\060\053\006\003\125\004\003\023\044\130  
\122\141\155\160\040\107\154\157\142\141\154\040\103\145\162\164  
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\064\060\064\132\027\015\063\065\060\061\060\061\060\065\063\067  
\061\071\132\060\201\202\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\036\060\034\006\003\125\004\013\023\025\167\167  
\167\056\170\162\141\155\160\163\145\143\165\162\151\164\171\056  
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\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
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\337\307\214\245\047\266\070\013\151\363\266\116\250\054\056\041  
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\051\235\206\033\331\234\015\230\155\166\020\050\130\344\145\260  
\177\112\230\171\237\340\303\061\176\200\053\265\214\300\100\073  
\021\206\320\313\242\206\066\140\244\325\060\202\155\331\156\320

\017\022\004\063\227\137\117\141\132\360\344\371\221\253\347\035  
\073\274\350\317\364\153\055\064\174\342\110\141\034\216\363\141  
\104\314\157\240\112\251\224\260\115\332\347\251\064\172\162\070  
\250\101\314\074\224\021\175\353\310\246\214\267\206\313\312\063  
\073\331\075\067\213\373\172\076\206\054\347\163\327\012\127\254  
\144\233\031\353\364\017\004\010\212\254\003\027\031\144\364\132  
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\304\217\246\342\043\205\325\172\015\275\152\340\351\354\354\027  
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\076\372\362\305\055\323\375\324\145\002\003\001\000\001\243\201  
\237\060\201\234\060\023\006\011\053\006\001\004\001\202\067\024  
\002\004\006\036\004\000\103\000\101\060\013\006\003\125\035\017  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\306\117\242\075\006\143\204\011\234\316\142\344\004\254  
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\055\060\053\240\051\240\047\206\045\150\164\164\160\072\057\057  
\143\162\154\056\170\162\141\155\160\163\145\143\165\162\151\164  
\171\056\143\157\155\057\130\107\103\101\056\143\162\154\060\020  
\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001\001  
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\202\001\001\000\221\025\071\003\001\033\147\373\112\034\371\012  
\140\133\241\332\115\227\142\371\044\123\047\327\202\144\116\220  
\056\303\111\033\053\232\334\374\250\170\147\065\361\035\360\021  
\275\267\110\343\020\366\015\337\077\322\311\266\252\125\244\110  
\272\002\333\336\131\056\025\133\073\235\026\175\107\327\067\352  
\137\115\166\022\066\273\037\327\241\201\004\106\040\243\054\155  
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\144\236\347\053\344\034\221\054\322\271\316\175\316\157\061\231  
\323\346\276\322\036\220\360\011\024\171\134\043\253\115\322\332  
\041\037\115\231\171\235\341\317\047\237\020\233\034\210\015\260  
\212\144\101\061\270\016\154\220\044\244\233\134\161\217\272\273  
\176\034\033\333\152\200\017\041\274\351\333\246\267\100\364\262  
\213\251\261\344\357\232\032\320\075\151\231\356\250\050\243\341  
\074\263\360\262\021\234\317\174\100\346\335\347\103\175\242\330  
\072\265\251\215\362\064\231\304\324\020\341\006\375\011\204\020  
\073\356\304\114\364\354\047\174\102\302\164\174\202\212\011\311  
\264\003\045\274

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "XRamp Global CA Root"

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

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

# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services

```
Inc,OU=www.xrampsecurity.com,C=US
# Not Valid Before: Mon Nov 01 17:14:04 2004
# Not Valid After : Mon Jan 01 05:37:19 2035
# Fingerprint (SHA-256):
CE:CD:DC:90:50:99:D8:DA:DF:C5:B1:D2:09:B7:37:CB:E2:C1:8C:FB:2C:10:C0:FF:0B:CF:0D:32:86:FC:1A:A2
# Fingerprint (SHA1): B8:01:86:D1:EB:9C:86:A5:41:04:CF:30:54:F3:4C:52:B7:E5:58:C6
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "XRamp Global CA Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\270\001\206\321\353\234\206\245\101\004\317\060\124\363\114\122
\267\345\130\306
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\241\013\104\263\312\020\330\000\156\235\017\330\017\222\012\321
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217
\240\255
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Go Daddy Class 2 CA"
#
# Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US
# Serial Number: 0 (0x0)
# Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:06:20 2004
# Not Valid After : Thu Jun 29 17:06:20 2034
# Fingerprint (SHA-256):
C3:84:6B:F2:4B:9E:93:CA:64:27:4C:0E:C6:7C:1E:CC:5E:02:4F:FC:AC:D2:D7:40:19:35:0E:81:FE:54:6A:E4
```

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Go Daddy Class 2 CA"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157  
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156  
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040  
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_ID UTF8 "0"

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\000\060\202\002\350\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041  
\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157\040  
\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156\143  
\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040\104  
\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\060\036\027\015\060\064\060\066\062\071\061\067  
\060\066\062\060\132\027\015\063\064\060\066\062\071\061\067\060  
\066\062\060\132\060\143\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\041\060\037\006\003\125\004\012\023\030\124\150  
\145\040\107\157\040\104\141\144\144\171\040\107\162\157\165\160  
\054\040\111\156\143\056\061\061\060\057\006\003\125\004\013\023  
\050\107\157\040\104\141\144\144\171\040\103\154\141\163\163\040  
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\060\202\001\040\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\015

\000\060\202\001\010\002\202\001\001\000\336\235\327\352\127\030  
\111\241\133\353\327\137\110\206\352\276\335\377\344\357\147\034  
\364\145\150\263\127\161\240\136\167\273\355\233\111\351\160\200  
\075\126\030\143\010\157\332\362\314\320\077\177\002\124\042\124  
\020\330\262\201\324\300\165\075\113\177\307\167\303\076\170\253  
\032\003\265\040\153\057\152\053\261\305\210\176\304\273\036\260  
\301\330\105\047\157\252\067\130\367\207\046\327\330\055\366\251  
\027\267\037\162\066\116\246\027\077\145\230\222\333\052\156\135  
\242\376\210\340\013\336\177\345\215\025\341\353\313\072\325\342  
\022\242\023\055\330\216\257\137\022\075\240\010\005\010\266\134  
\245\145\070\004\105\231\036\243\140\140\164\305\101\245\162\142  
\033\142\305\037\157\137\032\102\276\002\121\145\250\256\043\030  
\152\374\170\003\251\115\177\200\303\372\253\132\374\241\100\244  
\312\031\026\376\262\310\357\136\163\015\356\167\275\232\366\171  
\230\274\261\007\147\242\025\015\335\240\130\306\104\173\012\076  
\142\050\137\272\101\007\123\130\317\021\176\070\164\305\370\377  
\265\151\220\217\204\164\352\227\033\257\002\001\003\243\201\300  
\060\201\275\060\035\006\003\125\035\016\004\026\004\024\322\304  
\260\322\221\324\114\021\161\263\141\313\075\241\376\335\250\152  
\324\343\060\201\215\006\003\125\035\043\004\201\205\060\201\202  
\200\024\322\304\260\322\221\324\114\021\161\263\141\313\075\241  
\376\335\250\152\324\343\241\147\244\145\060\143\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\041\060\037\006\003\125  
\004\012\023\030\124\150\145\040\107\157\040\104\141\144\144\171  
\040\107\162\157\165\160\054\040\111\156\143\056\061\061\060\057  
\006\003\125\004\013\023\050\107\157\040\104\141\144\144\171\040  
\103\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202  
\001\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\062\113\363\262\312\076\221\374\022\306\241\007  
\214\216\167\240\063\006\024\134\220\036\030\367\010\246\075\012  
\031\371\207\200\021\156\151\344\226\027\060\377\064\221\143\162  
\070\356\314\034\001\243\035\224\050\244\061\366\172\304\124\327  
\366\345\061\130\003\242\314\316\142\333\224\105\163\265\277\105  
\311\044\265\325\202\002\255\043\171\151\215\270\266\115\316\317  
\114\312\063\043\350\034\210\252\235\213\101\156\026\311\040\345  
\211\236\315\073\332\160\367\176\231\046\040\024\124\045\253\156  
\163\205\346\233\041\235\012\154\202\016\250\370\302\014\372\020  
\036\154\226\357\207\015\304\017\141\213\255\356\203\053\225\370  
\216\222\204\162\071\353\040\352\203\355\203\315\227\156\010\274  
\353\116\046\266\163\053\344\323\366\114\376\046\161\342\141\021  
\164\112\377\127\032\207\017\165\110\056\317\121\151\027\240\002  
\022\141\225\325\321\100\262\020\114\356\304\254\020\103\246\245  
\236\012\325\225\142\232\015\317\210\202\305\062\014\344\053\237  
\105\346\015\237\050\234\261\271\052\132\127\255\067\017\257\035  
\177\333\275\237

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Go Daddy Class 2 CA"

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

# Serial Number: 0 (0x0)

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Go Daddy Class 2 CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\047\226\272\346\077\030\001\342\167\046\033\240\327\167\160\002  
\217\040\356\344

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\221\336\006\045\253\332\375\062\027\014\273\045\027\052\204\147  
END

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Starfield Class 2 CA"

#

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

# Serial Number: 0 (0x0)

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

```
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After : Thu Jun 29 17:39:16 2034
# Fingerprint (SHA-256):
14:65:FA:20:53:97:B8:76:FA:A6:F0:A9:95:8E:55:90:E4:0F:CC:7F:AA:4F:B7:C2:C8:67:75:21:FB:5F:B6:58
# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Class 2 CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\017\060\202\002\367\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061\045
\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151\145
\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163\054
\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023\051
\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163\040
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\060\036\027\015\060\064\060
\066\062\071\061\067\063\071\061\066\132\027\015\063\064\060\066
\062\071\061\067\063\071\061\066\132\060\150\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\045\060\043\006\003\125\004
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061
```

\062\060\060\006\003\125\004\013\023\051\123\164\141\162\146\151  
\145\154\144\040\103\154\141\163\163\040\062\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\060\202\001\040\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\015\000\060\202\001\010\002  
\202\001\001\000\267\062\310\376\351\161\246\004\205\255\014\021  
\144\337\316\115\357\310\003\030\207\077\241\253\373\074\246\237  
\360\303\241\332\324\330\156\053\123\220\373\044\244\076\204\360  
\236\350\137\354\345\047\104\365\050\246\077\173\336\340\052\360  
\310\257\123\057\236\312\005\001\223\036\217\146\034\071\247\115  
\372\132\266\163\004\045\146\353\167\177\347\131\306\112\231\045  
\024\124\353\046\307\363\177\031\325\060\160\217\257\260\106\052  
\377\255\353\051\355\327\237\252\004\207\243\324\371\211\245\064  
\137\333\103\221\202\066\331\146\074\261\270\271\202\375\234\072  
\076\020\310\073\357\006\145\146\172\233\031\030\075\377\161\121  
\074\060\056\137\276\075\167\163\262\135\006\154\303\043\126\232  
\053\205\046\222\034\247\002\263\344\077\015\257\010\171\202\270  
\066\075\352\234\323\065\263\274\151\312\365\314\235\350\375\144  
\215\027\200\063\156\136\112\135\231\311\036\207\264\235\032\300  
\325\156\023\065\043\136\337\233\137\075\357\326\367\166\302\352  
\076\273\170\015\034\102\147\153\004\330\370\326\332\157\213\362  
\104\240\001\253\002\001\003\243\201\305\060\201\302\060\035\006  
\003\125\035\016\004\026\004\024\277\137\267\321\316\335\037\206  
\364\133\125\254\334\327\020\302\016\251\210\347\060\201\222\006  
\003\125\035\043\004\201\212\060\201\207\200\024\277\137\267\321  
\316\335\037\206\364\133\125\254\334\327\020\302\016\251\210\347  
\241\154\244\152\060\150\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\045\060\043\006\003\125\004\012\023\034\123\164  
\141\162\146\151\145\154\144\040\124\145\143\150\156\157\154\157  
\147\151\145\163\054\040\111\156\143\056\061\062\060\060\006\003  
\125\004\013\023\051\123\164\141\162\146\151\145\154\144\040\103  
\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202\001  
\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202  
\001\001\000\005\235\077\210\235\321\311\032\125\241\254\151\363  
\363\131\332\233\001\207\032\117\127\251\241\171\011\052\333\367  
\057\262\036\314\307\136\152\330\203\207\241\227\357\111\065\076  
\167\006\101\130\142\277\216\130\270\012\147\077\354\263\335\041  
\146\037\311\124\372\162\314\075\114\100\330\201\257\167\236\203  
\172\273\242\307\365\064\027\216\331\021\100\364\374\054\052\115  
\025\177\247\142\135\056\045\323\000\013\040\032\035\150\371\027  
\270\364\275\213\355\050\131\335\115\026\213\027\203\310\262\145  
\307\055\172\245\252\274\123\206\155\335\127\244\312\370\040\101  
\013\150\360\364\373\164\276\126\135\172\171\365\371\035\205\343  
\055\225\276\365\161\220\103\314\215\037\232\000\012\207\051\351  
\125\042\130\000\043\352\343\022\103\051\133\107\010\335\214\101  
\152\145\006\250\345\041\252\101\264\225\041\225\271\175\321\064

```
\253\023\326\255\274\334\342\075\071\315\275\076\165\160\241\030
\131\003\311\042\264\217\234\325\136\052\327\245\266\324\012\155
\370\267\100\021\106\232\037\171\016\142\277\017\227\354\340\057
\037\027\224
```

END

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

```
# Trust for "Starfield Class 2 CA"
```

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

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

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

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

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

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

```
14:65:FA:20:53:97:B8:76:FA:A6:F0:A9:95:8E:55:90:E4:0F:CC:7F:AA:4F:B7:C2:C8:67:75:21:FB:5F:B6:58
```

```
# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Starfield Class 2 CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\255\176\034\050\260\144\357\217\140\003\100\040\024\303\320\343
\067\016\265\212
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\062\112\113\273\310\143\151\233\276\164\232\306\335\035\106\044
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

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

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

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

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```

# Certificate "DigiCert Assured ID Root CA"
#
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39
# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (SHA-256):
3E:90:99:B5:01:5E:8F:48:6C:00:BC:EA:9D:11:1E:E7:21:FA:BA:35:5A:89:BC:F1:DF:69:56:1E:3D:C6:32:5C
# Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\347\340\345\027\330\106\376\217\345\140\374\033\360
\060\071
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\267\060\202\002\237\240\003\002\001\002\002\020\014
\347\340\345\027\330\106\376\217\345\140\374\033\360\060\071\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\145
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145

```

\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157  
\157\164\040\103\101\060\036\027\015\060\066\061\061\061\060\060  
\060\060\060\060\060\132\027\015\063\061\061\061\061\060\060\060  
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104  
\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006  
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145  
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023  
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145  
\144\040\111\104\040\122\157\157\164\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\255\016\025  
\316\344\103\200\134\261\207\363\267\140\371\161\022\245\256\334  
\046\224\210\252\364\316\365\040\071\050\130\140\014\370\200\332  
\251\025\225\062\141\074\265\261\050\204\212\212\334\237\012\014  
\203\027\172\217\220\254\212\347\171\123\134\061\204\052\366\017  
\230\062\066\166\314\336\335\074\250\242\357\152\373\041\362\122  
\141\337\237\040\327\037\342\261\331\376\030\144\322\022\133\137  
\371\130\030\065\274\107\315\241\066\371\153\177\324\260\070\076  
\301\033\303\214\063\331\330\057\030\376\050\017\263\247\203\326  
\303\156\104\300\141\065\226\026\376\131\234\213\166\155\327\361  
\242\113\015\053\377\013\162\332\236\140\320\216\220\065\306\170  
\125\207\040\241\317\345\155\012\310\111\174\061\230\063\154\042  
\351\207\320\062\132\242\272\023\202\021\355\071\027\235\231\072  
\162\241\346\372\244\331\325\027\061\165\256\205\175\042\256\077  
\001\106\206\366\050\171\310\261\332\344\127\027\304\176\034\016  
\260\264\222\246\126\263\275\262\227\355\252\247\360\267\305\250  
\077\225\026\320\377\241\226\353\010\137\030\167\117\002\003\001  
\000\001\243\143\060\141\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\105\353\242\257\364\222\313\202\061\055\121\213\247\247  
\041\235\363\155\310\017\060\037\006\003\125\035\043\004\030\060  
\026\200\024\105\353\242\257\364\222\313\202\061\055\121\213\247  
\247\041\235\363\155\310\017\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\001\001\000\242\016\274\337\342  
\355\360\343\162\163\172\144\224\277\367\162\146\330\062\344\102  
\165\142\256\207\353\362\325\331\336\126\263\237\314\316\024\050  
\271\015\227\140\134\022\114\130\344\323\075\203\111\105\130\227  
\065\151\032\250\107\352\126\306\171\253\022\330\147\201\204\337  
\177\011\074\224\346\270\046\054\040\275\075\263\050\211\367\137  
\377\042\342\227\204\037\351\145\357\207\340\337\301\147\111\263  
\135\353\262\011\052\353\046\355\170\276\175\077\053\363\267\046  
\065\155\137\211\001\266\111\133\237\001\005\233\253\075\045\301  
\314\266\177\302\361\157\206\306\372\144\150\353\201\055\224\353  
\102\267\372\214\036\335\142\361\276\120\147\267\154\275\363\361  
\037\153\014\066\007\026\177\067\174\251\133\155\172\361\022\106  
\140\203\327\047\004\276\113\316\227\276\303\147\052\150\021\337

```
\200\347\014\063\146\277\023\015\024\156\363\177\037\143\020\036
\372\215\033\045\155\154\217\245\267\141\001\261\322\243\046\241
\020\161\235\255\342\303\371\303\231\121\267\053\007\010\316\056
\346\120\262\247\372\012\105\057\242\360\362
```

END

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

```
# Trust for "DigiCert Assured ID Root CA"
```

```
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39
```

```
# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Not Valid Before: Fri Nov 10 00:00:00 2006
```

```
# Not Valid After : Mon Nov 10 00:00:00 2031
```

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

```
3E:90:99:B5:01:5E:8F:48:6C:00:BC:EA:9D:11:1E:E7:21:FA:BA:35:5A:89:BC:F1:DF:69:56:1E:3D:C6:32:5C
```

```
# Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\005\143\270\143\015\142\327\132\273\310\253\036\113\337\265\250
\231\262\115\103
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\207\316\013\173\052\016\111\000\341\130\161\233\067\250\223\162
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

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

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

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

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```

#
# Certificate "DigiCert Global Root CA"
#
# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a
# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (SHA-256):
43:48:A0:E9:44:4C:78:CB:26:5E:05:8D:5E:89:44:B4:D8:4F:96:62:BD:26:DB:25:7F:89:34:A4:43:C7:01:61
# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\073\340\126\220\102\106\261\241\165\152\311\131\221
\307\112
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\257\060\202\002\227\240\003\002\001\002\002\020\010
\073\340\126\220\102\106\261\241\165\152\311\131\221\307\112\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061

```

\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145  
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\103  
\101\060\036\027\015\060\066\061\061\061\060\060\060\060\060\060  
\060\132\027\015\063\061\061\061\061\060\060\060\060\060\060\060  
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103  
\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013  
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143  
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147  
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157  
\164\040\103\101\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\342\073\341\021\162\336\250\244\323\243\127  
\252\120\242\217\013\167\220\311\242\245\356\022\316\226\133\001  
\011\040\314\001\223\247\116\060\267\123\367\103\304\151\000\127  
\235\342\215\042\335\207\006\100\000\201\011\316\316\033\203\277  
\337\315\073\161\106\342\326\146\307\005\263\166\047\026\217\173  
\236\036\225\175\356\267\110\243\010\332\326\257\172\014\071\006  
\145\177\112\135\037\274\027\370\253\276\356\050\327\164\177\172  
\170\231\131\205\150\156\134\043\062\113\277\116\300\350\132\155  
\343\160\277\167\020\277\374\001\366\205\331\250\104\020\130\062  
\251\165\030\325\321\242\276\107\342\047\152\364\232\063\370\111  
\010\140\213\324\137\264\072\204\277\241\252\112\114\175\076\317  
\117\137\154\166\136\240\113\067\221\236\334\042\346\155\316\024  
\032\216\152\313\376\315\263\024\144\027\307\133\051\236\062\277  
\362\356\372\323\013\102\324\253\267\101\062\332\014\324\357\370  
\201\325\273\215\130\077\265\033\350\111\050\242\160\332\061\004  
\335\367\262\026\362\114\012\116\007\250\355\112\075\136\265\177  
\243\220\303\257\047\002\003\001\000\001\243\143\060\141\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\035\006\003\125\035\016\004\026\004\024\003\336\120\065\126\321  
\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060\037  
\006\003\125\035\043\004\030\060\026\200\024\003\336\120\065\126  
\321\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202  
\001\001\000\313\234\067\252\110\023\022\012\372\335\104\234\117  
\122\260\364\337\256\004\365\171\171\010\243\044\030\374\113\053  
\204\300\055\271\325\307\376\364\301\037\130\313\270\155\234\172  
\164\347\230\051\253\021\265\343\160\240\241\315\114\210\231\223  
\214\221\160\342\253\017\034\276\223\251\377\143\325\344\007\140  
\323\243\277\235\133\011\361\325\216\343\123\364\216\143\372\077  
\247\333\264\146\337\142\146\326\321\156\101\215\362\055\265\352  
\167\112\237\235\130\342\053\131\300\100\043\355\055\050\202\105  
\076\171\124\222\046\230\340\200\110\250\067\357\360\326\171\140  
\026\336\254\350\016\315\156\254\104\027\070\057\111\332\341\105  
\076\052\271\066\123\317\072\120\006\367\056\350\304\127\111\154  
\141\041\030\325\004\255\170\074\054\072\200\153\247\353\257\025

```
\024\351\330\211\301\271\070\154\342\221\154\212\377\144\271\167
\045\127\060\300\033\044\243\341\334\351\337\107\174\265\264\044
\010\005\060\354\055\275\013\277\105\277\120\271\251\363\353\230
\001\022\255\310\210\306\230\064\137\215\012\074\306\351\325\225
\225\155\336
```

END

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

```
# Trust for "DigiCert Global Root CA"
```

```
# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a
```

```
# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Not Valid Before: Fri Nov 10 00:00:00 2006
```

```
# Not Valid After : Mon Nov 10 00:00:00 2031
```

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

```
43:48:A0:E9:44:4C:78:CB:26:5E:05:8D:5E:89:44:B4:D8:4F:96:62:BD:26:DB:25:7F:89:34:A4:43:C7:01:61
```

```
# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Global Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\250\230\135\072\145\345\345\304\262\327\326\155\100\306\335\057
\261\234\124\066
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\171\344\251\204\015\175\072\226\327\300\117\342\103\114\211\056
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

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

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

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

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "DigiCert High Assurance EV Root CA"
#
# Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77
# Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (SHA-256):
74:31:E5:F4:C3:C1:CE:46:90:77:4F:0B:61:E0:54:40:88:3B:A9:A0:1E:D0:0B:A6:AB:D7:80:6E:D3:B1:18:CF
# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert High Assurance EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106
\045\167
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\305\060\202\002\255\240\003\002\001\002\002\020\002
\254\134\046\152\013\100\233\217\013\171\362\256\106\045\167\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\154
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
```

\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\053\060\051\006\003\125\004\003\023\042\104\151\147\151\103\145  
\162\164\040\110\151\147\150\040\101\163\163\165\162\141\156\143  
\145\040\105\126\040\122\157\157\164\040\103\101\060\036\027\015  
\060\066\061\061\061\060\060\060\060\060\060\060\132\027\015\063  
\061\061\061\061\060\060\060\060\060\060\060\132\060\154\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006  
\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111  
\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167  
\056\144\151\147\151\143\145\162\164\056\143\157\155\061\053\060  
\051\006\003\125\004\003\023\042\104\151\147\151\103\145\162\164  
\040\110\151\147\150\040\101\163\163\165\162\141\156\143\145\040  
\105\126\040\122\157\157\164\040\103\101\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\306\314\345\163\346  
\373\324\273\345\055\055\062\246\337\345\201\077\311\315\045\111  
\266\161\052\303\325\224\064\147\242\012\034\260\137\151\246\100  
\261\304\267\262\217\320\230\244\251\101\131\072\323\334\224\326  
\074\333\164\070\244\112\314\115\045\202\367\112\245\123\022\070  
\356\363\111\155\161\221\176\143\266\253\246\137\303\244\204\370  
\117\142\121\276\370\305\354\333\070\222\343\006\345\010\221\014  
\304\050\101\125\373\313\132\211\025\176\161\350\065\277\115\162  
\011\075\276\072\070\120\133\167\061\033\215\263\307\044\105\232  
\247\254\155\000\024\132\004\267\272\023\353\121\012\230\101\101  
\042\116\145\141\207\201\101\120\246\171\134\211\336\031\112\127  
\325\056\346\135\034\123\054\176\230\315\032\006\026\244\150\163  
\320\064\004\023\134\241\161\323\132\174\125\333\136\144\341\067  
\207\060\126\004\345\021\264\051\200\022\361\171\071\210\242\002  
\021\174\047\146\267\210\267\170\362\312\012\250\070\253\012\144  
\302\277\146\135\225\204\301\241\045\036\207\135\032\120\013\040  
\022\314\101\273\156\013\121\070\270\113\313\002\003\001\000\001  
\243\143\060\141\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002\357  
\143\144\053\303\060\037\006\003\125\035\043\004\030\060\026\200  
\024\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002  
\357\143\144\053\303\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\003\202\001\001\000\034\032\006\227\334\327\234  
\237\074\210\146\006\010\127\041\333\041\107\370\052\147\252\277  
\030\062\166\100\020\127\301\212\363\172\331\021\145\216\065\372  
\236\374\105\265\236\331\114\061\113\270\221\350\103\054\216\263  
\170\316\333\343\123\171\161\326\345\041\224\001\332\125\207\232  
\044\144\366\212\146\314\336\234\067\315\250\064\261\151\233\043  
\310\236\170\042\053\160\103\343\125\107\061\141\031\357\130\305  
\205\057\116\060\366\240\061\026\043\310\347\342\145\026\063\313  
\277\032\033\240\075\370\312\136\213\061\213\140\010\211\055\014  
\006\134\122\267\304\371\012\230\321\025\137\237\022\276\174\066

```
\143\070\275\104\244\177\344\046\053\012\304\227\151\015\351\214
\342\300\020\127\270\310\166\022\221\125\362\110\151\330\274\052
\002\133\017\104\324\040\061\333\364\272\160\046\135\220\140\236
\274\113\027\011\057\264\313\036\103\150\311\007\047\301\322\134
\367\352\041\271\150\022\234\074\234\277\236\374\200\134\233\143
\315\354\107\252\045\047\147\240\067\363\000\202\175\124\327\251
\370\351\056\023\243\167\350\037\112
```

END

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

```
# Trust for "DigiCert High Assurance EV Root CA"
```

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

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

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

```
# Not Valid Before: Fri Nov 10 00:00:00 2006
```

```
# Not Valid After : Mon Nov 10 00:00:00 2031
```

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

```
74:31:E5:F4:C3:C1:CE:46:90:77:4F:0B:61:E0:54:40:88:3B:A9:A0:1E:D0:0B:A6:AB:D7:80:6E:D3:B1:18:CF
```

```
# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert High Assurance EV Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\137\267\356\006\063\342\131\333\255\014\114\232\346\323\217\032
```

```
\141\307\334\045
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\324\164\336\127\134\071\262\323\234\205\203\305\300\145\111\212
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
```

```
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
```

```
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
```

```
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
```

```
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
```

```
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
```

```
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106
```

```
\045\167
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SwissSign Platinum CA - G2"

#

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SwissSign Platinum CA - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023  
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151  
\156\165\155\040\103\101\040\055\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023  
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151  
\156\165\155\040\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\301\060\202\003\251\240\003\002\001\002\002\010\116  
\262\000\147\014\003\135\117\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\111\061\013\060\011\006\003\125\004  
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014  
\123\167\151\163\163\123\151\147\156\040\101\107\061\043\060\041  
\006\003\125\004\003\023\032\123\167\151\163\163\123\151\147\156  
\040\120\154\141\164\151\156\165\155\040\103\101\040\055\040\107  
\062\060\036\027\015\060\066\061\060\062\065\060\070\063\066\060  
\060\132\027\015\063\066\061\060\062\065\060\070\063\066\060\060

\132\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110  
\061\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163  
\123\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003  
\023\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164  
\151\156\165\155\040\103\101\040\055\040\107\062\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\337\242  
\002\342\332\370\374\007\026\261\336\140\252\336\226\134\144\037  
\307\057\176\317\147\372\104\102\326\166\143\225\256\353\257\162  
\040\212\105\107\206\142\170\206\326\040\071\046\364\256\243\375  
\043\347\245\234\265\042\041\031\267\067\223\042\300\120\234\202  
\173\324\325\004\104\134\313\264\302\237\222\276\044\330\173\147  
\042\342\151\137\345\005\170\324\207\331\161\160\063\045\123\264  
\207\073\051\220\050\066\232\125\104\060\150\244\203\227\177\015  
\036\234\166\377\025\235\140\227\000\215\212\205\003\354\200\276  
\352\054\156\020\121\222\314\176\325\243\063\330\326\111\336\130  
\052\257\366\026\353\113\173\220\062\227\271\272\235\130\361\370  
\127\111\004\036\242\135\006\160\335\161\333\371\335\213\232\033  
\214\317\075\243\115\316\313\174\366\273\234\240\372\011\316\043  
\142\262\351\015\037\342\162\050\217\237\254\150\040\175\157\073  
\250\205\061\011\177\013\307\350\145\351\343\170\016\011\147\060  
\213\064\202\373\135\340\314\235\201\155\142\356\010\036\004\054  
\116\233\354\376\251\117\137\375\151\170\357\011\037\241\264\277  
\372\363\357\220\036\114\005\213\036\352\172\221\172\303\327\345  
\373\060\274\154\033\020\130\230\367\032\137\320\051\062\003\023  
\106\115\141\152\205\114\122\164\057\006\037\173\021\342\204\227  
\306\231\363\155\177\327\147\203\176\023\150\330\161\050\132\330  
\316\335\350\020\024\232\376\155\043\207\156\216\132\160\074\325  
\215\011\000\247\252\274\260\061\067\155\310\204\024\036\133\275  
\105\143\040\153\113\164\214\275\333\072\016\301\317\132\026\217  
\245\230\362\166\211\262\023\022\073\013\167\167\254\273\345\074  
\051\112\222\162\312\141\032\053\136\114\342\203\164\167\372\065  
\110\172\205\115\215\232\123\304\337\170\312\227\221\110\053\105  
\053\001\367\034\032\242\355\030\272\012\275\203\372\157\274\215  
\127\223\073\324\324\246\316\036\361\240\261\316\253\375\053\050  
\232\117\033\327\303\162\333\244\304\277\135\114\365\335\173\226  
\151\356\150\200\346\347\230\272\066\267\376\156\355\053\275\040  
\370\145\031\332\125\011\176\045\334\376\141\142\162\371\176\030  
\002\357\143\264\320\373\257\345\073\143\214\147\217\002\003\001  
\000\001\243\201\254\060\201\251\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016  
\004\026\004\024\120\257\314\007\207\025\107\157\070\305\264\145  
\321\336\225\252\351\337\234\314\060\037\006\003\125\035\043\004  
\030\060\026\200\024\120\257\314\007\207\025\107\157\070\305\264  
\145\321\336\225\252\351\337\234\314\060\106\006\003\125\035\040  
\004\077\060\075\060\073\006\011\140\205\164\001\131\001\001\001  
\001\060\056\060\054\006\010\053\006\001\005\005\007\002\001\026

\040\150\164\164\160\072\057\057\162\145\160\157\163\151\164\157  
\162\171\056\163\167\151\163\163\163\151\147\156\056\143\157\155  
\057\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\002\001\000\010\205\246\365\026\014\374\104\032\301\143  
\340\371\125\106\010\374\160\034\102\050\226\216\267\305\301\101  
\165\116\011\161\171\345\155\226\312\113\245\210\140\320\060\164  
\270\312\010\334\264\060\236\100\007\026\153\145\225\167\001\256  
\244\267\065\013\201\332\161\025\251\164\027\070\173\130\312\371  
\057\373\300\145\166\215\133\001\271\175\336\202\075\144\270\276  
\024\164\243\012\124\323\054\225\030\027\065\365\121\153\077\217  
\242\226\141\071\170\153\113\345\246\240\370\123\337\121\020\223  
\142\347\200\057\342\321\340\274\216\066\106\167\063\354\270\373  
\216\232\054\211\115\061\021\017\046\236\004\273\267\004\215\013  
\362\271\374\132\235\073\026\267\057\310\230\253\376\212\120\131  
\056\243\073\374\051\135\213\301\113\311\342\212\023\035\261\277  
\273\102\035\122\335\116\330\024\136\020\306\061\007\357\161\047  
\367\033\071\011\334\202\352\213\263\225\206\136\375\365\332\135  
\061\246\340\061\266\224\346\104\111\164\305\026\345\367\037\003  
\141\050\305\310\313\022\240\102\113\371\153\210\010\215\264\062  
\030\363\165\237\304\177\000\117\005\225\234\243\027\002\303\263  
\123\233\252\040\071\051\053\146\372\235\257\136\263\222\322\265  
\246\341\032\371\055\101\151\201\024\264\264\265\355\211\075\316  
\373\251\235\065\102\104\261\034\024\163\201\317\052\001\065\232  
\061\325\055\217\155\204\337\200\115\127\343\077\305\204\165\332  
\211\306\060\273\353\217\313\042\010\240\256\252\361\003\154\072  
\113\115\011\245\016\162\306\126\153\041\102\116\043\045\024\150  
\256\166\012\174\014\007\160\144\371\232\057\366\005\071\046\306  
\014\217\031\177\103\136\156\364\133\025\057\333\141\135\346\147  
\057\077\010\224\371\140\264\230\061\332\164\361\204\223\161\115  
\137\373\140\130\321\373\304\301\155\211\242\273\040\037\235\161  
\221\313\062\233\023\075\076\175\222\122\065\254\222\224\242\323  
\030\302\174\307\352\257\166\005\026\335\147\047\302\176\034\007  
\042\041\363\100\012\033\064\007\104\023\302\204\152\216\337\031  
\132\277\177\353\035\342\032\070\321\134\257\107\222\153\200\265  
\060\245\311\215\330\253\061\201\037\337\302\146\067\323\223\251  
\205\206\171\145\322

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SwissSign Platinum CA - G2"  
# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH  
# Serial Number:4e:b2:00:67:0c:03:5d:4f  
# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH  
# Not Valid Before: Wed Oct 25 08:36:00 2006  
# Not Valid After : Sat Oct 25 08:36:00 2036  
# Fingerprint (SHA-256):

```

3B:22:2E:56:67:11:E9:92:30:0D:C0:B1:5A:B9:47:3D:AF:DE:F8:C8:4D:0C:EF:7D:33:17:B4:C1:82:1D:14:36
# Fingerprint (SHA1): 56:E0:FA:C0:3B:8F:18:23:55:18:E5:D3:11:CA:E8:C2:43:31:AB:66
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\126\340\372\300\073\217\030\043\125\030\345\323\021\312\350\302
\103\061\253\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\311\230\047\167\050\036\075\016\025\074\204\000\270\205\003\346
END
CKA_ISSUER MULTILINE_OCTAL
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\116\262\000\147\014\003\135\117
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SwissSign Gold CA - G2"
#
# Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Serial Number:00:bb:40:1c:43:f5:5e:4f:b0
# Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:30:35 2006
# Not Valid After : Sat Oct 25 08:30:35 2036
# Fingerprint (SHA-256):
62:DD:0B:E9:B9:F5:0A:16:3E:A0:F8:E7:5C:05:3B:1E:CA:57:EA:55:C8:68:8F:64:7C:68:81:F2:C8:35:7B:95
# Fingerprint (SHA1): D8:C5:38:8A:B7:30:1B:1B:6E:D4:7A:E6:45:25:3A:6F:9F:1A:27:61
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061

```

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

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\272\060\202\003\242\240\003\002\001\002\002\011\000  
\273\100\034\103\365\136\117\260\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\060\105\061\013\060\011\006\003\125  
\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023  
\014\123\167\151\163\163\123\151\147\156\040\101\107\061\037\060  
\035\006\003\125\004\003\023\026\123\167\151\163\163\123\151\147  
\156\040\107\157\154\144\040\103\101\040\055\040\107\062\060\036  
\027\015\060\066\061\060\062\065\060\070\063\060\063\065\132\027  
\015\063\066\061\060\062\065\060\070\063\060\063\065\132\060\105  
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025\060  
\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151\147  
\156\040\101\107\061\037\060\035\006\003\125\004\003\023\026\123  
\167\151\163\163\123\151\147\156\040\107\157\154\144\040\103\101  
\040\055\040\107\062\060\202\002\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002  
\012\002\202\002\001\000\257\344\356\176\213\044\016\022\156\251  
\120\055\026\104\073\222\222\134\312\270\135\204\222\102\023\052  
\274\145\127\202\100\076\127\044\315\120\213\045\052\267\157\374  
\357\242\320\300\037\002\044\112\023\226\217\043\023\346\050\130  
\000\243\107\307\006\247\204\043\053\273\275\226\053\177\125\314  
\213\301\127\037\016\142\145\017\335\075\126\212\163\332\256\176  
\155\272\201\034\176\102\214\040\065\331\103\115\204\372\204\333  
\122\054\363\016\047\167\013\153\277\021\057\162\170\237\056\330  
\076\346\030\067\132\052\162\371\332\142\220\222\225\312\037\234  
\351\263\074\053\313\363\001\023\277\132\317\301\265\012\140\275  
\335\265\231\144\123\270\240\226\263\157\342\046\167\221\214\340  
\142\020\002\237\064\017\244\325\222\063\121\336\276\215\272\204  
\172\140\074\152\333\237\053\354\336\336\001\077\156\115\345\120  
\206\313\264\257\355\104\100\305\312\132\214\332\322\053\174\250  
\356\276\246\345\012\252\016\245\337\005\122\267\125\307\042\135  
\062\152\227\227\143\023\333\311\333\171\066\173\205\072\112\305

|122|211|371|044|347|235|167|251|202|377|125|034|245|161|151|053  
|321|002|044|362|263|046|324|153|332|004|125|345|301|012|307|155  
|060|067|220|052|344|236|024|063|136|026|027|125|305|133|265|313  
|064|211|222|361|235|046|217|241|007|324|306|262|170|120|333|014  
|014|013|174|013|214|101|327|271|351|335|214|210|367|243|115|262  
|062|314|330|027|332|315|267|316|146|235|324|375|136|377|275|227  
|076|051|165|347|176|247|142|130|257|045|064|245|101|307|075|274  
|015|120|312|003|003|017|010|132|037|225|163|170|142|277|257|162  
|024|151|016|245|345|003|016|170|216|046|050|102|360|007|013|142  
|040|020|147|071|106|372|251|003|314|004|070|172|146|357|040|203  
|265|214|112|126|216|221|000|374|216|134|202|336|210|240|303|342  
|150|156|175|215|357|074|335|145|364|135|254|121|357|044|200|256  
|252|126|227|157|371|255|175|332|141|077|230|167|074|245|221|266  
|034|214|046|332|145|242|011|155|301|342|124|343|271|312|114|114  
|200|217|167|173|140|232|036|337|266|362|110|036|016|272|116|124  
|155|230|340|341|242|032|242|167|120|317|304|143|222|354|107|031  
|235|353|346|153|316|301|002|003|001|000|001|243|201|254|060|201  
|251|060|016|006|003|125|035|017|001|001|377|004|004|003|002|001  
|006|060|017|006|003|125|035|023|001|001|377|004|005|060|003|001  
|001|377|060|035|006|003|125|035|016|004|026|004|024|133|045|173  
|226|244|145|121|176|270|071|363|300|170|146|136|350|072|347|360  
|356|060|037|006|003|125|035|043|004|030|060|026|200|024|133|045  
|173|226|244|145|121|176|270|071|363|300|170|146|136|350|072|347  
|360|356|060|106|006|003|125|035|040|004|077|060|075|060|073|006  
|011|140|205|164|001|131|001|002|001|001|060|056|060|054|006|010  
|053|006|001|005|005|007|002|001|026|040|150|164|164|160|072|057  
|057|162|145|160|157|163|151|164|157|162|171|056|163|167|151|163  
|163|163|151|147|156|056|143|157|155|057|060|015|006|011|052|206  
|110|206|367|015|001|001|005|005|000|003|202|002|001|000|047|272  
|343|224|174|361|256|300|336|027|346|345|330|325|365|124|260|203  
|364|273|315|136|005|173|117|237|165|146|257|074|350|126|176|374  
|162|170|070|003|331|053|142|033|000|271|370|351|140|315|314|316  
|121|212|307|120|061|156|341|112|176|030|057|151|131|266|075|144  
|201|053|343|203|204|346|042|207|216|175|340|356|002|231|141|270  
|036|364|270|053|210|022|026|204|302|061|223|070|226|061|246|271  
|073|123|077|303|044|223|126|133|151|222|354|305|301|273|070|000  
|343|354|027|251|270|334|307|174|001|203|237|062|107|272|122|042  
|064|035|062|172|011|126|247|174|045|066|251|075|113|332|300|202  
|157|012|273|022|310|207|113|047|021|371|036|055|307|223|077|236  
|333|137|046|153|122|331|056|212|361|024|306|104|215|025|251|267  
|277|275|336|246|032|356|256|055|373|110|167|027|376|273|354|257  
|030|365|052|121|360|071|204|227|225|154|156|033|303|053|304|164  
|140|171|045|260|012|047|337|337|136|322|071|317|105|175|102|113  
|337|263|054|036|305|306|135|312|125|072|240|234|151|232|217|332  
|357|262|260|074|237|207|154|022|053|145|160|025|122|061|032|044  
|317|157|061|043|120|037|214|117|217|043|303|164|101|143|034|125  
|250|024|335|076|340|121|120|317|361|033|060|126|016|222|260|202  
|205|330|203|313|042|144|274|055|270|045|325|124|242|270|006|352

```
\255\222\244\044\240\301\206\265\112\023\152\107\317\056\013\126
\225\124\313\316\232\333\152\264\246\262\333\101\010\206\047\167
\367\152\240\102\154\013\070\316\327\165\120\062\222\302\337\053
\060\042\110\320\325\101\070\045\135\244\351\135\237\306\224\165
\320\105\375\060\227\103\217\220\253\012\307\206\163\140\112\151
\055\336\245\170\327\006\332\152\236\113\076\167\072\040\023\042
\001\320\277\150\236\143\140\153\065\115\013\155\272\241\075\300
\223\340\177\043\263\125\255\162\045\116\106\371\322\026\357\260
\144\301\001\236\351\312\240\152\230\016\317\330\140\362\057\111
\270\344\102\341\070\065\026\364\310\156\117\367\201\126\350\272
\243\276\043\257\256\375\157\003\340\002\073\060\166\372\033\155
\101\317\001\261\351\270\311\146\364\333\046\363\072\244\164\362
\111\044\133\311\260\320\127\301\372\076\172\341\227\311
```

END

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

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

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

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

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

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

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

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

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

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

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

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

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

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

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

```
CKA_ISSUER MULTILINE_OCTAL
```

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

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

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

```

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

#
# Certificate "SwissSign Silver CA - G2"
#
# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Serial Number:4f:1b:d4:2f:54:bb:2f:4b
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:32:46 2006
# Not Valid After : Sat Oct 25 08:32:46 2036
# Fingerprint (SHA-256):
BE:6C:4D:A2:BB:B9:BA:59:B6:F3:93:97:68:37:42:46:C3:C0:05:99:3F:A9:8F:02:0D:1D:ED:BE:D4:8A:81:D5
# Fingerprint (SHA1): 9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Silver CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\117\033\324\057\124\273\057\113
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\275\060\202\003\245\240\003\002\001\002\002\010\117
\033\324\057\124\273\057\113\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\107\061\013\060\011\006\003\125\004
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014
\123\167\151\163\163\123\151\147\156\040\101\107\061\041\060\037
\006\003\125\004\003\023\030\123\167\151\163\163\123\151\147\156

```

\040\123\151\154\166\145\162\040\103\101\040\055\040\107\062\060  
\036\027\015\060\066\061\060\062\065\060\070\063\062\064\066\132  
\027\015\063\066\061\060\062\065\060\070\063\062\064\066\132\060  
\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025  
\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151  
\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023\030  
\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145\162  
\040\103\101\040\055\040\107\062\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\304\361\207\177\323\170\061  
\367\070\311\370\303\231\103\274\307\367\274\067\347\116\161\272  
\113\217\245\163\035\134\156\230\256\003\127\256\070\067\103\057  
\027\075\037\310\316\150\020\301\170\256\031\003\053\020\372\054  
\171\203\366\350\271\150\271\125\362\004\104\247\071\371\374\004  
\213\036\361\242\115\047\371\141\173\272\267\345\242\023\266\353  
\141\076\320\154\321\346\373\372\136\355\035\264\236\240\065\133  
\241\222\313\360\111\222\376\205\012\005\076\346\331\013\342\117  
\273\334\225\067\374\221\351\062\065\042\321\037\072\116\047\205  
\235\260\025\224\062\332\141\015\107\115\140\102\256\222\107\350  
\203\132\120\130\351\212\213\271\135\241\334\335\231\112\037\066  
\147\273\110\344\203\266\067\353\110\072\257\017\147\217\027\007  
\350\004\312\357\152\061\207\324\300\266\371\224\161\173\147\144  
\270\266\221\112\102\173\145\056\060\152\014\365\220\356\225\346  
\362\315\202\354\331\241\112\354\366\262\113\345\105\205\346\155  
\170\223\004\056\234\202\155\066\251\304\061\144\037\206\203\013  
\052\364\065\012\170\311\125\317\101\260\107\351\060\237\231\276  
\141\250\006\204\271\050\172\137\070\331\033\251\070\260\203\177  
\163\301\303\073\110\052\202\017\041\233\270\314\250\065\303\204  
\033\203\263\076\276\244\225\151\001\072\211\000\170\004\331\311  
\364\231\031\253\126\176\133\213\206\071\025\221\244\020\054\011  
\062\200\140\263\223\300\052\266\030\013\235\176\215\111\362\020  
\112\177\371\325\106\057\031\222\243\231\247\046\254\273\214\074  
\346\016\274\107\007\334\163\121\361\160\144\057\010\371\264\107  
\035\060\154\104\352\051\067\205\222\150\146\274\203\070\376\173  
\071\056\323\120\360\037\373\136\140\266\251\246\372\047\101\361  
\233\030\162\362\365\204\164\112\311\147\304\124\256\110\144\337  
\214\321\156\260\035\341\007\217\010\036\231\234\161\351\114\330  
\245\367\107\022\037\164\321\121\236\206\363\302\242\043\100\013  
\163\333\113\246\347\163\006\214\301\240\351\301\131\254\106\372  
\346\057\370\317\161\234\106\155\271\304\025\215\070\171\003\105  
\110\357\304\135\327\010\356\207\071\042\206\262\015\017\130\103  
\367\161\251\110\056\375\352\326\037\002\003\001\000\001\243\201  
\254\060\201\251\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034\302  
\230\372\206\130\060\037\006\003\125\035\043\004\030\060\026\200  
\024\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034

\302\230\372\206\130\060\106\006\003\125\035\040\004\077\060\075  
\060\073\006\011\140\205\164\001\131\001\003\001\001\060\056\060  
\054\006\010\053\006\001\005\005\007\002\001\026\040\150\164\164  
\160\072\057\057\162\145\160\157\163\151\164\157\162\171\056\163  
\167\151\163\163\163\151\147\156\056\143\157\155\057\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001  
\000\163\306\201\340\047\322\055\017\340\225\060\342\232\101\177  
\120\054\137\137\142\141\251\206\152\151\030\014\164\111\326\135  
\204\352\101\122\030\157\130\255\120\126\040\152\306\275\050\151  
\130\221\334\221\021\065\251\072\035\274\032\245\140\236\330\037  
\177\105\221\151\331\176\273\170\162\301\006\017\052\316\217\205  
\160\141\254\240\315\013\270\071\051\126\204\062\116\206\273\075  
\304\052\331\327\037\162\356\376\121\241\042\101\261\161\002\143  
\032\202\260\142\253\136\127\022\037\337\313\335\165\240\300\135  
\171\220\214\033\340\120\346\336\061\376\230\173\160\137\245\220  
\330\255\370\002\266\157\323\140\335\100\113\042\305\075\255\072  
\172\237\032\032\107\221\171\063\272\202\334\062\151\003\226\156  
\037\113\360\161\376\343\147\162\240\261\277\134\213\344\372\231  
\042\307\204\271\033\215\043\227\077\355\045\340\317\145\273\365  
\141\004\357\335\036\262\132\101\042\132\241\237\135\054\350\133  
\311\155\251\014\014\170\252\140\306\126\217\001\132\014\150\274  
\151\031\171\304\037\176\227\005\277\305\351\044\121\136\324\325  
\113\123\355\331\043\132\066\003\145\243\301\003\255\101\060\363  
\106\033\205\220\257\145\265\325\261\344\026\133\170\165\035\227  
\172\155\131\251\052\217\173\336\303\207\211\020\231\111\163\170  
\310\075\275\121\065\164\052\325\361\176\151\033\052\273\073\275  
\045\270\232\132\075\162\141\220\146\207\356\014\326\115\324\021  
\164\013\152\376\013\003\374\243\125\127\211\376\112\313\256\133  
\027\005\310\362\215\043\061\123\070\322\055\152\077\202\271\215  
\010\152\367\136\101\164\156\303\021\176\007\254\051\140\221\077  
\070\312\127\020\015\275\060\057\307\245\346\101\240\332\256\005  
\207\232\240\244\145\154\114\011\014\211\272\270\323\271\300\223  
\212\060\372\215\345\232\153\025\001\116\147\252\332\142\126\076  
\204\010\146\322\304\066\175\247\076\020\374\210\340\324\200\345  
\000\275\252\363\116\006\243\172\152\371\142\162\343\011\117\353  
\233\016\001\043\361\237\273\174\334\334\154\021\227\045\262\362  
\264\143\024\322\006\052\147\214\203\365\316\352\007\330\232\152  
\036\354\344\012\273\052\114\353\011\140\071\316\312\142\330\056  
\156

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SwissSign Silver CA - G2"  
# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH  
# Serial Number:4f:1b:d4:2f:54:bb:2f:4b  
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH

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# Not Valid Before: Wed Oct 25 08:32:46 2006
# Not Valid After : Sat Oct 25 08:32:46 2036
# Fingerprint (SHA-256):
BE:6C:4D:A2:BB:B9:BA:59:B6:F3:93:97:68:37:42:46:C3:C0:05:99:3F:A9:8F:02:0D:1D:ED:BE:D4:8A:81:D5
# Fingerprint (SHA1): 9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Silver CA - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\233\252\345\237\126\356\041\313\103\132\276\045\223\337\247\360
\100\321\035\313
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\340\006\241\311\175\317\311\374\015\300\126\165\226\330\142\023
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\117\033\324\057\124\273\057\113
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SecureTrust CA"
#
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:31:18 2006
# Not Valid After : Mon Dec 31 19:40:55 2029
# Fingerprint (SHA-256):
F1:C1:B5:0A:E5:A2:0D:D8:03:0E:C9:F6:BC:24:82:3D:D3:67:B5:25:57:59:B4:E7:1B:61:FC:E9:F7:37:5D:73
# Fingerprint (SHA1): 87:82:C6:C3:04:35:3B:CF:D2:96:92:D2:59:3E:7D:44:D9:34:FF:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureTrust CA"

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CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145  
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157  
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165  
\162\145\124\162\165\163\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145  
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157  
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165  
\162\145\124\162\165\163\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_VALUE MULTILINE\_OCTAL

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

\354\066\224\150\172\167\244\261\347\016\057\201\172\342\265\162  
\206\357\242\153\213\360\017\333\323\131\077\272\162\274\104\044  
\234\343\163\263\367\257\127\057\102\046\235\251\164\272\000\122  
\362\113\315\123\174\107\013\066\205\016\146\251\010\227\026\064  
\127\301\146\367\200\343\355\160\124\307\223\340\056\050\025\131  
\207\272\273\002\003\001\000\001\243\201\235\060\201\232\060\023  
\006\011\053\006\001\004\001\202\067\024\002\004\006\036\004\000  
\103\000\101\060\013\006\003\125\035\017\004\004\003\002\001\206  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\102\062\266\026  
\372\004\375\376\135\113\172\303\375\367\114\100\035\132\103\257  
\060\064\006\003\125\035\037\004\055\060\053\060\051\240\047\240  
\045\206\043\150\164\164\160\072\057\057\143\162\154\056\163\145  
\143\165\162\145\164\162\165\163\164\056\143\157\155\057\123\124  
\103\101\056\143\162\154\060\020\006\011\053\006\001\004\001\202  
\067\025\001\004\003\002\001\000\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\060\355\117\112  
\341\130\072\122\162\133\265\246\243\145\030\246\273\121\073\167  
\351\235\352\323\237\134\340\105\145\173\015\312\133\342\160\120  
\262\224\005\024\256\111\307\215\101\007\022\163\224\176\014\043  
\041\375\274\020\177\140\020\132\162\365\230\016\254\354\271\177  
\335\172\157\135\323\034\364\377\210\005\151\102\251\005\161\310  
\267\254\046\350\056\264\214\152\377\161\334\270\261\337\231\274  
\174\041\124\053\344\130\242\273\127\051\256\236\251\243\031\046  
\017\231\056\010\260\357\375\151\317\231\032\011\215\343\247\237  
\053\311\066\064\173\044\263\170\114\225\027\244\006\046\036\266  
\144\122\066\137\140\147\331\234\305\005\164\013\347\147\043\322  
\010\374\210\351\256\213\177\341\060\364\067\176\375\306\062\332  
\055\236\104\060\060\154\356\007\336\322\064\374\322\377\100\366  
\113\364\146\106\006\124\246\362\062\012\143\046\060\153\233\321  
\334\213\107\272\341\271\325\142\320\242\240\364\147\005\170\051  
\143\032\157\004\326\370\306\114\243\232\261\067\264\215\345\050  
\113\035\236\054\302\270\150\274\355\002\356\061

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SecureTrust CA"

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureTrust CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\207\202\306\303\004\065\073\317\322\226\222\322\131\076\175\104
\331\064\377\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\334\062\303\247\155\045\127\307\150\011\235\352\055\251\242\321
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\320
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

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

\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165  
\162\145\040\107\154\157\142\141\154\040\103\101  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145  
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157  
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165  
\162\145\040\107\154\157\142\141\154\040\103\101  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370  
\352\245  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\003\274\060\202\002\244\240\003\002\001\002\002\020\007  
\126\042\244\350\324\212\211\115\364\023\310\360\370\352\245\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\112  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\040\060  
\036\006\003\125\004\012\023\027\123\145\143\165\162\145\124\162  
\165\163\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\031\060\027\006\003\125\004\003\023\020\123\145\143\165\162\145  
\040\107\154\157\142\141\154\040\103\101\060\036\027\015\060\066  
\061\061\060\067\061\071\064\062\062\070\132\027\015\062\071\061  
\062\063\061\061\071\065\062\060\066\132\060\112\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\040\060\036\006\003\125  
\004\012\023\027\123\145\143\165\162\145\124\162\165\163\164\040  
\103\157\162\160\157\162\141\164\151\157\156\061\031\060\027\006  
\003\125\004\003\023\020\123\145\143\165\162\145\040\107\154\157  
\142\141\154\040\103\101\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\257\065\056\330\254\154\125\151\006  
\161\345\023\150\044\263\117\330\314\041\107\370\361\140\070\211  
\211\003\351\275\352\136\106\123\011\334\134\365\132\350\367\105  
\052\002\353\061\141\327\051\063\114\316\307\174\012\067\176\017  
\272\062\230\341\035\227\257\217\307\334\311\070\226\363\333\032  
\374\121\355\150\306\320\156\244\174\044\321\256\102\310\226\120  
\143\056\340\376\165\376\230\247\137\111\056\225\343\071\063\144  
\216\036\244\137\220\322\147\074\262\331\376\101\271\125\247\011  
\216\162\005\036\213\335\104\205\202\102\320\111\300\035\140\360  
\321\027\054\225\353\366\245\301\222\243\305\302\247\010\140\015  
\140\004\020\226\171\236\026\064\346\251\266\372\045\105\071\310  
\036\145\371\223\365\252\361\122\334\231\230\075\245\206\032\014  
\065\063\372\113\245\004\006\025\034\061\200\357\252\030\153\302  
\173\327\332\316\371\063\040\325\365\275\152\063\055\201\004\373  
\260\134\324\234\243\342\134\035\343\251\102\165\136\173\324\167  
\357\071\124\272\311\012\030\033\022\231\111\057\210\113\375\120

\142\321\163\347\217\172\103\002\003\001\000\001\243\201\235\060  
\201\232\060\023\006\011\053\006\001\004\001\202\067\024\002\004  
\006\036\004\000\103\000\101\060\013\006\003\125\035\017\004\004  
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\257\104\004\302\101\176\110\203\333\116\071\002\354\354\204\172  
\346\316\311\244\060\064\006\003\125\035\037\004\055\060\053\060  
\051\240\047\240\045\206\043\150\164\164\160\072\057\057\143\162  
\154\056\163\145\143\165\162\145\164\162\165\163\164\056\143\157  
\155\057\123\107\103\101\056\143\162\154\060\020\006\011\053\006  
\001\004\001\202\067\025\001\004\003\002\001\000\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\143\032\010\100\175\244\136\123\015\167\330\172\256\037\015\013  
\121\026\003\357\030\174\310\343\257\152\130\223\024\140\221\262  
\204\334\210\116\276\071\212\072\363\346\202\211\135\001\067\263  
\253\044\244\025\016\222\065\132\112\104\136\116\127\372\165\316  
\037\110\316\146\364\074\100\046\222\230\154\033\356\044\106\014  
\027\263\122\245\333\245\221\221\317\067\323\157\347\047\010\072  
\116\031\037\072\247\130\134\027\317\171\077\213\344\247\323\046  
\043\235\046\017\130\151\374\107\176\262\320\215\213\223\277\051  
\117\103\151\164\166\147\113\317\007\214\346\002\367\265\341\264  
\103\265\113\055\024\237\371\334\046\015\277\246\107\164\006\330  
\210\321\072\051\060\204\316\322\071\200\142\033\250\307\127\111  
\274\152\125\121\147\025\112\276\065\007\344\325\165\230\067\171  
\060\024\333\051\235\154\305\151\314\107\125\242\060\367\314\134  
\177\302\303\230\034\153\116\026\200\353\172\170\145\105\242\000  
\032\257\014\015\125\144\064\110\270\222\271\361\264\120\051\362  
\117\043\037\332\154\254\037\104\341\335\043\170\121\133\307\026

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Secure Global CA"

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Secure Global CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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

END

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "COMODO Certification Authority"

#

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "COMODO Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006

\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006  
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\035\060\202\003\005\240\003\002\001\002\002\020\116  
\201\055\212\202\145\340\013\002\356\076\065\002\106\345\075\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\201\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033  
\060\031\006\003\125\004\010\023\022\107\162\145\141\164\145\162  
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006  
\003\125\004\007\023\007\123\141\154\146\157\162\144\061\032\060  
\030\006\003\125\004\012\023\021\103\117\115\117\104\117\040\103  
\101\040\114\151\155\151\164\145\144\061\047\060\045\006\003\125  
\004\003\023\036\103\117\115\117\104\117\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060  
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065  
\071\132\060\201\201\061\013\060\011\006\003\125\004\006\023\002  
\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162\145  
\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162\061  
\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157\162  
\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115\117  
\104\117\040\103\101\040\114\151\155\151\164\145\144\061\047\060  
\045\006\003\125\004\003\023\036\103\117\115\117\104\117\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\320\100\213\213\162\343\221\033\367  
\121\301\033\124\004\230\323\251\277\301\346\212\135\073\207\373  
\273\210\316\015\343\057\077\006\226\360\242\051\120\231\256\333  
\073\241\127\260\164\121\161\315\355\102\221\115\101\376\251\310

\330\152\206\167\104\273\131\146\227\120\136\264\324\054\160\104  
\317\332\067\225\102\151\074\060\304\161\263\122\360\041\115\241  
\330\272\071\174\034\236\243\044\235\362\203\026\230\252\026\174  
\103\233\025\133\267\256\064\221\376\324\142\046\030\106\232\077  
\353\301\371\361\220\127\353\254\172\015\213\333\162\060\152\146  
\325\340\106\243\160\334\150\331\377\004\110\211\167\336\265\351  
\373\147\155\101\351\274\071\275\062\331\142\002\361\261\250\075  
\156\067\234\342\057\342\323\242\046\213\306\270\125\103\210\341  
\043\076\245\322\044\071\152\107\253\000\324\241\263\251\045\376  
\015\077\247\035\272\323\121\301\013\244\332\254\070\357\125\120  
\044\005\145\106\223\064\117\055\215\255\306\324\041\031\322\216  
\312\005\141\161\007\163\107\345\212\031\022\275\004\115\316\116  
\234\245\110\254\273\046\367\002\003\001\000\001\243\201\216\060  
\201\213\060\035\006\003\125\035\016\004\026\004\024\013\130\345  
\213\306\114\025\067\244\100\251\060\251\041\276\107\066\132\126  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\111\006\003\125\035\037\004\102\060\100\060\076\240  
\074\240\072\206\070\150\164\164\160\072\057\057\143\162\154\056  
\143\157\155\157\144\157\143\141\056\143\157\155\057\103\117\115  
\117\104\117\103\145\162\164\151\146\151\143\141\164\151\157\156  
\101\165\164\150\157\162\151\164\171\056\143\162\154\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001  
\000\076\230\236\233\366\033\351\327\071\267\170\256\035\162\030  
\111\323\207\344\103\202\353\077\311\252\365\250\265\357\125\174  
\041\122\145\371\325\015\341\154\364\076\214\223\163\221\056\002  
\304\116\007\161\157\300\217\070\141\010\250\036\201\012\300\057  
\040\057\101\213\221\334\110\105\274\361\306\336\272\166\153\063  
\310\000\055\061\106\114\355\347\235\317\210\224\377\063\300\126  
\350\044\206\046\270\330\070\070\337\052\153\335\022\314\307\077  
\107\027\114\242\302\006\226\011\326\333\376\077\074\106\101\337  
\130\342\126\017\074\073\301\034\223\065\331\070\122\254\356\310  
\354\056\060\116\224\065\264\044\037\113\170\151\332\362\002\070  
\314\225\122\223\360\160\045\131\234\040\147\304\356\371\213\127  
\141\364\222\166\175\077\204\215\125\267\350\345\254\325\361\365  
\031\126\246\132\373\220\034\257\223\353\345\034\324\147\227\135  
\004\016\276\013\203\246\027\203\271\060\022\240\305\063\025\005  
\271\015\373\307\005\166\343\330\112\215\374\064\027\243\306\041  
\050\276\060\105\061\036\307\170\276\130\141\070\254\073\342\001  
\145

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "COMODO Certification Authority"

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

```

# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (SHA-256):
0C:2C:D6:3D:F7:80:6F:A3:99:ED:E8:09:11:6B:57:5B:F8:79:89:F0:65:18:F9:80:8C:86:05:03:17:8B:AF:66
# Fingerprint (SHA1): 66:31:BF:9E:F7:4F:9E:B6:C9:D5:A6:0C:BA:6A:BE:D1:F7:BD:EF:7B
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\146\061\277\236\367\117\236\266\311\325\246\014\272\152\276\321
\367\275\357\173
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\134\110\334\367\102\162\354\126\224\155\034\314\161\065\200\165
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106
\345\075
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Network Solutions Certificate Authority"
#
# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0
# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029

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# Fingerprint (SHA-256):
15:F0:BA:00:A3:AC:7A:F3:AC:88:4C:07:2B:10:11:A0:77:BD:77:C0:97:F4:01:64:B2:F8:59:8A:BD:83:86:0C
# Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\346\060\202\002\316\240\003\002\001\002\002\020\127
\313\063\157\302\134\026\346\107\026\027\343\220\061\150\340\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\142
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041\060
\037\006\003\125\004\012\023\030\116\145\164\167\157\162\153\040
\123\157\154\165\164\151\157\156\163\040\114\056\114\056\103\056
\061\060\060\056\006\003\125\004\003\023\047\116\145\164\167\157
\162\153\040\123\157\154\165\164\151\157\156\163\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065
\071\132\060\142\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\041\060\037\006\003\125\004\012\023\030\116\145\164\167
\157\162\153\040\123\157\154\165\164\151\157\156\163\040\114\056
\114\056\103\056\061\060\060\056\006\003\125\004\003\023\047\116

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\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\344\274\176\222\060\155\306\330\216  
\053\013\274\106\316\340\047\226\336\336\371\372\022\323\074\063  
\163\263\004\057\274\161\214\345\237\266\042\140\076\137\135\316  
\011\377\202\014\033\232\121\120\032\046\211\335\325\141\135\031  
\334\022\017\055\012\242\103\135\027\320\064\222\040\352\163\317  
\070\054\006\046\011\172\162\367\372\120\062\370\302\223\323\151  
\242\043\316\101\261\314\344\325\037\066\321\212\072\370\214\143  
\342\024\131\151\355\015\323\177\153\350\270\003\345\117\152\345  
\230\143\151\110\005\276\056\377\063\266\351\227\131\151\370\147  
\031\256\223\141\226\104\025\323\162\260\077\274\152\175\354\110  
\177\215\303\253\252\161\053\123\151\101\123\064\265\260\271\305  
\006\012\304\260\105\365\101\135\156\211\105\173\075\073\046\214  
\164\302\345\322\321\175\262\021\324\373\130\062\042\232\200\311  
\334\375\014\351\177\136\003\227\316\073\000\024\207\047\160\070  
\251\216\156\263\047\166\230\121\340\005\343\041\253\032\325\205  
\042\074\051\265\232\026\305\200\250\364\273\153\060\217\057\106  
\002\242\261\014\042\340\323\002\003\001\000\001\243\201\227\060  
\201\224\060\035\006\003\125\035\016\004\026\004\024\041\060\311  
\373\000\327\116\230\332\207\252\052\320\247\056\261\100\061\247  
\114\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\122\006\003\125\035\037\004\113\060\111\060\107\240  
\105\240\103\206\101\150\164\164\160\072\057\057\143\162\154\056  
\156\145\164\163\157\154\163\163\154\056\143\157\155\057\116\145  
\164\167\157\162\153\123\157\154\165\164\151\157\156\163\103\145  
\162\164\151\146\151\143\141\164\145\101\165\164\150\157\162\151  
\164\171\056\143\162\154\060\015\006\011\052\206\110\206\367\015  
\001\001\005\005\000\003\202\001\001\000\273\256\113\347\267\127  
\353\177\252\055\267\163\107\205\152\301\344\245\035\344\347\074  
\351\364\131\145\167\265\172\133\132\215\045\066\340\172\227\056  
\070\300\127\140\203\230\006\203\237\271\166\172\156\120\340\272  
\210\054\374\105\314\030\260\231\225\121\016\354\035\270\210\377  
\207\120\034\202\302\343\340\062\200\277\240\013\107\310\303\061  
\357\231\147\062\200\117\027\041\171\014\151\134\336\136\064\256  
\002\265\046\352\120\337\177\030\145\054\311\362\143\341\251\007  
\376\174\161\037\153\063\044\152\036\005\367\005\150\300\152\022  
\313\056\136\141\313\256\050\323\176\302\264\146\221\046\137\074  
\056\044\137\313\130\017\353\050\354\257\021\226\363\334\173\157  
\300\247\210\362\123\167\263\140\136\256\256\050\332\065\054\157  
\064\105\323\046\341\336\354\133\117\047\153\026\174\275\104\004  
\030\202\263\211\171\027\020\161\075\172\242\026\116\365\001\315  
\244\154\145\150\241\111\166\134\103\311\330\274\066\147\154\245  
\224\265\324\314\271\275\152\065\126\041\336\330\303\353\373\313  
\244\140\114\260\125\240\240\173\127\262

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Network Solutions Certificate Authority"
# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0
# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (SHA-256):
15:F0:BA:00:A3:AC:7A:F3:AC:88:4C:07:2B:10:11:A0:77:BD:77:C0:97:F4:01:64:B2:F8:59:8A:BD:83:86:0C
# Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\370\243\303\357\347\263\220\006\113\203\220\074\041\144\140
\040\345\337\316
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\323\363\246\026\300\372\153\035\131\261\055\226\115\016\021\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO ECC Certification Authority"
#
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater

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```
Manchester,C=GB
# Serial Number:1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a
# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Thu Mar 06 00:00:00 2008
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
17:93:92:7A:06:14:54:97:89:AD:CE:2F:8F:34:F7:F0:B6:6D:0F:3A:E3:A3:B8:4D:21:EC:15:DB:BA:4F:AD:C7
# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143
\231\052
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\211\060\202\002\017\240\003\002\001\002\002\020\037
\107\257\252\142\000\160\120\124\114\001\236\233\143\231\052\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\205\061\013
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006
\003\125\004\010\023\022\107\162\145\141\164\145\162\040\115\141
```

\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004  
\007\023\007\123\141\154\146\157\162\144\061\032\060\030\006\003  
\125\004\012\023\021\103\117\115\117\104\117\040\103\101\040\114  
\151\155\151\164\145\144\061\053\060\051\006\003\125\004\003\023  
\042\103\117\115\117\104\117\040\105\103\103\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\060\036\027\015\060\070\060\063\060\066\060\060\060  
\060\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071  
\065\071\132\060\201\205\061\013\060\011\006\003\125\004\006\023  
\002\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162  
\145\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162  
\061\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157  
\162\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115  
\117\104\117\040\103\101\040\114\151\155\151\164\145\144\061\053  
\060\051\006\003\125\004\003\023\042\103\117\115\117\104\117\040  
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\166\060\020\006  
\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003  
\142\000\004\003\107\173\057\165\311\202\025\205\373\165\344\221  
\026\324\253\142\231\365\076\122\013\006\316\101\000\177\227\341  
\012\044\074\035\001\004\356\075\322\215\011\227\014\340\165\344  
\372\373\167\212\052\365\003\140\113\066\213\026\043\026\255\011  
\161\364\112\364\050\120\264\376\210\034\156\077\154\057\057\011  
\131\133\245\133\013\063\231\342\303\075\211\371\152\054\357\262  
\323\006\351\243\102\060\100\060\035\006\003\125\035\016\004\026  
\004\024\165\161\247\031\110\031\274\235\235\352\101\107\337\224  
\304\110\167\231\323\171\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\012\006\010\052\206\110\316\075  
\004\003\003\003\150\000\060\145\002\061\000\357\003\133\172\254  
\267\170\012\162\267\210\337\377\265\106\024\011\012\372\240\346  
\175\010\306\032\207\275\030\250\163\275\046\312\140\014\235\316  
\231\237\317\134\017\060\341\276\024\061\352\002\060\024\364\223  
\074\111\247\063\172\220\106\107\263\143\175\023\233\116\267\157  
\030\067\200\123\376\335\040\340\065\232\066\321\307\001\271\346  
\334\335\363\377\035\054\072\026\127\331\222\071\326

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "COMODO ECC Certification Authority"  
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater  
Manchester,C=GB  
# Serial Number:1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a  
# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater  
Manchester,C=GB  
# Not Valid Before: Thu Mar 06 00:00:00 2008

```
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
17:93:92:7A:06:14:54:97:89:AD:CE:2F:8F:34:F7:F0:B6:6D:0F:3A:E3:A3:B8:4D:21:EC:15:DB:BA:4F:AD:C7
# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO ECC Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\237\164\116\237\053\115\272\354\017\061\054\120\266\126\073\216
\055\223\303\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\174\142\377\164\235\061\123\136\150\112\325\170\252\036\277\043
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143
\231\052
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GA CA"
#
# Issuer: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey,C=CH
# Serial Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a
# Subject: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey,C=CH
# Not Valid Before: Sun Dec 11 16:03:44 2005
# Not Valid After : Fri Dec 11 16:09:51 2037
# Fingerprint (SHA-256):
41:C9:23:86:6A:B4:CA:D6:B7:AD:57:80:81:58:2E:02:07:97:A6:CB:DF:4F:FF:78:CE:83:96:B3:89:37:D7:F5
```

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GA CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
```

END

CKA\_ID UTF8 "0"

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232
```

END

```
CKA_VALUE MULTILINE_OCTAL
\060\202\003\361\060\202\002\331\240\003\002\001\002\002\020\101
\075\162\307\364\153\037\201\103\175\361\322\050\124\337\232\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\212\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020
\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171
\061\033\060\031\006\003\125\004\013\023\022\103\157\160\171\162
\151\147\150\164\040\050\143\051\040\062\060\060\065\061\042\060
\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157
\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145
\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124
\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154
\040\122\157\157\164\040\107\101\040\103\101\060\036\027\015\060
\065\061\062\061\061\061\066\060\063\064\064\132\027\015\063\067
```

\061\062\061\061\061\066\060\071\065\061\132\060\201\212\061\013  
\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006  
\003\125\004\012\023\007\127\111\123\145\113\145\171\061\033\060  
\031\006\003\125\004\013\023\022\103\157\160\171\162\151\147\150  
\164\040\050\143\051\040\062\060\060\065\061\042\060\040\006\003  
\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156\144  
\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061\050  
\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040\127  
\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122\157  
\157\164\040\107\101\040\103\101\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\313\117\263\000\233\075\066  
\335\371\321\111\152\153\020\111\037\354\330\053\262\306\370\062  
\201\051\103\225\114\232\031\043\041\025\105\336\343\310\034\121  
\125\133\256\223\350\067\377\053\153\351\324\352\276\052\335\250  
\121\053\327\146\303\141\134\140\002\310\365\316\162\173\073\270  
\362\116\145\010\232\315\244\152\031\301\001\273\163\246\327\366  
\303\335\315\274\244\213\265\231\141\270\001\242\243\324\115\324  
\005\075\221\255\370\264\010\161\144\257\160\361\034\153\176\366  
\303\167\235\044\163\173\344\014\214\341\331\066\341\231\213\005  
\231\013\355\105\061\011\312\302\000\333\367\162\240\226\252\225  
\207\320\216\307\266\141\163\015\166\146\214\334\033\264\143\242  
\237\177\223\023\060\361\241\047\333\331\377\054\125\210\221\240  
\340\117\007\260\050\126\214\030\033\227\104\216\211\335\340\027  
\156\347\052\357\217\071\012\061\204\202\330\100\024\111\056\172  
\101\344\247\376\343\144\314\301\131\161\113\054\041\247\133\175  
\340\035\321\056\201\233\303\330\150\367\275\226\033\254\160\261  
\026\024\013\333\140\271\046\001\005\002\003\001\000\001\243\121  
\060\117\060\013\006\003\125\035\017\004\004\003\002\001\206\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\263\003\176\256\066  
\274\260\171\321\334\224\046\266\021\276\041\262\151\206\224\060  
\020\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001  
\000\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\113\241\377\013\207\156\263\371\301\103\261  
\110\363\050\300\035\056\311\011\101\372\224\000\034\244\244\253  
\111\117\217\075\036\357\115\157\275\274\244\366\362\046\060\311  
\020\312\035\210\373\164\031\037\205\105\275\260\154\121\371\066  
\176\333\365\114\062\072\101\117\133\107\317\350\013\055\266\304  
\031\235\164\305\107\306\073\152\017\254\024\333\074\364\163\234  
\251\005\337\000\334\164\170\372\370\065\140\131\002\023\030\174  
\274\373\115\260\040\155\103\273\140\060\172\147\063\134\305\231  
\321\370\055\071\122\163\373\214\252\227\045\134\162\331\010\036  
\253\116\074\343\201\061\237\003\246\373\300\376\051\210\125\332  
\204\325\120\003\266\342\204\243\246\066\252\021\072\001\341\030  
\113\326\104\150\263\075\371\123\164\204\263\106\221\106\226\000  
\267\200\054\266\341\343\020\342\333\242\347\050\217\001\226\142  
\026\076\000\343\034\245\066\201\030\242\114\122\166\300\021\243

```
\156\346\035\272\343\132\276\066\123\305\076\165\217\206\151\051
\130\123\265\234\273\157\237\134\305\030\354\335\057\341\230\311
\374\276\337\012\015
```

END

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

# Trust for "OISTE WISEKey Global Root GA CA"

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "OISTE WISEKey Global Root GA CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\131\042\241\341\132\352\026\065\041\370\230\071\152\106\106\260
\104\033\017\251
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\274\154\121\063\247\351\323\146\143\124\025\162\033\041\222\223
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

```
#  
# Certificate "Certigna"  
#  
# Issuer: CN=Certigna,O=Dhimyotis,C=FR  
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff  
# Subject: CN=Certigna,O=Dhimyotis,C=FR  
# Not Valid Before: Fri Jun 29 15:13:05 2007  
# Not Valid After : Tue Jun 29 15:13:05 2027  
# Fingerprint (SHA-256):  
E3:B6:A2:DB:2E:D7:CE:48:84:2F:7A:C5:32:41:C7:B7:1D:54:14:4B:FB:40:C1:1F:3F:1D:0B:42:F5:EE:A1:2D  
# Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97  
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE  
CKA_TOKEN CK_BBOOL CK_TRUE  
CKA_PRIVATE CK_BBOOL CK_FALSE  
CKA_MODIFIABLE CK_BBOOL CK_FALSE  
CKA_LABEL UTF8 "Certigna"  
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509  
CKA_SUBJECT MULTILINE_OCTAL  
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061  
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157  
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145  
\162\164\151\147\156\141  
END  
CKA_ID UTF8 "0"  
CKA_ISSUER MULTILINE_OCTAL  
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061  
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157  
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145  
\162\164\151\147\156\141  
END  
CKA_SERIAL_NUMBER MULTILINE_OCTAL  
\002\011\000\376\334\343\001\017\311\110\377  
END  
CKA_VALUE MULTILINE_OCTAL  
\060\202\003\250\060\202\002\220\240\003\002\001\002\002\011\000  
\376\334\343\001\017\311\110\377\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\060\064\061\013\060\011\006\003\125  
\004\006\023\002\106\122\061\022\060\020\006\003\125\004\012\014  
\011\104\150\151\155\171\157\164\151\163\061\021\060\017\006\003  
\125\004\003\014\010\103\145\162\164\151\147\156\141\060\036\027  
\015\060\067\060\066\062\071\061\065\061\063\060\065\132\027\015  
\062\067\060\066\062\071\061\065\061\063\060\065\132\060\064\061  
\013\060\011\006\003\125\004\006\023\002\106\122\061\022\060\020  
\006\003\125\004\012\014\011\104\150\151\155\171\157\164\151\163  
\061\021\060\017\006\003\125\004\003\014\010\103\145\162\164\151
```

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

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Certigna"
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
# Fingerprint (SHA-256):
E3:B6:A2:DB:2E:D7:CE:48:84:2F:7A:C5:32:41:C7:B7:1D:54:14:4B:FB:40:C1:1F:3F:1D:0B:42:F5:EE:A1:2D
# Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\261\056\023\143\105\206\244\157\032\262\140\150\067\130\055\304
\254\375\224\227
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\253\127\246\133\175\102\202\031\265\330\130\046\050\136\375\377
END
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ePKI Root Certification Authority"
#
# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Serial Number:15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d
# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Not Valid Before: Mon Dec 20 02:31:27 2004
# Not Valid After : Wed Dec 20 02:31:27 2034

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# Fingerprint (SHA-256):

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

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ePKI Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322
\274\235
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\260\060\202\003\230\240\003\002\001\002\002\020\025
\310\275\145\107\134\257\270\227\000\136\344\006\322\274\235\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\136
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036
\027\015\060\064\061\062\062\060\060\062\063\061\062\067\132\027
\015\063\064\061\062\062\060\060\062\063\061\062\067\132\060\136
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202
```

\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\341  
\045\017\356\215\333\210\063\165\147\315\255\037\175\072\116\155  
\235\323\057\024\363\143\164\313\001\041\152\067\352\204\120\007  
\113\046\133\011\103\154\041\236\152\310\325\003\365\140\151\217  
\314\360\042\344\037\347\367\152\042\061\267\054\025\362\340\376  
\000\152\103\377\207\145\306\265\032\301\247\114\155\042\160\041  
\212\061\362\227\164\211\011\022\046\034\236\312\331\022\242\225  
\074\332\351\147\277\010\240\144\343\326\102\267\105\357\227\364  
\366\365\327\265\112\025\002\130\175\230\130\113\140\274\315\327  
\015\232\023\063\123\321\141\371\172\325\327\170\263\232\063\367  
\000\206\316\035\115\224\070\257\250\354\170\121\160\212\134\020  
\203\121\041\367\021\075\064\206\136\345\110\315\227\201\202\065  
\114\031\354\145\366\153\305\005\241\356\107\023\326\263\041\047  
\224\020\012\331\044\073\272\276\104\023\106\060\077\227\074\330  
\327\327\152\356\073\070\343\053\324\227\016\271\033\347\007\111  
\177\067\052\371\167\170\317\124\355\133\106\235\243\200\016\221  
\103\301\326\133\137\024\272\237\246\215\044\107\100\131\277\162  
\070\262\066\154\067\377\231\321\135\016\131\012\253\151\367\300  
\262\004\105\172\124\000\256\276\123\366\265\347\341\370\074\243  
\061\322\251\376\041\122\144\305\246\147\360\165\007\006\224\024  
\201\125\306\047\344\001\217\027\301\152\161\327\276\113\373\224  
\130\175\176\021\063\261\102\367\142\154\030\326\317\011\150\076  
\177\154\366\036\217\142\255\245\143\333\011\247\037\042\102\101  
\036\157\231\212\076\327\371\077\100\172\171\260\245\001\222\322  
\235\075\010\025\245\020\001\055\263\062\166\250\225\015\263\172  
\232\373\007\020\170\021\157\341\217\307\272\017\045\032\164\052  
\345\034\230\101\231\337\041\207\350\225\006\152\012\263\152\107  
\166\145\366\072\317\217\142\027\031\173\012\050\315\032\322\203  
\036\041\307\054\277\276\377\141\150\267\147\033\273\170\115\215  
\316\147\345\344\301\216\267\043\146\342\235\220\165\064\230\251  
\066\053\212\232\224\271\235\354\314\212\261\370\045\211\134\132  
\266\057\214\037\155\171\044\247\122\150\303\204\065\342\146\215  
\143\016\045\115\325\031\262\346\171\067\247\042\235\124\061\002  
\003\001\000\001\243\152\060\150\060\035\006\003\125\035\016\004  
\026\004\024\036\014\367\266\147\362\341\222\046\011\105\300\125  
\071\056\167\077\102\112\242\060\014\006\003\125\035\023\004\005  
\060\003\001\001\377\060\071\006\004\147\052\007\000\004\061\060  
\057\060\055\002\001\000\060\011\006\005\053\016\003\002\032\005  
\000\060\007\006\005\147\052\003\000\000\004\024\105\260\302\307  
\012\126\174\356\133\170\014\225\371\030\123\301\246\034\330\020  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\002\001\000\011\263\203\123\131\001\076\225\111\271\361\201  
\272\371\166\040\043\265\047\140\164\324\152\231\064\136\154\000  
\123\331\237\362\246\261\044\007\104\152\052\306\245\216\170\022  
\350\107\331\130\033\023\052\136\171\233\237\012\052\147\246\045  
\077\006\151\126\163\303\212\146\110\373\051\201\127\164\006\312  
\234\352\050\350\070\147\046\053\361\325\265\077\145\223\370\066

\135\216\215\215\100\040\207\031\352\357\047\300\075\264\071\017  
\045\173\150\120\164\125\234\014\131\175\132\075\101\224\045\122  
\010\340\107\054\025\061\031\325\277\007\125\306\273\022\265\227  
\364\137\203\205\272\161\301\331\154\201\021\166\012\012\260\277  
\202\227\367\352\075\372\372\354\055\251\050\224\073\126\335\322  
\121\056\256\300\275\010\025\214\167\122\064\226\326\233\254\323  
\035\216\141\017\065\173\233\256\071\151\013\142\140\100\040\066  
\217\257\373\066\356\055\010\112\035\270\277\233\134\370\352\245  
\033\240\163\246\330\370\156\340\063\004\137\150\252\047\207\355  
\331\301\220\234\355\275\343\152\065\257\143\337\253\030\331\272  
\346\351\112\352\120\212\017\141\223\036\342\055\031\342\060\224  
\065\222\135\016\266\007\257\031\200\217\107\220\121\113\056\115  
\335\205\342\322\012\122\012\027\232\374\032\260\120\002\345\001  
\243\143\067\041\114\104\304\233\121\231\021\016\163\234\006\217  
\124\056\247\050\136\104\071\207\126\055\067\275\205\104\224\341  
\014\113\054\234\303\222\205\064\141\313\017\270\233\112\103\122  
\376\064\072\175\270\351\051\334\166\251\310\060\370\024\161\200  
\306\036\066\110\164\042\101\134\207\202\350\030\161\213\101\211  
\104\347\176\130\133\250\270\215\023\351\247\154\303\107\355\263  
\032\235\142\256\215\202\352\224\236\335\131\020\303\255\335\342  
\115\343\061\325\307\354\350\362\260\376\222\036\026\012\032\374  
\331\363\370\047\266\311\276\035\264\154\144\220\177\364\344\304  
\133\327\067\256\102\016\335\244\032\157\174\210\124\305\026\156  
\341\172\150\056\370\072\277\015\244\074\211\073\170\247\116\143  
\203\004\041\010\147\215\362\202\111\320\133\375\261\315\017\203  
\204\324\076\040\205\367\112\075\053\234\375\052\012\011\115\352  
\201\370\021\234

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "ePKI Root Certification Authority"

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ePKI Root Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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

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\075\151\306\360
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\056\000\312\046\006\220\075\255\376\157\025\150\323\153\263
END
CKA_ISSUER MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322
\274\235
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

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

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\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111  
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162  
\164\123\111\107\116\040\122\117\117\124\040\103\101  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\006\040\006\005\026\160\002  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\003\070\060\202\002\040\240\003\002\001\002\002\006\040  
\006\005\026\160\002\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\060\073\061\013\060\011\006\003\125\004\006\023  
\002\122\117\061\021\060\017\006\003\125\004\012\023\010\143\145  
\162\164\123\111\107\116\061\031\060\027\006\003\125\004\013\023  
\020\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103  
\101\060\036\027\015\060\066\060\067\060\064\061\067\062\060\060  
\064\132\027\015\063\061\060\067\060\064\061\067\062\060\060\064  
\132\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117  
\061\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123  
\111\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145  
\162\164\123\111\107\116\040\122\117\117\124\040\103\101\060\202  
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\267  
\063\271\176\310\045\112\216\265\333\264\050\033\252\127\220\350  
\321\042\323\144\272\323\223\350\324\254\206\141\100\152\140\127  
\150\124\204\115\274\152\124\002\005\377\337\233\232\052\256\135  
\007\217\112\303\050\177\357\373\053\372\171\361\307\255\360\020  
\123\044\220\213\146\311\250\210\253\257\132\243\000\351\276\272  
\106\356\133\163\173\054\027\202\201\136\142\054\241\002\145\263  
\275\305\053\000\176\304\374\003\063\127\015\355\342\372\316\135  
\105\326\070\315\065\266\262\301\320\234\201\112\252\344\262\001  
\134\035\217\137\231\304\261\255\333\210\041\353\220\010\202\200  
\363\060\243\103\346\220\202\256\125\050\111\355\133\327\251\020  
\070\016\376\217\114\133\233\106\352\101\365\260\010\164\303\320  
\210\063\266\174\327\164\337\334\204\321\103\016\165\071\241\045  
\100\050\352\170\313\016\054\056\071\235\214\213\156\026\034\057  
\046\202\020\342\343\145\224\012\004\300\136\367\135\133\370\020  
\342\320\272\172\113\373\336\067\000\000\032\133\050\343\322\234  
\163\076\062\207\230\241\311\121\057\327\336\254\063\263\117\002  
\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\306\060\035\006\003\125\035\016  
\004\026\004\024\340\214\233\333\045\111\263\361\174\206\326\262  
\102\207\013\320\153\240\331\344\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\076\322\034\211  
\056\065\374\370\165\335\346\177\145\210\364\162\114\311\054\327  
\062\116\363\335\031\171\107\275\216\073\133\223\017\120\111\044  
\023\153\024\006\162\357\011\323\241\241\343\100\204\311\347\030  
\062\164\074\110\156\017\237\113\324\367\036\323\223\206\144\124

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\227\143\162\120\325\125\317\372\040\223\002\242\233\303\043\223
\116\026\125\166\240\160\171\155\315\041\037\317\057\055\274\031
\343\210\061\370\131\032\201\011\310\227\246\164\307\140\304\133
\314\127\216\262\165\375\033\002\011\333\131\157\162\223\151\367
\061\101\326\210\070\277\207\262\275\026\171\371\252\344\276\210
\045\335\141\047\043\034\265\061\007\004\066\264\032\220\275\240
\164\161\120\211\155\274\024\343\017\206\256\361\253\076\307\240
\011\314\243\110\321\340\333\144\347\222\265\317\257\162\103\160
\213\371\303\204\074\023\252\176\222\233\127\123\223\372\160\302
\221\016\061\371\233\147\135\351\226\070\136\137\263\163\116\210
\025\147\336\236\166\020\142\040\276\125\151\225\103\000\071\115
\366\356\260\132\116\111\104\124\130\137\102\203
```

END

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

```
# Trust for "certSIGN ROOT CA"
```

```
# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO
```

```
# Serial Number:20:06:05:16:70:02
```

```
# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO
```

```
# Not Valid Before: Tue Jul 04 17:20:04 2006
```

```
# Not Valid After : Fri Jul 04 17:20:04 2031
```

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

```
EA:A9:62:C4:FA:4A:6B:AF:EB:E4:15:19:6D:35:1C:CD:88:8D:4F:53:F3:FA:8A:E6:D7:C4:66:A9:4E:60:42:BB
```

```
# Fingerprint (SHA1): FA:B7:EE:36:97:26:62:FB:2D:B0:2A:F6:BF:03:FD:E8:7C:4B:2F:9B
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "certSIGN ROOT CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\372\267\356\066\227\046\142\373\055\260\052\366\277\003\375\350
\174\113\057\233
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\030\230\300\326\351\072\374\371\260\365\014\367\113\001\104\027
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\006\040\006\005\026\160\002
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "NetLock Arany (Class Gold) Ftanúsítvány"

#

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "NetLock Arany (Class Gold) Ftanúsítvány"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

\272\163\303\255\164\166\303\241\156\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\025\060\202\002\375\240\003\002\001\002\002\006\111  
\101\054\344\000\020\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\060\201\247\061\013\060\011\006\003\125\004\006  
\023\002\110\125\061\021\060\017\006\003\125\004\007\014\010\102  
\165\144\141\160\145\163\164\061\025\060\023\006\003\125\004\012  
\014\014\116\145\164\114\157\143\153\040\113\146\164\056\061\067  
\060\065\006\003\125\004\013\014\056\124\141\156\303\272\163\303  
\255\164\166\303\241\156\171\153\151\141\144\303\263\153\040\050  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\051\061\065\060\063\006\003\125\004\003  
\014\054\116\145\164\114\157\143\153\040\101\162\141\156\171\040  
\050\103\154\141\163\163\040\107\157\154\144\051\040\106\305\221  
\164\141\156\303\272\163\303\255\164\166\303\241\156\171\060\036  
\027\015\060\070\061\062\061\061\061\065\060\070\062\061\132\027  
\015\062\070\061\062\060\066\061\065\060\070\062\061\132\060\201  
\247\061\013\060\011\006\003\125\004\006\023\002\110\125\061\021  
\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145\163  
\164\061\025\060\023\006\003\125\004\012\014\014\116\145\164\114  
\157\143\153\040\113\146\164\056\061\067\060\065\006\003\125\004  
\013\014\056\124\141\156\303\272\163\303\255\164\166\303\241\156  
\171\153\151\141\144\303\263\153\040\050\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163  
\051\061\065\060\063\006\003\125\004\003\014\054\116\145\164\114  
\157\143\153\040\101\162\141\156\171\040\050\103\154\141\163\163  
\040\107\157\154\144\051\040\106\305\221\164\141\156\303\272\163  
\303\255\164\166\303\241\156\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\304\044\136\163\276\113\155  
\024\303\241\364\343\227\220\156\322\060\105\036\074\356\147\331  
\144\340\032\212\177\312\060\312\203\343\040\301\343\364\072\323  
\224\137\032\174\133\155\277\060\117\204\047\366\237\037\111\274  
\306\231\012\220\362\017\365\177\103\204\067\143\121\213\172\245  
\160\374\172\130\315\216\233\355\303\106\154\204\160\135\332\363  
\001\220\043\374\116\060\251\176\341\047\143\347\355\144\074\240  
\270\311\063\143\376\026\220\377\260\270\375\327\250\300\300\224  
\103\013\266\325\131\246\236\126\320\044\037\160\171\257\333\071  
\124\015\145\165\331\025\101\224\001\257\136\354\366\215\361\377  
\255\144\376\040\232\327\134\353\376\246\037\010\144\243\213\166  
\125\255\036\073\050\140\056\207\045\350\252\257\037\306\144\106  
\040\267\160\177\074\336\110\333\226\123\267\071\167\344\032\342  
\307\026\204\166\227\133\057\273\031\025\205\370\151\205\365\231  
\247\251\362\064\247\251\266\246\003\374\157\206\075\124\174\166

\004\233\153\371\100\135\000\064\307\056\231\165\235\345\210\003  
\252\115\370\003\322\102\166\300\033\002\003\000\250\213\243\105  
\060\103\060\022\006\003\125\035\023\001\001\377\004\010\060\006  
\001\001\377\002\001\004\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\314\372\147\223\360\266\270\320\245\300\036\363\123\375\214  
\123\337\203\327\226\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\253\177\356\034\026\251\234  
\074\121\000\240\300\021\010\005\247\231\346\157\001\210\124\141  
\156\361\271\030\255\112\255\376\201\100\043\224\057\373\165\174  
\057\050\113\142\044\201\202\013\365\141\361\034\156\270\141\070  
\353\201\372\142\241\073\132\142\323\224\145\304\341\346\155\202  
\370\057\045\160\262\041\046\301\162\121\037\214\054\303\204\220  
\303\132\217\272\317\364\247\145\245\353\230\321\373\005\262\106  
\165\025\043\152\157\205\143\060\200\360\325\236\037\051\034\302  
\154\260\120\131\135\220\133\073\250\015\060\317\277\175\177\316  
\361\235\203\275\311\106\156\040\246\371\141\121\272\041\057\173  
\276\245\025\143\241\324\225\207\361\236\271\363\211\363\075\205  
\270\270\333\276\265\271\051\371\332\067\005\000\111\224\003\204  
\104\347\277\103\061\317\165\213\045\321\364\246\144\365\222\366  
\253\005\353\075\351\245\013\066\142\332\314\006\137\066\213\266  
\136\061\270\052\373\136\366\161\337\104\046\236\304\346\015\221  
\264\056\165\225\200\121\152\113\060\246\260\142\241\223\361\233  
\330\316\304\143\165\077\131\107\261

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "NetLock Arany (Class Gold) Ftanúsítvány"

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "NetLock Arany (Class Gold) Ftanúsítvány"

CKA\_CERT\_SHA1\_HASH MULTILINE OCTAL

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

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\241\267\377\163\335\326\327\064\062\030\337\374\074\255\210
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\111\101\054\344\000\020
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

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

```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061  
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157  
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003  
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040  
\122\157\157\164\040\103\101\040\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\003\350

END

CKA\_VALUE MULTILINE\_OCTAL

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

```
\202\001\001\000\016\106\325\074\256\342\207\331\136\201\213\002
\230\101\010\214\114\274\332\333\356\047\033\202\347\152\105\354
\026\213\117\205\240\363\262\160\275\132\226\272\312\156\155\356
\106\213\156\347\052\056\226\263\031\063\353\264\237\250\262\067
\356\230\250\227\266\056\266\147\047\324\246\111\375\034\223\145
\166\236\102\057\334\042\154\232\117\362\132\025\071\261\161\327
\053\121\350\155\034\230\300\331\052\364\241\202\173\325\311\101
\242\043\001\164\070\125\213\017\271\056\147\242\040\004\067\332
\234\013\323\027\041\340\217\227\171\064\157\204\110\002\040\063
\033\346\064\104\237\221\160\364\200\136\204\103\302\051\322\154
\022\024\344\141\215\254\020\220\236\204\120\273\360\226\157\105
\237\212\363\312\154\117\372\021\072\025\025\106\303\315\037\203
\133\055\101\022\355\120\147\101\023\075\041\253\224\212\252\116
\174\301\261\373\247\326\265\047\057\227\253\156\340\035\342\321
\034\054\037\104\342\374\276\221\241\234\373\326\051\123\163\206
\237\123\330\103\016\135\326\143\202\161\035\200\164\312\366\342
\002\153\331\132
```

END

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

```
# Trust for "Hongkong Post Root CA 1"
```

```
# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
```

```
# Serial Number: 1000 (0x3e8)
```

```
# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
```

```
# Not Valid Before: Thu May 15 05:13:14 2003
```

```
# Not Valid After : Mon May 15 04:52:29 2023
```

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

```
F9:E6:7D:33:6C:51:00:2A:C0:54:C6:32:02:2D:66:DD:A2:E7:E3:FF:F1:0A:D0:61:ED:31:D8:BB:B4:10:CF:B2
```

```
# Fingerprint (SHA1): D6:DA:A8:20:8D:09:D2:15:4D:24:B5:2F:CB:34:6E:B2:58:B2:8A:58
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Hongkong Post Root CA 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\326\332\250\040\215\011\322\025\115\044\265\057\313\064\156\262
\130\262\212\130
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\250\015\157\071\170\271\103\155\167\102\155\230\132\314\043\312
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
```

```

\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\003\350
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SecureSign RootCA11"
#
# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Serial Number: 1 (0x1)
# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Not Valid Before: Wed Apr 08 04:56:47 2009
# Not Valid After : Sun Apr 08 04:56:47 2029
# Fingerprint (SHA-256):
BF:0F:EE:FB:9E:3A:58:1A:D5:F9:E9:DB:75:89:98:57:43:D2:61:08:5C:4D:31:4F:6F:5D:72:59:AA:42:16:12
# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureSign RootCA11"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\003\155\060\202\002\125\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061\053  
\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145\162  
\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032\006  
\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147\156  
\040\122\157\157\164\103\101\061\061\060\036\027\015\060\071\060  
\064\060\070\060\064\065\066\064\067\132\027\015\062\071\060\064  
\060\070\060\064\065\066\064\067\132\060\130\061\013\060\011\006  
\003\125\004\006\023\002\112\120\061\053\060\051\006\003\125\004  
\012\023\042\112\141\160\141\156\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163\054  
\040\111\156\143\056\061\034\060\032\006\003\125\004\003\023\023  
\123\145\143\165\162\145\123\151\147\156\040\122\157\157\164\103  
\101\061\061\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\375\167\252\245\034\220\005\073\313\114\233\063  
\213\132\024\105\244\347\220\026\321\337\127\322\041\020\244\027  
\375\337\254\326\037\247\344\333\174\367\354\337\270\003\332\224  
\130\375\135\162\174\214\077\137\001\147\164\025\226\343\002\074  
\207\333\256\313\001\216\302\363\146\306\205\105\364\002\306\072  
\265\142\262\257\372\234\277\244\346\324\200\060\230\363\015\266  
\223\217\251\324\330\066\362\260\374\212\312\054\241\025\063\225  
\061\332\300\033\362\356\142\231\206\143\077\277\335\223\052\203  
\250\166\271\023\037\267\316\116\102\205\217\042\347\056\032\362  
\225\011\262\005\265\104\116\167\241\040\275\251\362\116\012\175  
\120\255\365\005\015\105\117\106\161\375\050\076\123\373\004\330  
\055\327\145\035\112\033\372\317\073\260\061\232\065\156\310\213  
\006\323\000\221\362\224\010\145\114\261\064\006\000\172\211\342  
\360\307\003\131\317\325\326\350\247\062\263\346\230\100\206\305  
\315\047\022\213\314\173\316\267\021\074\142\140\007\043\076\053  
\100\156\224\200\011\155\266\263\157\167\157\065\010\120\373\002  
\207\305\076\211\002\003\001\000\001\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\133\370\115\117\262\245\206\324  
\072\322\361\143\232\240\276\011\366\127\267\336\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001  
\000\240\241\070\026\146\056\247\126\037\041\234\006\372\035\355  
\271\042\305\070\046\330\116\117\354\243\177\171\336\106\041\241  
\207\167\217\007\010\232\262\244\305\257\017\062\230\013\174\146  
\051\266\233\175\045\122\111\103\253\114\056\053\156\172\160\257  
\026\016\343\002\154\373\102\346\030\235\105\330\125\310\350\073  
\335\347\341\364\056\013\034\064\134\154\130\112\373\214\210\120  
\137\225\034\277\355\253\042\265\145\263\205\272\236\017\270\255  
\345\172\033\212\120\072\035\275\015\274\173\124\120\013\271\102  
\257\125\240\030\201\255\145\231\357\276\344\234\277\304\205\253

```
\101\262\124\157\334\045\315\355\170\342\216\014\215\011\111\335
\143\173\132\151\226\002\041\250\275\122\131\351\175\065\313\310
\122\312\177\201\376\331\153\323\367\021\355\045\337\370\347\371
\244\372\162\227\204\123\015\245\320\062\030\121\166\131\024\154
\017\353\354\137\200\214\165\103\203\303\205\230\377\114\236\055
\015\344\167\203\223\116\265\226\007\213\050\023\233\214\031\215
\101\047\111\100\356\336\346\043\104\071\334\241\042\326\272\003
\362
```

END

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

```
# Trust for "SecureSign RootCA11"
```

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

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
```

```
# Not Valid Before: Wed Apr 08 04:56:47 2009
```

```
# Not Valid After : Sun Apr 08 04:56:47 2029
```

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

```
BF:0F:EE:FB:9E:3A:58:1A:D5:F9:E9:DB:75:89:98:57:43:D2:61:08:5C:4D:31:4F:6F:5D:72:59:AA:42:16:12
```

```
# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SecureSign RootCA11"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\073\304\237\110\370\363\163\240\234\036\275\370\133\261\303\145
\307\330\021\263
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\267\122\164\342\222\264\200\223\362\165\344\314\327\362\352\046
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

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

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Microsec e-Szigno Root CA 2009"

#

# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

# Serial Number:00:c2:7e:43:04:4e:47:3f:19

# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

# Not Valid Before: Tue Jun 16 11:30:18 2009

# Not Valid After : Sun Dec 30 11:30:18 2029

# Fingerprint (SHA-256):

3C:5F:81:FE:A5:FA:B8:2C:64:BF:A2:EA:EC:AF:CD:E8:E0:77:FC:86:20:A7:CA:E5:37:16:3D:F3:6E:DB:F3:78

# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Microsec e-Szigno Root CA 2009"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125  
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160  
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151  
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006  
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145  
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040  
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015  
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147  
\156\157\056\150\165

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125  
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160  
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151  
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006  
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145  
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040  
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015  
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147  
\156\157\056\150\165

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\302\176\103\004\116\107\077\031

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\012\060\202\002\362\240\003\002\001\002\002\011\000  
\302\176\103\004\116\107\077\031\060\015\006\011\052\206\110\206

\367\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003  
\125\004\006\023\002\110\125\061\021\060\017\006\003\125\004\007  
\014\010\102\165\144\141\160\145\163\164\061\026\060\024\006\003  
\125\004\012\014\015\115\151\143\162\157\163\145\143\040\114\164  
\144\056\061\047\060\045\006\003\125\004\003\014\036\115\151\143  
\162\157\163\145\143\040\145\055\123\172\151\147\156\157\040\122  
\157\157\164\040\103\101\040\062\060\060\071\061\037\060\035\006  
\011\052\206\110\206\367\015\001\011\001\026\020\151\156\146\157  
\100\145\055\163\172\151\147\156\157\056\150\165\060\036\027\015  
\060\071\060\066\061\066\061\061\063\060\061\070\132\027\015\062  
\071\061\062\063\060\061\061\063\060\061\070\132\060\201\202\061  
\013\060\011\006\003\125\004\006\023\002\110\125\061\021\060\017  
\006\003\125\004\007\014\010\102\165\144\141\160\145\163\164\061  
\026\060\024\006\003\125\004\012\014\015\115\151\143\162\157\163  
\145\143\040\114\164\144\056\061\047\060\045\006\003\125\004\003  
\014\036\115\151\143\162\157\163\145\143\040\145\055\123\172\151  
\147\156\157\040\122\157\157\164\040\103\101\040\062\060\060\071  
\061\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026  
\020\151\156\146\157\100\145\055\163\172\151\147\156\157\056\150  
\165\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\351\370\217\363\143\255\332\206\330\247\340\102\373\317  
\221\336\246\046\370\231\245\143\160\255\233\256\312\063\100\175  
\155\226\156\241\016\104\356\341\023\235\224\102\122\232\275\165  
\205\164\054\250\016\035\223\266\030\267\214\054\250\317\373\134  
\161\271\332\354\376\350\176\217\344\057\035\262\250\165\207\330  
\267\241\345\073\317\231\112\106\320\203\031\175\300\241\022\034  
\225\155\112\364\330\307\245\115\063\056\205\071\100\165\176\024  
\174\200\022\230\120\307\101\147\270\240\200\141\124\246\154\116  
\037\340\235\016\007\351\311\272\063\347\376\300\125\050\054\002  
\200\247\031\365\236\334\125\123\003\227\173\007\110\377\231\373  
\067\212\044\304\131\314\120\020\143\216\252\251\032\260\204\032  
\206\371\137\273\261\120\156\244\321\012\314\325\161\176\037\247  
\033\174\365\123\156\042\137\313\053\346\324\174\135\256\326\302  
\306\114\345\005\001\331\355\127\374\301\043\171\374\372\310\044  
\203\225\363\265\152\121\001\320\167\326\351\022\241\371\032\203  
\373\202\033\271\260\227\364\166\006\063\103\111\240\377\013\265  
\372\265\002\003\001\000\001\243\201\200\060\176\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006  
\003\125\035\016\004\026\004\024\313\017\306\337\102\103\314\075  
\313\265\110\043\241\032\172\246\052\273\064\150\060\037\006\003  
\125\035\043\004\030\060\026\200\024\313\017\306\337\102\103\314  
\075\313\265\110\043\241\032\172\246\052\273\064\150\060\033\006  
\003\125\035\021\004\024\060\022\201\020\151\156\146\157\100\145  
\055\163\172\151\147\156\157\056\150\165\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\311\321  
\016\136\056\325\314\263\174\076\313\374\075\377\015\050\225\223

```
\004\310\277\332\315\171\270\103\220\360\244\276\357\362\357\041
\230\274\324\324\135\006\366\356\102\354\060\154\240\252\251\312
\361\257\212\372\077\013\163\152\076\352\056\100\176\037\256\124
\141\171\353\056\010\067\327\043\363\214\237\276\035\261\341\244
\165\333\240\342\124\024\261\272\034\051\244\030\366\022\272\242
\024\024\343\061\065\310\100\377\267\340\005\166\127\301\034\131
\362\370\277\344\355\045\142\134\204\360\176\176\037\263\276\371
\267\041\021\314\003\001\126\160\247\020\222\036\033\064\201\036
\255\234\032\303\004\074\355\002\141\326\036\006\363\137\072\207
\362\053\361\105\207\345\075\254\321\307\127\204\275\153\256\334
\330\371\266\033\142\160\013\075\066\311\102\362\062\327\172\141
\346\322\333\075\317\310\251\311\233\334\333\130\104\327\157\070
\257\177\170\323\243\255\032\165\272\034\301\066\174\217\036\155
\034\303\165\106\256\065\005\246\366\134\075\041\356\126\360\311
\202\042\055\172\124\253\160\303\175\042\145\202\160\226
```

END

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

# Trust for "Microsec e-Szigno Root CA 2009"

# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

# Serial Number:00:c2:7e:43:04:4e:47:3f:19

# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

# Not Valid Before: Tue Jun 16 11:30:18 2009

# Not Valid After : Sun Dec 30 11:30:18 2029

# Fingerprint (SHA-256):

3C:5F:81:FE:A5:FA:B8:2C:64:BF:A2:EA:EC:AF:CD:E8:E0:77:FC:86:20:A7:CA:E5:37:16:3D:F3:6E:DB:F3:78

# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\211\337\164\376\134\364\017\112\200\371\343\067\175\124\332\221
\341\001\061\216
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\370\111\364\003\274\104\055\203\276\110\151\175\051\144\374\261
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
```

\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015  
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147  
\156\157\056\150\165

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\302\176\103\004\116\107\077\031

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GlobalSign Root CA - R3"

#

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

# Serial Number:04:00:00:00:01:21:58:53:08:a2

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

# Not Valid Before: Wed Mar 18 10:00:00 2009

# Not Valid After : Sun Mar 18 10:00:00 2029

# Fingerprint (SHA-256):

CB:B5:22:D7:B7:F1:27:AD:6A:01:13:86:5B:DF:1C:D4:10:2E:7D:07:59:AF:63:5A:7C:F4:72:0D:C9:63:C5:3B

# Fingerprint (SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Root CA - R3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\041\130\123\010\242

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\137\060\202\002\107\240\003\002\001\002\002\013\004  
\000\000\000\000\001\041\130\123\010\242\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\060\114\061\040\060\036\006  
\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147\156  
\040\122\157\157\164\040\103\101\040\055\040\122\063\061\023\060  
\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123\151  
\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154\157  
\142\141\154\123\151\147\156\060\036\027\015\060\071\060\063\061  
\070\061\060\060\060\060\060\132\027\015\062\071\060\063\061\070  
\061\060\060\060\060\060\132\060\114\061\040\060\036\006\003\125  
\004\013\023\027\107\154\157\142\141\154\123\151\147\156\040\122  
\157\157\164\040\103\101\040\055\040\122\063\061\023\060\021\006  
\003\125\004\012\023\012\107\154\157\142\141\154\123\151\147\156  
\061\023\060\021\006\003\125\004\003\023\012\107\154\157\142\141  
\154\123\151\147\156\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\314\045\166\220\171\006\170\042\026\365  
\300\203\266\204\312\050\236\375\005\166\021\305\255\210\162\374  
\106\002\103\307\262\212\235\004\137\044\313\056\113\341\140\202  
\106\341\122\253\014\201\107\160\154\335\144\321\353\365\054\243  
\017\202\075\014\053\256\227\327\266\024\206\020\171\273\073\023  
\200\167\214\010\341\111\322\152\142\057\037\136\372\226\150\337  
\211\047\225\070\237\006\327\076\311\313\046\131\015\163\336\260  
\310\351\046\016\203\025\306\357\133\213\322\004\140\312\111\246  
\050\366\151\073\366\313\310\050\221\345\235\212\141\127\067\254  
\164\024\334\164\340\072\356\162\057\056\234\373\320\273\277\365  
\075\000\341\006\063\350\202\053\256\123\246\072\026\163\214\335  
\101\016\040\072\300\264\247\241\351\262\117\220\056\062\140\351  
\127\313\271\004\222\150\150\345\070\046\140\165\262\237\167\377  
\221\024\357\256\040\111\374\255\100\025\110\321\002\061\141\031  
\136\270\227\357\255\167\267\144\232\172\277\137\301\023\357\233  
\142\373\015\154\340\124\151\026\251\003\332\156\351\203\223\161  
\166\306\151\205\202\027\002\003\001\000\001\243\102\060\100\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\217\360\113\177\250  
\056\105\044\256\115\120\372\143\232\213\336\342\335\033\274\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\001\001\000\113\100\333\300\120\252\376\310\014\357\367\226\124  
\105\111\273\226\000\011\101\254\263\023\206\206\050\007\063\312  
\153\346\164\271\272\000\055\256\244\012\323\365\361\361\017\212  
\277\163\147\112\203\307\104\173\170\340\257\156\154\157\003\051  
\216\063\071\105\303\216\344\271\127\154\252\374\022\226\354\123  
\306\055\344\044\154\271\224\143\373\334\123\150\147\126\076\203  
\270\317\065\041\303\311\150\376\316\332\302\123\252\314\220\212  
\351\360\135\106\214\225\335\172\130\050\032\057\035\336\315\000  
\067\101\217\355\104\155\327\123\050\227\176\363\147\004\036\025  
\327\212\226\264\323\336\114\047\244\114\033\163\163\166\364\027

```
\231\302\037\172\016\343\055\010\255\012\034\054\377\074\253\125
\016\017\221\176\066\353\303\127\111\276\341\056\055\174\140\213
\303\101\121\023\043\235\316\367\062\153\224\001\250\231\347\054
\063\037\072\073\045\322\206\100\316\073\054\206\170\311\141\057
\024\272\356\333\125\157\337\204\356\005\011\115\275\050\330\162
\316\323\142\120\145\036\353\222\227\203\061\331\263\265\312\107
\130\077\137
```

END

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

```
# Trust for "GlobalSign Root CA - R3"
```

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

```
# Serial Number:04:00:00:00:00:01:21:58:53:08:a2
```

```
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
```

```
# Not Valid Before: Wed Mar 18 10:00:00 2009
```

```
# Not Valid After : Sun Mar 18 10:00:00 2029
```

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

```
CB:B5:22:D7:B7:F1:27:AD:6A:01:13:86:5B:DF:1C:D4:10:2E:7D:07:59:AF:63:5A:7C:F4:72:0D:C9:63:C5:3B
```

```
# Fingerprint (SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Root CA - R3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\326\233\126\021\110\360\034\167\305\105\170\301\011\046\337\133
```

```
\205\151\166\255
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\305\337\270\111\312\005\023\125\356\055\272\032\303\076\260\050
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
```

```
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
```

```
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107
```

```
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
```

```
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\013\004\000\000\000\000\001\041\130\123\010\242
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```

#
# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
#
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:53:ec:3b:ee:fb:b2:48:5f
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030
# Fingerprint (SHA-256):
04:04:80:28:BF:1F:28:64:D4:8F:9A:D4:D8:32:94:36:6A:82:88:56:55:3F:3B:14:30:3F:90:14:7F:5D:40:EF
# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\123\354\073\356\373\262\110\137
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\024\060\202\003\374\240\003\002\001\002\002\010\123
\354\073\356\373\262\110\137\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\121\061\013\060\011\006\003\125\004
\006\023\002\105\123\061\102\060\100\006\003\125\004\003\014\071
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141
\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040
\101\066\062\066\063\064\060\066\070\060\036\027\015\060\071\060
\065\062\060\060\070\063\070\061\065\132\027\015\063\060\061\062
\063\061\060\070\063\070\061\065\132\060\121\061\013\060\011\006

```

\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004  
\003\014\071\101\165\164\157\162\151\144\141\144\040\144\145\040  
\103\145\162\164\151\146\151\143\141\143\151\157\156\040\106\151  
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103  
\111\106\040\101\066\062\066\063\064\060\066\070\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\226\153  
\216\352\370\373\361\242\065\340\177\114\332\340\303\122\327\175  
\266\020\310\002\136\263\103\052\304\117\152\262\312\034\135\050  
\232\170\021\032\151\131\127\257\265\040\102\344\213\017\346\337  
\133\246\003\222\057\365\021\344\142\327\062\161\070\331\004\014  
\161\253\075\121\176\017\007\337\143\005\134\351\277\224\157\301  
\051\202\300\264\332\121\260\301\074\273\255\067\112\134\312\361  
\113\066\016\044\253\277\303\204\167\375\250\120\364\261\347\306  
\057\322\055\131\215\172\012\116\226\151\122\002\252\066\230\354  
\374\372\024\203\014\067\037\311\222\067\177\327\201\055\345\304  
\271\340\076\064\376\147\364\076\146\321\323\364\100\317\136\142  
\064\017\160\006\076\040\030\132\316\367\162\033\045\154\223\164  
\024\223\243\163\261\016\252\207\020\043\131\137\040\005\031\107  
\355\150\216\222\022\312\135\374\326\053\262\222\074\040\317\341  
\137\257\040\276\240\166\177\166\345\354\032\206\141\063\076\347  
\173\264\077\240\017\216\242\271\152\157\271\207\046\157\101\154  
\210\246\120\375\152\143\013\365\223\026\033\031\217\262\355\233  
\233\311\220\365\001\014\337\031\075\017\076\070\043\311\057\217  
\014\321\002\376\033\125\326\116\320\215\074\257\117\244\363\376  
\257\052\323\005\235\171\010\241\313\127\061\264\234\310\220\262  
\147\364\030\026\223\072\374\107\330\321\170\226\061\037\272\053  
\014\137\135\231\255\143\211\132\044\040\166\330\337\375\253\116  
\246\042\252\235\136\346\047\212\175\150\051\243\347\212\270\332  
\021\273\027\055\231\235\023\044\106\367\305\342\330\237\216\177  
\307\217\164\155\132\262\350\162\365\254\356\044\020\255\057\024  
\332\377\055\232\106\161\107\276\102\337\273\001\333\364\177\323  
\050\217\061\131\133\323\311\002\246\264\122\312\156\227\373\103  
\305\010\046\157\212\364\273\375\237\050\252\015\325\105\363\023  
\072\035\330\300\170\217\101\147\074\036\224\144\256\173\013\305  
\350\331\001\210\071\032\227\206\144\101\325\073\207\014\156\372  
\017\306\275\110\024\277\071\115\324\236\101\266\217\226\035\143  
\226\223\331\225\006\170\061\150\236\067\006\073\200\211\105\141  
\071\043\307\033\104\243\025\345\034\370\222\060\273\002\003\001  
\000\001\243\201\357\060\201\354\060\022\006\003\125\035\023\001  
\001\377\004\010\060\006\001\001\377\002\001\001\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\145\315\353\253\065\036\000\076\176  
\325\164\300\034\264\163\107\016\032\144\057\060\201\246\006\003  
\125\035\040\004\201\236\060\201\233\060\201\230\006\004\125\035  
\040\000\060\201\217\060\057\006\010\053\006\001\005\005\007\002  
\001\026\043\150\164\164\160\072\057\057\167\167\167\056\146\151  
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\056\143

\157\155\057\143\160\163\060\134\006\010\053\006\001\005\005\007  
\002\002\060\120\036\116\000\120\000\141\000\163\000\145\000\157  
\000\040\000\144\000\145\000\040\000\154\000\141\000\040\000\102  
\000\157\000\156\000\141\000\156\000\157\000\166\000\141\000\040  
\000\064\000\067\000\040\000\102\000\141\000\162\000\143\000\145  
\000\154\000\157\000\156\000\141\000\040\000\060\000\070\000\060  
\000\061\000\067\060\015\006\011\052\206\110\206\367\015\001\001  
\005\005\000\003\202\002\001\000\027\175\240\371\264\335\305\305  
\353\255\113\044\265\241\002\253\335\245\210\112\262\017\125\113  
\053\127\214\073\345\061\335\376\304\062\361\347\133\144\226\066  
\062\030\354\245\062\167\327\343\104\266\300\021\052\200\271\075  
\152\156\174\233\323\255\374\303\326\243\346\144\051\174\321\341  
\070\036\202\053\377\047\145\257\373\026\025\304\056\161\204\345  
\265\377\372\244\107\275\144\062\273\366\045\204\242\047\102\365  
\040\260\302\023\020\021\315\020\025\272\102\220\052\322\104\341  
\226\046\353\061\110\022\375\052\332\311\006\317\164\036\251\113  
\325\207\050\371\171\064\222\076\056\104\350\366\217\117\217\065  
\077\045\263\071\334\143\052\220\153\040\137\304\122\022\116\227  
\054\052\254\235\227\336\110\362\243\146\333\302\322\203\225\246  
\146\247\236\045\017\351\013\063\221\145\012\132\303\331\124\022  
\335\257\303\116\016\037\046\136\015\334\263\215\354\325\201\160  
\336\322\117\044\005\363\154\116\365\114\111\146\215\321\377\322  
\013\045\101\110\376\121\204\306\102\257\200\004\317\320\176\144  
\111\344\362\337\242\354\261\114\300\052\035\347\264\261\145\242  
\304\274\361\230\364\252\160\007\143\264\270\332\073\114\372\100  
\042\060\133\021\246\360\005\016\306\002\003\110\253\206\233\205  
\335\333\335\352\242\166\200\163\175\365\234\004\304\105\215\347  
\271\034\213\236\352\327\165\321\162\261\336\165\104\347\102\175  
\342\127\153\175\334\231\274\075\203\050\352\200\223\215\305\114  
\145\301\160\201\270\070\374\103\061\262\366\003\064\107\262\254  
\373\042\006\313\036\335\027\107\034\137\146\271\323\032\242\332  
\021\261\244\274\043\311\344\276\207\377\271\224\266\370\135\040  
\112\324\137\347\275\150\173\145\362\025\036\322\072\251\055\351  
\330\153\044\254\227\130\104\107\255\131\030\361\041\145\160\336  
\316\064\140\250\100\361\363\074\244\303\050\043\214\376\047\063  
\103\100\240\027\074\353\352\073\260\162\246\243\271\112\113\136  
\026\110\364\262\274\310\214\222\305\235\237\254\162\066\274\064  
\200\064\153\251\213\222\300\270\027\355\354\166\123\365\044\001  
\214\263\042\350\113\174\125\306\235\372\243\024\273\145\205\156  
\156\117\022\176\012\074\235\225

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Autoridad de Certificacion Firmaprofesional CIF A62634068"  
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES  
# Serial Number:53:ec:3b:ee:fb:b2:48:5f

```

# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030
# Fingerprint (SHA-256):
04:04:80:28:BF:1F:28:64:D4:8F:9A:D4:D8:32:94:36:6A:82:88:56:55:3F:3B:14:30:3F:90:14:7F:5D:40:EF
# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\256\305\373\077\310\341\277\304\345\117\003\007\132\232\350\000
\267\367\266\372
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\163\072\164\172\354\273\243\226\246\302\344\342\310\233\300\303
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\123\354\073\356\373\262\110\137
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Izenpe.com"
#
# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES
# Serial Number:00:b0:b7:5a:16:48:5f:bf:e1:cb:f5:8b:d7:19:e6:7d
# Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES
# Not Valid Before: Thu Dec 13 13:08:28 2007
# Not Valid After : Sun Dec 13 08:27:25 2037
# Fingerprint (SHA-256):
25:30:CC:8E:98:32:15:02:BA:D9:6F:9B:1F:BA:1B:09:9E:2D:29:9E:0F:45:48:BB:91:4F:36:3B:C0:D4:53:1F
# Fingerprint (SHA1): 2F:78:3D:25:52:18:A7:4A:65:39:71:B5:2C:A2:9C:45:15:6F:E9:19
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Izenpe.com"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\260\267\132\026\110\137\277\341\313\365\213\327\031
\346\175
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\361\060\202\003\331\240\003\002\001\002\002\020\000
\260\267\132\026\110\137\277\341\313\365\213\327\031\346\175\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\070
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\024\060
\022\006\003\125\004\012\014\013\111\132\105\116\120\105\040\123
\056\101\056\061\023\060\021\006\003\125\004\003\014\012\111\172
\145\156\160\145\056\143\157\155\060\036\027\015\060\067\061\062
\061\063\061\063\060\070\062\070\132\027\015\063\067\061\062\061
\063\060\070\062\067\062\065\132\060\070\061\013\060\011\006\003
\125\004\006\023\002\105\123\061\024\060\022\006\003\125\004\012
\014\013\111\132\105\116\120\105\040\123\056\101\056\061\023\060
\021\006\003\125\004\003\014\012\111\172\145\156\160\145\056\143
\157\155\060\202\002\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202
\002\001\000\311\323\172\312\017\036\254\247\206\350\026\145\152
\261\302\033\105\062\161\225\331\376\020\133\314\257\347\245\171
\001\217\211\303\312\362\125\161\367\167\276\167\224\363\162\244
\054\104\330\236\222\233\024\072\241\347\044\220\012\012\126\216
\305\330\046\224\341\331\110\341\055\076\332\012\162\335\243\231
\025\332\201\242\207\364\173\156\046\167\211\130\255\326\353\014
\262\101\172\163\156\155\333\172\170\101\351\010\210\022\176\207
\056\146\021\143\154\124\373\074\235\162\300\274\056\377\302\267
\335\015\166\343\072\327\367\264\150\276\242\365\343\201\156\301
\106\157\135\215\340\115\306\124\125\211\032\063\061\012\261\127
\271\243\212\230\303\354\073\064\305\225\101\151\176\165\302\074
\040\305\141\272\121\107\240\040\220\223\241\220\113\363\116\174
\205\105\124\232\321\005\046\101\260\265\115\035\063\276\304\003
```

\310\045\174\301\160\333\073\364\011\055\124\047\110\254\057\341  
\304\254\076\310\313\222\114\123\071\067\043\354\323\001\371\340  
\011\104\115\115\144\300\341\015\132\207\042\274\255\033\243\376  
\046\265\025\363\247\374\204\031\351\354\241\210\264\104\151\204  
\203\363\211\321\164\006\251\314\013\326\302\336\047\205\120\046  
\312\027\270\311\172\207\126\054\032\001\036\154\276\023\255\020  
\254\265\044\365\070\221\241\326\113\332\361\273\322\336\107\265  
\361\274\201\366\131\153\317\031\123\351\215\025\313\112\313\251  
\157\104\345\033\101\317\341\206\247\312\320\152\237\274\114\215  
\006\063\132\242\205\345\220\065\240\142\134\026\116\360\343\242  
\372\003\032\264\054\161\263\130\054\336\173\013\333\032\017\353  
\336\041\037\006\167\006\003\260\311\357\231\374\300\271\117\013  
\206\050\376\322\271\352\343\332\245\303\107\151\022\340\333\360  
\366\031\213\355\173\160\327\002\326\355\207\030\050\054\004\044  
\114\167\344\110\212\032\306\073\232\324\017\312\372\165\322\001  
\100\132\215\171\277\213\317\113\317\252\026\301\225\344\255\114  
\212\076\027\221\324\261\142\345\202\345\200\004\244\003\176\215  
\277\332\177\242\017\227\117\014\323\015\373\327\321\345\162\176  
\034\310\167\377\133\232\017\267\256\005\106\345\361\250\026\354  
\107\244\027\002\003\001\000\001\243\201\366\060\201\363\060\201  
\260\006\003\125\035\021\004\201\250\060\201\245\201\017\151\156  
\146\157\100\151\172\145\156\160\145\056\143\157\155\244\201\221  
\060\201\216\061\107\060\105\006\003\125\004\012\014\076\111\132  
\105\116\120\105\040\123\056\101\056\040\055\040\103\111\106\040  
\101\060\061\063\063\067\062\066\060\055\122\115\145\162\143\056  
\126\151\164\157\162\151\141\055\107\141\163\164\145\151\172\040  
\124\061\060\065\065\040\106\066\062\040\123\070\061\103\060\101  
\006\003\125\004\011\014\072\101\166\144\141\040\144\145\154\040  
\115\145\144\151\164\145\162\162\141\156\145\157\040\105\164\157  
\162\142\151\144\145\141\040\061\064\040\055\040\060\061\060\061  
\060\040\126\151\164\157\162\151\141\055\107\141\163\164\145\151  
\172\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\035\006\003\125\035\016\004\026\004\024\035\034\145  
\016\250\362\045\173\264\221\317\344\261\261\346\275\125\164\154  
\005\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\003\202\002\001\000\170\246\014\026\112\237\114\210\072\300\313  
\016\245\026\175\237\271\110\137\030\217\015\142\066\366\315\031  
\153\254\253\325\366\221\175\256\161\363\077\263\016\170\205\233  
\225\244\047\041\107\102\112\174\110\072\365\105\174\263\014\216  
\121\170\254\225\023\336\306\375\175\270\032\220\114\253\222\003  
\307\355\102\001\316\017\330\261\372\242\222\341\140\155\256\172  
\153\011\252\306\051\356\150\111\147\060\200\044\172\061\026\071  
\133\176\361\034\056\335\154\011\255\362\061\301\202\116\271\273  
\371\276\277\052\205\077\300\100\243\072\131\374\131\113\074\050  
\044\333\264\025\165\256\015\210\272\056\163\300\275\130\207\345  
\102\362\353\136\356\036\060\042\231\313\067\321\304\041\154\201  
\354\276\155\046\346\034\344\102\040\236\107\260\254\203\131\160

```
\054\065\326\257\066\064\264\315\073\370\062\250\357\343\170\211
\373\215\105\054\332\234\270\176\100\034\141\347\076\242\222\054
\113\362\315\372\230\266\051\377\363\362\173\251\037\056\240\223
\127\053\336\205\003\371\151\067\313\236\170\152\005\264\305\061
\170\211\354\172\247\205\341\271\173\074\336\276\036\171\204\316
\237\160\016\131\302\065\056\220\052\061\331\344\105\172\101\244
\056\023\233\064\016\146\173\111\253\144\227\320\106\303\171\235
\162\120\143\246\230\133\006\275\110\155\330\071\203\160\350\065
\360\005\321\252\274\343\333\310\002\352\174\375\202\332\302\133
\122\065\256\230\072\255\272\065\223\043\247\037\110\335\065\106
\230\262\020\150\344\245\061\302\012\130\056\031\201\020\311\120
\165\374\352\132\026\316\021\327\356\357\120\210\055\141\377\077
\102\163\005\224\103\325\216\074\116\001\072\031\245\037\106\116
\167\320\135\345\201\042\041\207\376\224\175\204\330\223\255\326
\150\103\110\262\333\353\163\044\347\221\177\124\244\266\200\076
\235\243\074\114\162\302\127\304\240\324\314\070\047\316\325\006
\236\242\110\331\351\237\316\202\160\066\223\232\073\337\226\041
\343\131\267\014\332\221\067\360\375\131\132\263\231\310\151\154
\103\046\001\065\143\140\125\211\003\072\165\330\272\112\331\124
\377\356\336\200\330\055\321\070\325\136\055\013\230\175\076\154
\333\374\046\210\307
```

END

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

```
# Trust for "Izenpe.com"
```

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

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

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

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

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

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

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

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

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

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

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

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

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

END

```
CKA_ISSUER MULTILINE_OCTAL
```

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Chambers of Commerce Root - 2008"

#

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Chambers of Commerce Root - 2008"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
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\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
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END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141  
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\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155  
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CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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CKA\_VALUE MULTILINE\_OCTAL

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\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164  
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\164\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141  
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Chambers of Commerce Root - 2008"

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

```
# Serial Number:00:a3:da:42:7e:a4:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After : Sat Jul 31 12:29:50 2038
# Fingerprint (SHA-256):
06:3E:4A:FA:C4:91:DF:D3:32:F3:08:9B:85:42:E9:46:17:D8:93:D7:FE:94:4E:10:A7:93:7E:E2:9D:96:93:C0
# Fingerprint (SHA1): 78:6A:74:AC:76:AB:14:7F:9C:6A:30:50:BA:9E:A8:7E:FE:9A:CE:3C
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\170\152\164\254\166\253\024\177\234\152\060\120\272\236\250\176
\376\232\316\074
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\136\200\236\204\132\016\145\013\027\002\363\125\030\052\076\327
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CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Global Chambersign Root - 2008"
#
# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see
current address at www.camerfirma.com/address),C=EU
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce
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# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038
# Fingerprint (SHA-256):
13:63:35:43:93:34:A7:69:80:16:A0:D3:24:DE:72:28:4E:07:9D:7B:52:20:BB:8F:BD:74:78:16:EE:BE:BA:CA
# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
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\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164\040  
\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056\143  
\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020\006  
\003\125\004\005\023\011\101\070\062\067\064\063\062\070\067\061  
\033\060\031\006\003\125\004\012\023\022\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\056\101\056\061\047\060\045  
\006\003\125\004\003\023\036\107\154\157\142\141\154\040\103\150  
\141\155\142\145\162\163\151\147\156\040\122\157\157\164\040\055  
\040\062\060\060\070\060\202\002\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002  
\012\002\202\002\001\000\300\337\126\323\344\072\233\166\105\264  
\023\333\377\301\266\031\213\067\101\030\225\122\107\353\027\235  
\051\210\216\065\154\006\062\056\107\142\363\111\004\277\175\104  
\066\261\161\314\275\132\011\163\325\331\205\104\377\221\127\045  
\337\136\066\216\160\321\134\161\103\035\331\332\357\134\322\373  
\033\275\072\265\313\255\243\314\104\247\015\256\041\025\077\271  
\172\133\222\165\330\244\022\070\211\031\212\267\200\322\342\062  
\157\126\234\221\326\210\020\013\263\164\144\222\164\140\363\366  
\317\030\117\140\262\043\320\307\073\316\141\113\231\217\302\014  
\320\100\262\230\334\015\250\116\243\271\012\256\140\240\255\105  
\122\143\272\146\275\150\340\371\276\032\250\201\273\036\101\170  
\165\323\301\376\000\125\260\207\124\350\047\220\065\035\114\063  
\255\227\374\227\056\230\204\277\054\311\243\277\321\230\021\024  
\355\143\370\312\230\210\130\027\231\355\105\003\227\176\074\206  
\036\210\214\276\362\221\204\217\145\064\330\000\114\175\267\061  
\027\132\051\172\012\030\044\060\243\067\265\172\251\001\175\046  
\326\371\016\216\131\361\375\033\063\265\051\073\027\073\101\266  
\041\335\324\300\075\245\237\237\037\103\120\311\273\274\154\172  
\227\230\356\315\214\037\373\234\121\256\213\160\275\047\237\161  
\300\153\254\175\220\146\350\327\135\072\015\260\325\302\215\325  
\310\235\235\301\155\320\320\277\121\344\343\370\303\070\066\256  
\326\247\165\346\257\204\103\135\223\222\014\152\007\336\073\035  
\230\042\326\254\301\065\333\243\240\045\377\162\265\166\035\336  
\155\351\054\146\054\122\204\320\105\222\316\034\345\345\063\035

\334\007\123\124\243\252\202\073\232\067\057\334\335\240\144\351  
\346\335\275\256\374\144\205\035\074\247\311\006\336\204\377\153  
\350\153\032\074\305\242\263\102\373\213\011\076\137\010\122\307  
\142\304\324\005\161\277\304\144\344\370\241\203\350\076\022\233  
\250\036\324\066\115\057\161\366\215\050\366\203\251\023\322\141  
\301\221\273\110\300\064\217\101\214\113\114\333\151\022\377\120  
\224\234\040\203\131\163\355\174\241\362\361\375\335\367\111\323  
\103\130\240\126\143\312\075\075\345\065\126\131\351\016\312\040  
\314\053\113\223\051\017\002\003\001\000\001\243\202\001\152\060  
\202\001\146\060\022\006\003\125\035\023\001\001\377\004\010\060  
\006\001\001\377\002\001\014\060\035\006\003\125\035\016\004\026  
\004\024\271\011\312\234\036\333\323\154\072\153\256\355\124\361  
\133\223\006\065\056\136\060\201\341\006\003\125\035\043\004\201  
\331\060\201\326\200\024\271\011\312\234\036\333\323\154\072\153  
\256\355\124\361\133\223\006\065\056\136\241\201\262\244\201\257  
\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125  
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151  
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141  
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141  
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144  
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011  
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125  
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155  
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023  
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163  
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070\202  
\011\000\311\315\323\351\325\175\043\316\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\075\006\003\125\035  
\040\004\066\060\064\060\062\006\004\125\035\040\000\060\052\060  
\050\006\010\053\006\001\005\005\007\002\001\026\034\150\164\164  
\160\072\057\057\160\157\154\151\143\171\056\143\141\155\145\162  
\146\151\162\155\141\056\143\157\155\060\015\006\011\052\206\110  
\206\367\015\001\001\005\005\000\003\202\002\001\000\200\210\177  
\160\336\222\050\331\005\224\106\377\220\127\251\361\057\337\032  
\015\153\372\174\016\034\111\044\171\047\330\106\252\157\051\131  
\122\210\160\022\352\335\075\365\233\123\124\157\341\140\242\250  
\011\271\354\353\131\174\306\065\361\334\030\351\361\147\345\257  
\272\105\340\011\336\312\104\017\302\027\016\167\221\105\172\063  
\137\137\226\054\150\213\301\107\217\230\233\075\300\354\313\365  
\325\202\222\204\065\321\276\066\070\126\162\061\133\107\055\252  
\027\244\143\121\353\012\001\255\177\354\165\236\313\241\037\361  
\177\022\261\271\344\144\177\147\326\043\052\364\270\071\135\230  
\350\041\247\341\275\075\102\032\164\232\160\257\150\154\120\135  
\111\317\377\373\016\135\346\054\107\327\201\072\131\000\265\163  
\153\143\040\366\061\105\010\071\016\364\160\176\100\160\132\077  
\320\153\102\251\164\075\050\057\002\155\165\162\225\011\215\110  
\143\306\306\043\127\222\223\136\065\301\215\371\012\367\054\235  
\142\034\366\255\174\335\246\061\036\266\261\307\176\205\046\372

```
\244\152\265\332\143\060\321\357\223\067\262\146\057\175\005\367
\347\267\113\230\224\065\300\331\072\051\301\235\262\120\063\035
\112\251\132\246\311\003\357\355\364\347\250\156\212\264\127\204
\353\244\077\320\356\252\252\207\133\143\350\223\342\153\250\324
\270\162\170\153\033\355\071\344\135\313\233\252\207\325\117\116
\000\376\331\152\237\074\061\017\050\002\001\175\230\350\247\260
\242\144\236\171\370\110\362\025\251\314\346\310\104\353\077\170
\231\362\173\161\076\074\361\230\247\305\030\022\077\346\273\050
\063\102\351\105\012\174\155\362\206\171\057\305\202\031\175\011
\211\174\262\124\166\210\256\336\301\363\314\341\156\333\061\326
\223\256\231\240\357\045\152\163\230\211\133\072\056\023\210\036
\277\300\222\224\064\033\343\047\267\213\036\157\102\377\347\351
\067\233\120\035\055\242\371\002\356\313\130\130\072\161\274\150
\343\252\301\257\034\050\037\242\334\043\145\077\201\352\256\231
\323\330\060\317\023\015\117\025\311\204\274\247\110\055\370\060
\043\167\330\106\113\171\155\366\214\355\072\177\140\021\170\364
\351\233\256\325\124\300\164\200\321\013\102\237\301
```

END

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

# Trust for "Global Chambersign Root - 2008"

# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce

# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Not Valid Before: Fri Aug 01 12:31:40 2008

# Not Valid After : Sat Jul 31 12:31:40 2038

# Fingerprint (SHA-256):

13:63:35:43:93:34:A7:69:80:16:A0:D3:24:DE:72:28:4E:07:9D:7B:52:20:BB:8F:BD:74:78:16:EE:BE:BA:CA

# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\112\275\356\354\225\015\065\234\211\256\307\122\241\054\133\051
\366\326\252\014
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\236\200\377\170\001\014\056\301\066\275\376\226\220\156\010\363
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
```

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Go Daddy Root Certificate Authority - G2"

#

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

# Serial Number: 0 (0x0)

# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com,

Inc.",L=Scottsdale,ST=Arizona,C=US

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157  
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157  
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012  
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111  
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157  
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164  
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164  
\171\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\305\060\202\002\255\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156  
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012\023  
\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111\156  
\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157\040  
\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\062\060\036\027\015\060\071\060\071\060\061\060  
\060\060\060\060\060\132\027\015\063\067\061\062\063\061\062\063  
\065\071\065\071\132\060\201\203\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\020\060\016\006\003\125\004\010\023\007  
\101\162\151\172\157\156\141\061\023\060\021\006\003\125\004\007  
\023\012\123\143\157\164\164\163\144\141\154\145\061\032\060\030  
\006\003\125\004\012\023\021\107\157\104\141\144\144\171\056\143  
\157\155\054\040\111\156\143\056\061\061\060\057\006\003\125\004  
\003\023\050\107\157\040\104\141\144\144\171\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062\060\202\001\042\060  
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202  
\001\017\000\060\202\001\012\002\202\001\001\000\277\161\142\010  
\361\372\131\064\367\033\311\030\243\367\200\111\130\351\042\203  
\023\246\305\040\103\001\073\204\361\346\205\111\237\047\352\366  
\204\033\116\240\264\333\160\230\307\062\001\261\005\076\007\116  
\356\364\372\117\057\131\060\042\347\253\031\126\153\342\200\007  
\374\363\026\165\200\071\121\173\345\371\065\266\164\116\251\215  
\202\023\344\266\077\251\003\203\372\242\276\212\025\152\177\336  
\013\303\266\031\024\005\312\352\303\250\004\224\073\106\174\062  
\015\363\000\146\042\310\215\151\155\066\214\021\030\267\323\262  
\034\140\264\070\372\002\214\316\323\335\106\007\336\012\076\353  
\135\174\310\174\373\260\053\123\244\222\142\151\121\045\005\141

\032\104\201\214\054\251\103\226\043\337\254\072\201\232\016\051  
\305\034\251\351\135\036\266\236\236\060\012\071\316\361\210\200  
\373\113\135\314\062\354\205\142\103\045\064\002\126\047\001\221  
\264\073\160\052\077\156\261\350\234\210\001\175\237\324\371\333  
\123\155\140\235\277\054\347\130\253\270\137\106\374\316\304\033  
\003\074\011\353\111\061\134\151\106\263\340\107\002\003\001\000  
\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\072\232\205\007\020\147\050\266\357\366\275\005\101\156\040  
\301\224\332\017\336\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\231\333\135\171\325\371\227  
\131\147\003\141\361\176\073\006\061\165\055\241\040\216\117\145  
\207\264\367\246\234\274\330\351\057\320\333\132\356\317\164\214  
\163\264\070\102\332\005\173\370\002\165\270\375\245\261\327\256  
\366\327\336\023\313\123\020\176\212\106\321\227\372\267\056\053  
\021\253\220\260\047\200\371\350\237\132\351\067\237\253\344\337  
\154\263\205\027\235\075\331\044\117\171\221\065\326\137\004\353  
\200\203\253\232\002\055\265\020\364\330\220\307\004\163\100\355  
\162\045\240\251\237\354\236\253\150\022\231\127\306\217\022\072  
\011\244\275\104\375\006\025\067\301\233\344\062\243\355\070\350  
\330\144\363\054\176\024\374\002\352\237\315\377\007\150\027\333  
\042\220\070\055\172\215\321\124\361\151\343\137\063\312\172\075  
\173\012\343\312\177\137\071\345\342\165\272\305\166\030\063\316  
\054\360\057\114\255\367\261\347\316\117\250\304\233\112\124\006  
\305\177\175\325\010\017\342\034\376\176\027\270\254\136\366\324  
\026\262\103\011\014\115\366\247\153\264\231\204\145\312\172\210  
\342\342\104\276\134\367\352\034\365

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

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

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

# Serial Number: 0 (0x0)

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

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

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

# Fingerprint (SHA-256):

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

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

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"

```

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\107\276\253\311\042\352\350\016\170\170\064\142\247\237\105\302
\124\375\346\213
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\200\072\274\042\301\346\373\215\233\073\047\112\062\033\232\001
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

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

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\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157  
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012  
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150  
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062  
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145  
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040  
\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157  
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157  
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012  
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150  
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062  
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145  
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040  
\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\335\060\202\002\305\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156  
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023  
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156  
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062\060  
\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145\154  
\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062\060\036\027\015\060\071\060\071\060\061\060\060\060\060\060  
\060\132\027\015\063\067\061\062\063\061\062\063\065\071\065\071  
\132\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172  
\157\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143  
\157\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004  
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143  
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061  
\062\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151  
\145\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055

\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\275\355\301\003\374\366\217\374\002\261\157\133  
\237\110\331\235\171\342\242\267\003\141\126\030\303\107\266\327  
\312\075\065\056\211\103\367\241\151\233\336\212\032\375\023\040  
\234\264\111\167\062\051\126\375\271\354\214\335\042\372\162\334  
\047\141\227\356\366\132\204\354\156\031\271\211\054\334\204\133  
\325\164\373\153\137\305\211\245\020\122\211\106\125\364\270\165  
\034\346\177\344\124\256\113\370\125\162\127\002\031\370\027\161  
\131\353\036\050\007\164\305\235\110\276\154\264\364\244\260\363  
\144\067\171\222\300\354\106\136\177\341\155\123\114\142\257\315  
\037\013\143\273\072\235\373\374\171\000\230\141\164\317\046\202  
\100\143\363\262\162\152\031\015\231\312\324\016\165\314\067\373  
\213\211\301\131\361\142\177\137\263\137\145\060\370\247\267\115  
\166\132\036\166\136\064\300\350\226\126\231\212\263\360\177\244  
\315\275\334\062\061\174\221\317\340\137\021\370\153\252\111\134  
\321\231\224\321\242\343\143\133\011\166\265\126\142\341\113\164  
\035\226\324\046\324\010\004\131\320\230\016\016\346\336\374\303  
\354\037\220\361\002\003\001\000\001\243\102\060\100\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\174\014\062\037\247\331\060  
\177\304\175\150\243\142\250\241\316\253\007\133\047\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001  
\000\021\131\372\045\117\003\157\224\231\073\232\037\202\205\071  
\324\166\005\224\136\341\050\223\155\142\135\011\302\240\250\324  
\260\165\070\361\064\152\235\344\237\212\206\046\121\346\054\321  
\306\055\156\225\040\112\222\001\354\270\212\147\173\061\342\147  
\056\214\225\003\046\056\103\235\112\061\366\016\265\014\273\267  
\342\067\177\042\272\000\243\016\173\122\373\153\273\073\304\323  
\171\121\116\315\220\364\147\007\031\310\074\106\172\015\001\175  
\305\130\347\155\346\205\060\027\232\044\304\020\340\004\367\340  
\362\177\324\252\012\377\102\035\067\355\224\345\144\131\022\040  
\167\070\323\062\076\070\201\165\226\163\372\150\217\261\313\316  
\037\305\354\372\234\176\317\176\261\361\007\055\266\374\277\312  
\244\277\320\227\005\112\274\352\030\050\002\220\275\124\170\011  
\041\161\323\321\175\035\331\026\260\251\141\075\320\012\000\042  
\374\307\173\313\011\144\105\013\073\100\201\367\175\174\062\365  
\230\312\130\216\175\052\356\220\131\163\144\371\066\164\136\045  
\241\365\146\005\056\177\071\025\251\052\373\120\213\216\205\151  
\364

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Starfield Root Certificate Authority - G2"

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

```

Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (SHA-256):
2C:E1:CB:0B:F9:D2:F9:E1:02:99:3F:BE:21:51:52:C3:B2:DD:0C:AB:DE:1C:68:E5:31:9B:83:91:54:DB:B7:F5
# Fingerprint (SHA1): B5:1C:06:7C:EE:2B:0C:3D:F8:55:AB:2D:92:F4:FE:39:D4:E7:0F:0E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\265\034\006\174\356\053\014\075\370\125\253\055\222\364\376\071
\324\347\017\016
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\326\071\201\306\122\176\226\151\374\374\312\146\355\005\362\226
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Starfield Services Root Certificate Authority - G2"
#
# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,

```

```
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (SHA-256):
56:8D:69:05:A2:C8:87:08:A4:B3:02:51:90:ED:CF:ED:B1:97:4A:60:6A:13:C6:E5:29:0F:CB:2A:E6:3E:DA:B5
# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\357\060\202\002\327\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156
```

\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073\060  
\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145\154  
\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164\040  
\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150  
\157\162\151\164\171\040\055\040\107\062\060\036\027\015\060\071  
\060\071\060\061\060\060\060\060\060\060\132\027\015\063\067\061  
\062\063\061\062\063\065\071\065\071\132\060\201\230\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\020\060\016\006\003  
\125\004\010\023\007\101\162\151\172\157\156\141\061\023\060\021  
\006\003\125\004\007\023\012\123\143\157\164\164\163\144\141\154  
\145\061\045\060\043\006\003\125\004\012\023\034\123\164\141\162  
\146\151\145\154\144\040\124\145\143\150\156\157\154\157\147\151  
\145\163\054\040\111\156\143\056\061\073\060\071\006\003\125\004  
\003\023\062\123\164\141\162\146\151\145\154\144\040\123\145\162  
\166\151\143\145\163\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\325\014\072\304\052\371\116\342\365\276  
\031\227\137\216\210\123\261\037\077\313\317\237\040\023\155\051  
\072\310\017\175\074\367\153\166\070\143\331\066\140\250\233\136  
\134\000\200\262\057\131\177\366\207\371\045\103\206\347\151\033  
\122\232\220\341\161\343\330\055\015\116\157\366\310\111\331\266  
\363\032\126\256\053\266\164\024\353\317\373\046\343\032\272\035  
\226\056\152\073\130\224\211\107\126\377\045\240\223\160\123\203  
\332\204\164\024\303\147\236\004\150\072\337\216\100\132\035\112  
\116\317\103\221\073\347\126\326\000\160\313\122\356\173\175\256  
\072\347\274\061\371\105\366\302\140\317\023\131\002\053\200\314  
\064\107\337\271\336\220\145\155\002\317\054\221\246\246\347\336  
\205\030\111\174\146\116\243\072\155\251\265\356\064\056\272\015  
\003\270\063\337\107\353\261\153\215\045\331\233\316\201\321\105  
\106\062\226\160\207\336\002\016\111\103\205\266\154\163\273\144  
\352\141\101\254\311\324\124\337\207\057\307\042\262\046\314\237  
\131\124\150\237\374\276\052\057\304\125\034\165\100\140\027\205  
\002\125\071\213\177\005\002\003\001\000\001\243\102\060\100\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\035\006\003\125\035\016\004\026\004\024\234\137\000\337\252  
\001\327\060\053\070\210\242\270\155\112\234\362\021\221\203\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\001\001\000\113\066\246\204\167\151\335\073\031\237\147\043\010  
\157\016\141\311\375\204\334\137\330\066\201\315\330\033\101\055  
\237\140\335\307\032\150\331\321\156\206\341\210\043\317\023\336  
\103\317\342\064\263\004\235\037\051\325\277\370\136\310\325\301  
\275\356\222\157\062\164\362\221\202\057\275\202\102\172\255\052  
\267\040\175\115\274\172\125\022\302\025\352\275\367\152\225\056  
\154\164\237\317\034\264\362\305\001\243\205\320\162\076\255\163  
\253\013\233\165\014\155\105\267\216\224\254\226\067\265\240\320

```
\217\025\107\016\343\350\203\335\217\375\357\101\001\167\314\047
\251\142\205\063\362\067\010\357\161\317\167\006\336\310\031\035
\210\100\317\175\106\035\377\036\307\341\316\377\043\333\306\372
\215\125\116\251\002\347\107\021\106\076\364\375\275\173\051\046
\273\251\141\142\067\050\266\055\052\366\020\206\144\311\160\247
\322\255\267\051\160\171\352\074\332\143\045\237\375\150\267\060
\354\160\373\165\212\267\155\140\147\262\036\310\271\351\330\250
\157\002\213\147\015\115\046\127\161\332\040\374\301\112\120\215
\261\050\272
```

END

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

```
# Trust for "Starfield Services Root Certificate Authority - G2"
```

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

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

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

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

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

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

```
56:8D:69:05:A2:C8:87:08:A4:B3:02:51:90:ED:CF:ED:B1:97:4A:60:6A:13:C6:E5:29:0F:CB:2A:E6:3E:DA:B5
```

```
# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\222\132\217\215\054\155\004\340\146\137\131\152\377\042\330\143
\350\045\157\077
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\027\065\164\257\173\141\034\353\364\371\074\342\356\100\371\242
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

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

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Commercial"
#
# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Serial Number:77:77:06:27:26:a9:b1:7c
# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:06:06 2010
# Not Valid After : Tue Dec 31 14:06:06 2030
# Fingerprint (SHA-256):
03:76:AB:1D:54:C5:F9:80:3C:E4:B2:E2:01:A0:EE:7E:EF:7B:57:B6:36:E8:A9:3C:9B:8D:48:60:C9:6F:5F:A7
# Fingerprint (SHA1): F9:B5:B6:32:45:5F:9C:BE:EC:57:5F:80:DC:E9:6E:2C:C7:B2:78:B7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Commercial"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\167\167\006\047\046\251\261\174
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\167
\167\006\047\046\251\261\174\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\104\061\013\060\011\006\003\125\004

```

\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013  
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006  
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163  
\164\040\103\157\155\155\145\162\143\151\141\154\060\036\027\015  
\061\060\060\061\062\071\061\064\060\066\060\066\132\027\015\063  
\060\061\062\063\061\061\064\060\066\060\066\132\060\104\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006  
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163  
\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151  
\162\155\124\162\165\163\164\040\103\157\155\155\145\162\143\151  
\141\154\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\366\033\117\147\007\053\241\025\365\006\042\313\037  
\001\262\343\163\105\006\104\111\054\273\111\045\024\326\316\303  
\267\253\054\117\306\101\062\224\127\372\022\247\133\016\342\217  
\037\036\206\031\247\252\265\055\271\137\015\212\302\257\205\065  
\171\062\055\273\034\142\067\362\261\133\112\075\312\315\161\137  
\351\102\276\224\350\310\336\371\042\110\144\306\345\253\306\053  
\155\255\005\360\372\325\013\317\232\345\360\120\244\213\073\107  
\245\043\133\172\172\370\063\077\270\357\231\227\343\040\301\326  
\050\211\317\224\373\271\105\355\343\100\027\021\324\164\360\013  
\061\342\053\046\152\233\114\127\256\254\040\076\272\105\172\005  
\363\275\233\151\025\256\175\116\040\143\304\065\166\072\007\002  
\311\067\375\307\107\356\350\361\166\035\163\025\362\227\244\265  
\310\172\171\331\102\252\053\177\134\376\316\046\117\243\146\201  
\065\257\104\272\124\036\034\060\062\145\235\346\074\223\136\120  
\116\172\343\072\324\156\314\032\373\371\322\067\256\044\052\253  
\127\003\042\050\015\111\165\177\267\050\332\165\277\216\343\334  
\016\171\061\002\003\001\000\001\243\102\060\100\060\035\006\003  
\125\035\016\004\026\004\024\235\223\306\123\213\136\312\257\077  
\237\036\017\345\231\225\274\044\366\224\217\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011  
\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001\000  
\130\254\364\004\016\315\300\015\377\012\375\324\272\026\137\051  
\275\173\150\231\130\111\322\264\035\067\115\177\047\175\106\006  
\135\103\306\206\056\076\163\262\046\175\117\223\251\266\304\052  
\232\253\041\227\024\261\336\214\323\253\211\025\330\153\044\324  
\361\026\256\330\244\134\324\177\121\216\355\030\001\261\223\143  
\275\274\370\141\200\232\236\261\316\102\160\342\251\175\006\045  
\175\047\241\376\157\354\263\036\044\332\343\113\125\032\000\073  
\065\264\073\331\327\135\060\375\201\023\211\362\302\006\053\355  
\147\304\216\311\103\262\134\153\025\211\002\274\142\374\116\362  
\265\063\252\262\157\323\012\242\120\343\366\073\350\056\104\302  
\333\146\070\251\063\126\110\361\155\033\063\215\015\214\077\140  
\067\235\323\312\155\176\064\176\015\237\162\166\213\033\237\162  
\375\122\065\101\105\002\226\057\034\262\232\163\111\041\261\111  
\107\105\107\264\357\152\064\021\311\115\232\314\131\267\326\002

```
\236\132\116\145\265\224\256\033\337\051\260\026\361\277\000\236
\007\072\027\144\265\004\265\043\041\231\012\225\073\227\174\357
END
```

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

```
# Trust for "AffirmTrust Commercial"
```

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

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

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

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

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

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

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

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AffirmTrust Commercial"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\371\265\266\062\105\137\234\276\354\127\137\200\334\351\156\054
\307\262\170\267
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\202\222\272\133\357\315\212\157\246\075\125\371\204\366\326\267
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

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

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

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

```
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "AffirmTrust Networking"
```

```
#
```

```
# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US
```

```
# Serial Number:7c:4f:04:39:1c:d4:99:2d
```

```
# Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:08:24 2010
# Not Valid After : Tue Dec 31 14:08:24 2030
# Fingerprint (SHA-256):
0A:81:EC:5A:92:97:77:F1:45:90:4A:F3:8D:5D:50:9F:66:B5:E2:C5:8F:CD:B5:31:05:8B:0E:17:F3:F0:B4:1B
# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\174
\117\004\071\034\324\231\055\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\104\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163
\164\040\116\145\164\167\157\162\153\151\156\147\060\036\027\015
\061\060\060\061\062\071\061\064\060\070\062\064\132\027\015\063
\060\061\062\063\061\061\064\060\070\062\064\132\060\104\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163
\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\157\162\153\151
\156\147\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\264\204\314\063\027\056\153\224\154\153\141\122\240
\353\243\317\171\224\114\345\224\200\231\313\125\144\104\145\217
```

\147\144\342\006\343\134\067\111\366\057\233\204\204\036\055\362  
\140\235\060\116\314\204\205\342\054\317\036\236\376\066\253\063  
\167\065\104\330\065\226\032\075\066\350\172\016\330\325\107\241  
\152\151\213\331\374\273\072\256\171\132\325\364\326\161\273\232  
\220\043\153\232\267\210\164\207\014\036\137\271\236\055\372\253  
\123\053\334\273\166\076\223\114\010\010\214\036\242\043\034\324  
\152\255\042\272\231\001\056\155\145\313\276\044\146\125\044\113  
\100\104\261\033\327\341\302\205\300\336\020\077\075\355\270\374  
\361\361\043\123\334\277\145\227\157\331\371\100\161\215\175\275  
\225\324\316\276\240\136\047\043\336\375\246\320\046\016\000\051  
\353\074\106\360\075\140\277\077\120\322\334\046\101\121\236\024  
\067\102\004\243\160\127\250\033\207\355\055\372\173\356\214\012  
\343\251\146\211\031\313\101\371\335\104\066\141\317\342\167\106  
\310\175\366\364\222\201\066\375\333\064\361\162\176\363\014\026  
\275\264\025\002\003\001\000\001\243\102\060\100\060\035\006\003  
\125\035\016\004\026\004\024\007\037\322\347\234\332\302\156\242  
\100\264\260\172\120\020\120\164\304\310\275\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\211\127\262\026\172\250\302\375\326\331\233\233\064\302\234\264  
\062\024\115\247\244\337\354\276\247\276\370\103\333\221\067\316  
\264\062\056\120\125\032\065\116\166\103\161\040\357\223\167\116  
\025\160\056\207\303\301\035\155\334\313\265\047\324\054\126\321  
\122\123\072\104\322\163\310\304\033\005\145\132\142\222\234\356  
\101\215\061\333\347\064\352\131\041\325\001\172\327\144\270\144  
\071\315\311\355\257\355\113\003\110\247\240\231\001\200\334\145  
\243\066\256\145\131\110\117\202\113\310\145\361\127\035\345\131  
\056\012\077\154\330\321\365\345\011\264\154\124\000\012\340\025  
\115\207\165\155\267\130\226\132\335\155\322\000\240\364\233\110  
\276\303\067\244\272\066\340\174\207\205\227\032\025\242\336\056  
\242\133\275\257\030\371\220\120\315\160\131\370\047\147\107\313  
\307\240\007\072\175\321\054\135\154\031\072\146\265\175\375\221  
\157\202\261\276\010\223\333\024\107\361\242\067\307\105\236\074  
\307\167\257\144\250\223\337\366\151\203\202\140\362\111\102\064  
\355\132\000\124\205\034\026\066\222\014\134\372\246\255\277\333

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "AffirmTrust Networking"  
# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US  
# Serial Number:7c:4f:04:39:1c:d4:99:2d  
# Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US  
# Not Valid Before: Fri Jan 29 14:08:24 2010  
# Not Valid After : Tue Dec 31 14:08:24 2030  
# Fingerprint (SHA-256):

```

0A:81:EC:5A:92:97:77:F1:45:90:4A:F3:8D:5D:50:9F:66:B5:E2:C5:8F:CD:B5:31:05:8B:0E:17:F3:F0:B4:1B
# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\051\066\041\002\213\040\355\002\365\146\305\062\321\326\355\220
\237\105\000\057
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\102\145\312\276\001\232\232\114\251\214\101\111\315\300\325\177
END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Premium"
#
# Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Serial Number:6d:8c:14:46:b1:a6:0a:ee
# Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:10:36 2010
# Not Valid After : Mon Dec 31 14:10:36 2040
# Fingerprint (SHA-256):
70:A7:3F:7F:37:6B:60:07:42:48:90:45:34:B1:14:82:D5:BF:0E:69:8E:CC:49:8D:F5:25:77:EB:F2:E9:3B:9A
# Fingerprint (SHA1): D8:A6:33:2C:E0:03:6F:B1:85:F6:63:4F:7D:6A:06:65:26:32:28:27
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061

```

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

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_VALUE MULTILINE\_OCTAL

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

\116\046\137\217\220\150\011\057\270\370\334\006\351\056\232\076  
\121\247\321\042\304\012\247\070\110\154\263\371\377\175\253\206  
\127\343\272\326\205\170\167\272\103\352\110\177\366\330\276\043  
\155\036\277\321\066\154\130\134\361\356\244\031\124\032\365\003  
\322\166\346\341\214\275\074\263\323\110\113\342\310\370\177\222  
\250\166\106\234\102\145\076\244\036\301\007\003\132\106\055\270  
\227\363\267\325\262\125\041\357\272\334\114\000\227\373\024\225  
\047\063\277\350\103\107\106\322\010\231\026\140\073\232\176\322  
\346\355\070\352\354\001\036\074\110\126\111\011\307\114\067\000  
\236\210\016\300\163\341\157\146\351\162\107\060\076\020\345\013  
\003\311\232\102\000\154\305\224\176\141\304\212\337\177\202\032  
\013\131\304\131\062\167\263\274\140\151\126\071\375\264\006\173  
\054\326\144\066\331\275\110\355\204\037\176\245\042\217\052\270  
\102\364\202\267\324\123\220\170\116\055\032\375\201\157\104\327  
\073\001\164\226\102\340\000\342\056\153\352\305\356\162\254\273  
\277\376\352\252\250\370\334\366\262\171\212\266\147\002\003\001  
\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004  
\024\235\300\147\246\014\042\331\046\365\105\253\246\145\122\021  
\047\330\105\254\143\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015  
\001\001\014\005\000\003\202\002\001\000\263\127\115\020\142\116  
\072\344\254\352\270\034\257\062\043\310\263\111\132\121\234\166  
\050\215\171\252\127\106\027\325\365\122\366\267\104\350\010\104  
\277\030\204\322\013\200\315\305\022\375\000\125\005\141\207\101  
\334\265\044\236\074\304\330\310\373\160\236\057\170\226\203\040  
\066\336\174\017\151\023\210\245\165\066\230\010\246\306\337\254  
\316\343\130\326\267\076\336\272\363\353\064\100\330\242\201\365  
\170\077\057\325\245\374\331\242\324\136\004\016\027\255\376\101  
\360\345\262\162\372\104\202\063\102\350\055\130\367\126\214\142  
\077\272\102\260\234\014\134\176\056\145\046\134\123\117\000\262  
\170\176\241\015\231\055\215\270\035\216\242\304\260\375\140\320  
\060\244\216\310\004\142\251\304\355\065\336\172\227\355\016\070  
\136\222\057\223\160\245\251\234\157\247\175\023\035\176\306\010  
\110\261\136\147\353\121\010\045\351\346\045\153\122\051\221\234  
\322\071\163\010\127\336\231\006\264\133\235\020\006\341\302\000  
\250\270\034\112\002\012\024\320\301\101\312\373\214\065\041\175  
\202\070\362\251\124\221\031\065\223\224\155\152\072\305\262\320  
\273\211\206\223\350\233\311\017\072\247\172\270\241\360\170\106  
\372\374\067\057\345\212\204\363\337\376\004\331\241\150\240\057  
\044\342\011\225\006\325\225\312\341\044\226\353\174\366\223\005  
\273\355\163\351\055\321\165\071\327\347\044\333\330\116\137\103  
\217\236\320\024\071\277\125\160\110\231\127\061\264\234\356\112  
\230\003\226\060\037\140\006\356\033\043\376\201\140\043\032\107  
\142\205\245\314\031\064\200\157\263\254\032\343\237\360\173\110  
\255\325\001\331\147\266\251\162\223\352\055\146\265\262\270\344  
\075\074\262\357\114\214\352\353\007\277\253\065\232\125\206\274  
\030\246\265\250\136\264\203\154\153\151\100\323\237\334\361\303

```
\151\153\271\341\155\011\364\361\252\120\166\012\172\175\172\027
\241\125\226\102\231\061\011\335\140\021\215\005\060\176\346\216
\106\321\235\024\332\307\027\344\005\226\214\304\044\265\033\317
\024\007\262\100\370\243\236\101\206\274\004\320\153\226\310\052
\200\064\375\277\357\006\243\335\130\305\205\075\076\217\376\236
\051\340\266\270\011\150\031\034\030\103
```

END

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

# Trust for "AffirmTrust Premium"

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

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

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

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

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

# Fingerprint (SHA-256):

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

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

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AffirmTrust Premium"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\330\246\063\054\340\003\157\261\205\366\143\117\175\152\006\145
\046\062\050\047
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\304\135\016\110\266\254\050\060\116\012\274\371\070\026\207\127
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

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

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

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

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

```
# Certificate "AffirmTrust Premium ECC"
#
# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Serial Number:74:97:25:8a:c7:3f:7a:54
# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:20:24 2010
# Not Valid After : Mon Dec 31 14:20:24 2040
# Fingerprint (SHA-256):
BD:71:FD:F6:DA:97:E4:CF:62:D1:64:7A:DD:25:81:B0:7D:79:AD:F8:39:7E:B4:EC:BA:9C:5E:84:88:82:14:23
# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\164\227\045\212\307\077\172\124
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\376\060\202\001\205\240\003\002\001\002\002\010\164
\227\045\212\307\077\172\124\060\012\006\010\052\206\110\316\075
\004\003\003\060\105\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\024\060\022\006\003\125\004\012\014\013\101\146\146
\151\162\155\124\162\165\163\164\061\040\060\036\006\003\125\004
\003\014\027\101\146\146\151\162\155\124\162\165\163\164\040\120
\162\145\155\151\165\155\040\105\103\103\060\036\027\015\061\060
\060\061\062\071\061\064\062\060\062\064\132\027\015\064\060\061
\062\063\061\061\064\062\060\062\064\132\060\105\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125
\004\012\014\013\101\146\146\151\162\155\124\162\165\163\164\061
\040\060\036\006\003\125\004\003\014\027\101\146\146\151\162\155
\124\162\165\163\164\040\120\162\145\155\151\165\155\040\105\103
```

```
\103\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\015\060\136\033\025\235\003
\320\241\171\065\267\072\074\222\172\312\025\034\315\142\363\234
\046\134\007\075\345\124\372\243\326\314\022\352\364\024\137\350
\216\031\253\057\056\110\346\254\030\103\170\254\320\067\303\275
\262\315\054\346\107\342\032\346\143\270\075\056\057\170\304\117
\333\364\017\244\150\114\125\162\153\225\035\116\030\102\225\170
\314\067\074\221\342\233\145\053\051\243\102\060\100\060\035\006
\003\125\035\016\004\026\004\024\232\257\051\172\300\021\065\065
\046\121\060\000\303\152\376\100\325\256\326\074\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\012\006
\010\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060
\027\011\363\207\210\120\132\257\310\300\102\277\107\137\365\154
\152\206\340\304\047\164\344\070\123\327\005\177\033\064\343\306
\057\263\312\011\074\067\235\327\347\270\106\361\375\241\342\161
\002\060\102\131\207\103\324\121\337\272\323\011\062\132\316\210
\176\127\075\234\137\102\153\365\007\055\265\360\202\223\371\131
\157\256\144\372\130\345\213\036\343\143\276\265\201\315\157\002
\214\171
```

END

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

```
# Trust for "AffirmTrust Premium ECC"
```

```
# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
```

```
# Serial Number:74:97:25:8a:c7:3f:7a:54
```

```
# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
```

```
# Not Valid Before: Fri Jan 29 14:20:24 2010
```

```
# Not Valid After : Mon Dec 31 14:20:24 2040
```

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

```
BD:71:FD:F6:DA:97:E4:CF:62:D1:64:7A:DD:25:81:B0:7D:79:AD:F8:39:7E:B4:EC:BA:9C:5E:84:88:82:14:23
```

```
# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AffirmTrust Premium ECC"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\270\043\153\000\057\035\026\206\123\001\125\154\021\244\067\312
\353\377\303\273
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\144\260\011\125\317\261\325\231\342\276\023\253\246\135\352\115
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

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

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Certum Trusted Network CA"

#

# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Serial Number: 279744 (0x444c0)

# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Not Valid Before: Wed Oct 22 12:07:37 2008

# Not Valid After : Mon Dec 31 12:07:37 2029

# Fingerprint (SHA-256):

5C:58:46:8D:55:F5:8E:49:7E:74:39:82:D2:B5:00:10:B6:D1:65:37:4A:CF:83:A7:D4:A3:2D:B7:68:C4:40:8E

# Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certum Trusted Network CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
```

\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040  
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162  
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\003\004\104\300

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\273\060\202\002\243\240\003\002\001\002\002\003\004  
\104\300\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060  
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\060\036\027\015\060\070\061\060\062\062\061\062\060\067\063  
\067\132\027\015\062\071\061\062\063\061\061\062\060\067\063\067  
\132\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060  
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\343\373\175\243\162\272\302\360\311\024\207\365\153\001  
\116\341\156\100\007\272\155\047\135\177\367\133\055\263\132\307  
\121\137\253\244\062\246\141\207\266\156\017\206\322\060\002\227  
\370\327\151\127\241\030\071\135\152\144\171\306\001\131\254\074  
\061\112\070\174\322\004\322\113\050\350\040\137\073\007\242\314  
\115\163\333\363\256\117\307\126\325\132\247\226\211\372\363\253  
\150\324\043\206\131\047\317\011\047\274\254\156\162\203\034\060  
\162\337\340\242\351\322\341\164\165\031\275\052\236\173\025\124  
\004\033\327\103\071\255\125\050\305\342\032\273\364\300\344\256  
\070\111\063\314\166\205\237\071\105\322\244\236\362\022\214\121  
\370\174\344\055\177\365\254\137\353\026\237\261\055\321\272\314  
\221\102\167\114\045\311\220\070\157\333\360\314\373\216\036\227  
\131\076\325\140\116\346\005\050\355\111\171\023\113\272\110\333  
\057\371\162\323\071\312\376\037\330\064\162\365\264\100\317\061  
\001\303\354\336\021\055\027\135\037\270\120\321\136\031\247\151  
\336\007\063\050\312\120\225\371\247\124\313\124\206\120\105\251  
\371\111\002\003\001\000\001\243\102\060\100\060\017\006\003\125

```
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\010\166\315\313\007\377\044\366\305
\315\355\273\220\274\342\204\067\106\165\367\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\246
\250\255\042\316\001\075\246\243\377\142\320\110\235\213\136\162
\260\170\104\343\334\034\257\011\375\043\110\372\275\052\304\271
\125\004\265\020\243\215\047\336\013\202\143\320\356\336\014\067
\171\101\133\042\262\260\232\101\134\246\160\340\324\320\167\313
\043\323\000\340\154\126\057\341\151\015\015\331\252\277\041\201
\120\331\006\245\250\377\225\067\320\252\376\342\263\365\231\055
\105\204\212\345\102\011\327\164\002\057\367\211\330\231\351\274
\047\324\107\215\272\015\106\034\167\317\024\244\034\271\244\061
\304\234\050\164\003\064\377\063\031\046\245\351\015\164\267\076
\227\306\166\350\047\226\243\146\335\341\256\362\101\133\312\230
\126\203\163\160\344\206\032\322\061\101\272\057\276\055\023\132
\166\157\116\350\116\201\016\077\133\003\042\240\022\276\146\130
\021\112\313\003\304\264\052\052\055\226\027\340\071\124\274\110
\323\166\047\235\232\055\006\246\311\354\071\322\253\333\237\232
\013\047\002\065\051\261\100\225\347\371\350\234\125\210\031\106
\326\267\064\365\176\316\071\232\331\070\361\121\367\117\054
```

END

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

```
# Trust for "Certum Trusted Network CA"
```

```
# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
```

```
# Serial Number: 279744 (0x444c0)
```

```
# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
```

```
# Not Valid Before: Wed Oct 22 12:07:37 2008
```

```
# Not Valid After : Mon Dec 31 12:07:37 2029
```

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

```
5C:58:46:8D:55:F5:8E:49:7E:74:39:82:D2:B5:00:10:B6:D1:65:37:4A:CF:83:A7:D4:A3:2D:B7:68:C4:40:8E
```

```
# Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certum Trusted Network CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\007\340\062\340\040\267\054\077\031\057\006\050\242\131\072\031
\247\017\006\236
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\325\351\201\100\305\030\151\374\106\054\211\165\142\017\252\170
```

```

END
CKA_ISSUER MULTILINE_OCTAL
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\004\104\300
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TWCA Root Certification Authority"
#
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 1 (0x1)
# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid Before: Thu Aug 28 07:24:33 2008
# Not Valid After : Tue Dec 31 15:59:59 2030
# Fingerprint (SHA-256):
BF:D8:8F:E1:10:1C:41:AE:3E:80:1B:F8:BE:56:35:0E:E9:BA:D1:A6:B9:BD:51:5E:DC:5C:6D:5B:87:11:AC:44
# Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061

```

\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\173\060\202\002\143\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061\022  
\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116\055  
\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157\157  
\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041\124  
\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\036\027\015\060\070\060\070\062\070\060\067\062\064\063\063  
\132\027\015\063\060\061\062\063\061\061\065\065\071\065\071\132  
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\260\176\162\270\244\003\224\346\247\336\011\070\221\112  
\021\100\207\247\174\131\144\024\173\265\021\020\335\376\277\325  
\300\273\126\342\205\045\364\065\162\017\370\123\320\101\341\104  
\001\302\264\034\303\061\102\026\107\205\063\042\166\262\012\157  
\017\345\045\120\117\205\206\276\277\230\056\020\147\036\276\021  
\005\206\005\220\304\131\320\174\170\020\260\200\134\267\341\307  
\053\165\313\174\237\256\265\321\235\043\067\143\247\334\102\242  
\055\222\004\033\120\301\173\270\076\033\311\126\004\213\057\122  
\233\255\251\126\351\301\377\255\251\130\207\060\266\201\367\227  
\105\374\031\127\073\053\157\344\107\364\231\105\376\035\361\370  
\227\243\210\035\067\034\134\217\340\166\045\232\120\370\240\124  
\377\104\220\166\043\322\062\306\303\253\006\277\374\373\277\363  
\255\175\222\142\002\133\051\323\065\243\223\232\103\144\140\135  
\262\372\062\377\073\004\257\115\100\152\371\307\343\357\043\375  
\153\313\345\017\213\070\015\356\012\374\376\017\230\237\060\061  
\335\154\122\145\371\213\201\276\042\341\034\130\003\272\221\033  
\211\007\002\003\001\000\001\243\102\060\100\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003

```
\125\035\016\004\026\004\024\152\070\133\046\215\336\213\132\362
\117\172\124\203\031\030\343\010\065\246\272\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\074
\325\167\075\332\337\211\272\207\014\010\124\152\040\120\222\276
\260\101\075\271\046\144\203\012\057\350\100\300\227\050\047\202
\060\112\311\223\377\152\347\246\000\177\211\102\232\326\021\345
\123\316\057\314\362\332\005\304\376\342\120\304\072\206\175\314
\332\176\020\011\073\222\065\052\123\262\376\353\053\005\331\154
\135\346\320\357\323\152\146\236\025\050\205\172\350\202\000\254
\036\247\011\151\126\102\323\150\121\030\276\124\232\277\104\101
\272\111\276\040\272\151\134\356\270\167\315\316\154\037\255\203
\226\030\175\016\265\024\071\204\361\050\351\055\243\236\173\036
\172\162\132\203\263\171\157\357\264\374\320\012\245\130\117\106
\337\373\155\171\131\362\204\042\122\256\017\314\373\174\073\347
\152\312\107\141\303\172\370\323\222\004\037\270\040\204\341\066
\124\026\307\100\336\073\212\163\334\337\306\011\114\337\354\332
\377\324\123\102\241\311\362\142\035\042\203\074\227\305\371\031
\142\047\254\145\042\327\323\074\306\345\216\262\123\314\111\316
\274\060\376\173\016\063\220\373\355\322\024\221\037\007\257
```

END

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

```
# Trust for "TWCA Root Certification Authority"
```

```
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
```

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
```

```
# Not Valid Before: Thu Aug 28 07:24:33 2008
```

```
# Not Valid After : Tue Dec 31 15:59:59 2030
```

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

```
BF:D8:8F:E1:10:1C:41:AE:3E:80:1B:F8:BE:56:35:0E:E9:BA:D1:A6:B9:BD:51:5E:DC:5C:6D:5B:87:11:AC:44
```

```
# Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TWCA Root Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\317\236\207\155\323\353\374\102\046\227\243\265\243\172\240\166
\251\006\043\110
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\252\010\217\366\371\173\267\362\261\247\036\233\352\352\275\171
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
```

```

\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Explicitly Distrust DigiNotar Root CA"
#
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025
# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E
# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154

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\053\251\060\173\240\030\037\016\030\013\345\133\251\323\321\154  
\036\007\147\217\221\113\251\212\274\322\146\252\223\001\210\262  
\221\372\061\134\325\246\301\122\010\011\315\012\143\242\323\042  
\246\350\241\331\071\006\227\365\156\215\002\220\214\024\173\077  
\200\315\033\234\272\304\130\162\043\257\266\126\237\306\172\102  
\063\051\007\077\202\311\346\037\005\015\315\114\050\066\213\323  
\310\076\034\306\210\357\136\356\211\144\351\035\353\332\211\176  
\062\246\151\321\335\314\210\237\321\320\311\146\041\334\006\147  
\305\224\172\232\155\142\114\175\314\340\144\200\262\236\107\216  
\243\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125  
\035\016\004\026\004\024\210\150\277\340\216\065\304\073\070\153  
\142\367\050\073\204\201\310\014\327\115\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\073\002  
\215\313\074\060\350\156\240\255\362\163\263\137\236\045\023\004  
\005\323\366\343\213\273\013\171\316\123\336\344\226\305\321\257  
\163\274\325\303\320\100\125\174\100\177\315\033\137\011\325\362  
\174\237\150\035\273\135\316\172\071\302\214\326\230\173\305\203  
\125\250\325\175\100\312\340\036\367\211\136\143\135\241\023\302  
\135\212\266\212\174\000\363\043\303\355\205\137\161\166\360\150  
\143\252\105\041\071\110\141\170\066\334\361\103\223\324\045\307  
\362\200\145\341\123\002\165\121\374\172\072\357\067\253\204\050  
\127\014\330\324\324\231\126\154\343\242\376\131\204\264\061\350  
\063\370\144\224\224\121\227\253\071\305\113\355\332\335\200\013  
\157\174\051\015\304\216\212\162\015\347\123\024\262\140\101\075  
\204\221\061\150\075\047\104\333\345\336\364\372\143\105\310\114  
\076\230\365\077\101\272\116\313\067\015\272\146\230\361\335\313  
\237\134\367\124\066\202\153\054\274\023\141\227\102\370\170\273  
\314\310\242\237\312\360\150\275\153\035\262\337\215\157\007\235  
\332\216\147\307\107\036\312\271\277\052\102\221\267\143\123\146  
\361\102\243\341\364\132\115\130\153\265\344\244\063\255\134\160  
\035\334\340\362\353\163\024\221\232\003\301\352\000\145\274\007  
\374\317\022\021\042\054\256\240\275\072\340\242\052\330\131\351  
\051\323\030\065\244\254\021\137\031\265\265\033\377\042\112\134  
\306\172\344\027\357\040\251\247\364\077\255\212\247\232\004\045  
\235\016\312\067\346\120\375\214\102\051\004\232\354\271\317\113  
\162\275\342\010\066\257\043\057\142\345\312\001\323\160\333\174  
\202\043\054\026\061\014\306\066\007\220\172\261\037\147\130\304  
\073\130\131\211\260\214\214\120\263\330\206\313\150\243\304\012  
\347\151\113\040\316\301\036\126\113\225\251\043\150\330\060\330  
\303\353\260\125\121\315\345\375\053\270\365\273\021\237\123\124  
\366\064\031\214\171\011\066\312\141\027\045\027\013\202\230\163  
\014\167\164\303\325\015\307\250\022\114\307\247\124\161\107\056  
\054\032\175\311\343\053\073\110\336\047\204\247\143\066\263\175  
\217\240\144\071\044\015\075\173\207\257\146\134\164\033\113\163  
\262\345\214\360\206\231\270\345\305\337\204\301\267\353

END

```

# Trust for Certificate "Explicitly Distrust DigiNotar Root CA"
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025
# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E
# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\301\167\313\113\340\264\046\216\365\307\317\105\231\042\271\260
\316\272\041\057
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\012\244\325\314\272\264\373\243\131\343\346\001\335\123\331\116
END
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Security Communication RootCA2"
#
# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
# Not Valid Before: Fri May 29 05:00:39 2009
# Not Valid After : Tue May 29 05:00:39 2029
# Fingerprint (SHA-256):

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51:3B:2C:EC:B8:10:D4:CD:E5:DD:85:39:1A:DF:C6:C2:DD:60:D8:7B:B7:36:D2:B5:21:48:4A:A4:7A:0E:BE:F6  
# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Security Communication RootCA2"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061  
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040  
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117  
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023  
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156  
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061  
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040  
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117  
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023  
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156  
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\001\000  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045  
\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124  
\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056  
\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036  
\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151  
\143\141\164\151\157\156\040\122\157\157\164\103\101\062\060\036  
\027\015\060\071\060\065\062\071\060\065\060\060\063\071\132\027  
\015\062\071\060\065\062\071\060\065\060\060\063\071\132\060\135  
\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045\060  
\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124\162  
\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056\054  
\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036\123  
\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151\143  
\141\164\151\157\156\040\122\157\157\164\103\101\062\060\202\001  
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\320\025  
\071\122\261\122\263\272\305\131\202\304\135\122\256\072\103\145

\200\113\307\362\226\274\333\066\227\326\246\144\214\250\136\360  
\343\012\034\367\337\227\075\113\256\366\135\354\041\265\101\253  
\315\271\176\166\237\276\371\076\066\064\240\073\301\366\061\021  
\105\164\223\075\127\200\305\371\211\231\312\345\253\152\324\265  
\332\101\220\020\301\326\326\102\211\302\277\364\070\022\225\114  
\124\005\367\066\344\105\203\173\024\145\326\334\014\115\321\336  
\176\014\253\073\304\025\276\072\126\246\132\157\166\151\122\251  
\172\271\310\353\152\232\135\122\320\055\012\153\065\026\011\020  
\204\320\152\312\072\006\000\067\107\344\176\127\117\077\213\353  
\147\270\210\252\305\276\123\125\262\221\304\175\271\260\205\031  
\006\170\056\333\141\032\372\205\365\112\221\241\347\026\325\216  
\242\071\337\224\270\160\037\050\077\213\374\100\136\143\203\074  
\203\052\032\231\153\317\336\131\152\073\374\157\026\327\037\375  
\112\020\353\116\202\026\072\254\047\014\123\361\255\325\044\260  
\153\003\120\301\055\074\026\335\104\064\047\032\165\373\002\003  
\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026  
\004\024\012\205\251\167\145\005\230\174\100\201\370\017\227\054  
\070\361\012\354\074\317\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\001\001\000\114\072\243\104\254  
\271\105\261\307\223\176\310\013\012\102\337\144\352\034\356\131  
\154\010\272\211\137\152\312\112\225\236\172\217\007\305\332\105  
\162\202\161\016\072\322\314\157\247\264\241\043\273\366\044\237  
\313\027\376\214\246\316\302\322\333\314\215\374\161\374\003\051  
\301\154\135\063\137\144\266\145\073\211\157\030\166\170\365\334  
\242\110\037\031\077\216\223\353\361\372\027\356\315\116\343\004  
\022\125\326\345\344\335\373\076\005\174\342\035\136\306\247\274  
\227\117\150\072\365\351\056\012\103\266\257\127\134\142\150\174  
\267\375\243\212\204\240\254\142\276\053\011\207\064\360\152\001  
\273\233\051\126\074\376\000\067\317\043\154\361\116\252\266\164  
\106\022\154\221\356\064\325\354\232\221\347\104\276\220\061\162  
\325\111\002\366\002\345\364\037\353\174\331\226\125\251\377\354  
\212\371\231\107\377\065\132\002\252\004\313\212\133\207\161\051  
\221\275\244\264\172\015\275\232\365\127\043\000\007\041\027\077  
\112\071\321\005\111\013\247\266\067\201\245\135\214\252\063\136  
\201\050\174\247\175\047\353\000\256\215\067

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Security Communication RootCA2"  
# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP  
# Serial Number: 0 (0x0)  
# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP  
# Not Valid Before: Fri May 29 05:00:39 2009  
# Not Valid After : Tue May 29 05:00:39 2029

```

# Fingerprint (SHA-256):
51:3B:2C:EC:B8:10:D4:CD:E5:DD:85:39:1A:DF:C6:C2:DD:60:D8:7B:B7:36:D2:B5:21:48:4A:A4:7A:0E:BE:F6
# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\073\214\362\370\020\263\175\170\264\316\354\031\031\303\163
\064\271\307\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\154\071\175\244\016\125\131\262\077\326\101\261\022\120\336\103
END
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "EC-ACC"
#
# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu https://www.catcert.net/verarrel
(c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
# Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu
https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF
Q-0801176-I),C=ES
# Not Valid Before: Tue Jan 07 23:00:00 2003
# Not Valid After : Tue Jan 07 22:59:59 2031
# Fingerprint (SHA-256):
88:49:7F:01:60:2F:31:54:24:6A:E2:8C:4D:5A:EF:10:F1:D8:7E:BB:76:62:6F:4A:E0:B7:F9:5B:A7:96:87:99
# Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EC-ACC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006
\105\103\055\101\103\103
END
CKA_ID UTF8 "0"
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\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006
\105\103\055\101\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\356\053\075\353\324\041\336\024\250\142\254\004\363\335
\304\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\126\060\202\004\076\240\003\002\001\002\002\020\356
\053\075\353\324\041\336\024\250\142\254\004\363\335\304\001\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
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\363\061\013\060\011\006\003\125\004\006\023\002\105\123\061\073  
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\040\103\141\164\141\154\141\156\141\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\040\050\116\111\106\040\121  
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\003\125\004\013\023\037\123\145\162\166\145\151\163\040\120\165  
\142\154\151\143\163\040\144\145\040\103\145\162\164\151\146\151  
\143\141\143\151\157\061\065\060\063\006\003\125\004\013\023\054  
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\156\145\163\061\017\060\015\006\003\125\004\003\023\006\105\103  
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\071\065\071\132\060\201\363\061\013\060\011\006\003\125\004\006  
\023\002\105\123\061\073\060\071\006\003\125\004\012\023\062\101  
\147\145\156\143\151\141\040\103\141\164\141\154\141\156\141\040  
\144\145\040\103\145\162\164\151\146\151\143\141\143\151\157\040  
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\145\151\163\040\120\165\142\154\151\143\163\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\061\065\060\063\006  
\003\125\004\013\023\054\126\145\147\145\165\040\150\164\164\160  
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\156\145\164\057\166\145\162\141\162\162\145\154\040\050\143\051  
\060\063\061\065\060\063\006\003\125\004\013\023\054\112\145\162  
\141\162\161\165\151\141\040\105\156\164\151\164\141\164\163\040  
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\103\141\164\141\154\141\156\145\163\061\017\060\015\006\003\125  
\004\003\023\006\105\103\055\101\103\103\060\202\001\042\060\015  
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\017\000\060\202\001\012\002\202\001\001\000\263\042\307\117\342  
\227\102\225\210\107\203\100\366\035\027\363\203\163\044\036\121  
\363\230\212\303\222\270\377\100\220\005\160\207\140\311\000\251  
\265\224\145\031\042\025\027\302\103\154\146\104\232\015\004\076  
\071\157\245\113\172\252\143\267\212\104\235\331\143\221\204\146  
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\243\137\016\261\353\146\242\162\117\022\023\206\145\172\076\333  
\117\007\364\247\011\140\332\072\102\231\307\262\177\263\026\225  
\034\307\371\064\265\224\205\325\231\136\240\110\240\176\347\027  
\145\270\242\165\270\036\363\345\102\175\257\355\363\212\110\144  
\135\202\024\223\330\300\344\377\263\120\162\362\166\366\263\135  
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\076\322\314\202\242\030\145\063\023\167\236\232\135\032\023\330  
\303\333\075\310\227\172\356\160\355\247\346\174\333\161\317\055

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\011\165\102\160\304\352\357\313\016\310\064\250\022\042\230\014  
\270\023\224\266\113\354\360\320\220\347\047\002\003\001\000\001  
\243\201\343\060\201\340\060\035\006\003\125\035\021\004\026\060  
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\164\056\156\145\164\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
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\024\240\303\213\104\252\067\245\105\277\227\200\132\321\361\170  
\242\233\351\135\215\060\177\006\003\125\035\040\004\170\060\166  
\060\164\006\013\053\006\001\004\001\365\170\001\003\001\012\060  
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\162\164\056\156\145\164\057\166\145\162\141\162\162\145\154\060  
\065\006\010\053\006\001\005\005\007\002\002\060\051\032\047\126  
\145\147\145\165\040\150\164\164\160\163\072\057\057\167\167\167  
\056\143\141\164\143\145\162\164\056\156\145\164\057\166\145\162  
\141\162\162\145\154\040\060\015\006\011\052\206\110\206\367\015  
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\115\110\270\071\125\065\234\200\172\123\231\325\132\377\261\161  
\073\314\071\011\224\136\326\332\357\276\001\133\135\323\036\330  
\375\175\117\315\240\101\340\064\223\277\313\342\206\234\067\222  
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\305\041\103\351\252\210\345\065\300\031\102\143\132\002\136\244  
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\176\154\052\113\152\005\105\214\362\041\244\061\220\207\154\145  
\234\235\245\140\225\072\122\177\365\321\253\010\156\363\356\133  
\371\210\075\176\270\157\156\003\344\102

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

# For Server Distrust After: Sat Dec 28 00:00:00 2019

CKA\_NSS\_SERVER\_DISTRUST\_AFTER MULTILINE\_OCTAL

\061\071\061\062\062\070\060\060\060\060\060\060\132

END

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

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER MULTILINE\_OCTAL

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

END

# Trust for "EC-ACC"

# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu <https://www.catcert.net/verarrel>

(c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES  
# Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01  
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu  
https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES  
# Not Valid Before: Tue Jan 07 23:00:00 2003  
# Not Valid After : Tue Jan 07 22:59:59 2031  
# Fingerprint (SHA-256):  
88:49:7F:01:60:2F:31:54:24:6A:E2:8C:4D:5A:EF:10:F1:D8:7E:BB:76:62:6F:4A:E0:B7:F9:5B:A7:96:87:99  
# Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "EC-ACC"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\050\220\072\143\133\122\200\372\346\167\114\013\155\247\326\272  
\246\112\362\350  
END  
CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\353\365\235\051\015\141\371\102\037\174\302\272\155\343\025\011  
END  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123  
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143  
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106  
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060  
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040  
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151  
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013  
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057  
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057  
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065  
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165  
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141  
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\105\103\055\101\103\103  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\356\053\075\353\324\041\336\024\250\142\254\004\363\335  
\304\001  
END  
CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

```
#
# Certificate "Actalis Authentication Root CA"
#
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Serial Number:57:0a:11:97:42:c4:e3:cc
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Not Valid Before: Thu Sep 22 11:22:02 2011
# Not Valid After : Sun Sep 22 11:22:02 2030
# Fingerprint (SHA-256):
55:92:60:84:EC:96:3A:64:B9:6E:2A:BE:01:CE:0B:A8:6A:64:FB:FE:BC:C7:AA:B5:AF:C1:55:B3:7F:D7:60:66
# Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
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\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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END
CKA_VALUE MULTILINE_OCTAL
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\015\001\001\013\005\000\060\153\061\013\060\011\006\003\125\004
\006\023\002\111\124\061\016\060\014\006\003\125\004\007\014\005
\115\151\154\141\156\061\043\060\041\006\003\125\004\012\014\032
\101\143\164\141\154\151\163\040\123\056\160\056\101\056\057\060
\063\063\065\070\065\062\060\071\066\067\061\047\060\045\006\003
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\125\004\003\014\036\101\143\164\141\154\151\163\040\101\165\164  
\150\145\156\164\151\143\141\164\151\157\156\040\122\157\157\164  
\040\103\101\060\036\027\015\061\061\060\071\062\062\061\061\062  
\062\060\062\132\027\015\063\060\060\071\062\062\061\061\062\062  
\060\062\132\060\153\061\013\060\011\006\003\125\004\006\023\002  
\111\124\061\016\060\014\006\003\125\004\007\014\005\115\151\154  
\141\156\061\043\060\041\006\003\125\004\012\014\032\101\143\164  
\141\154\151\163\040\123\056\160\056\101\056\057\060\063\063\065  
\070\065\062\060\071\066\067\061\047\060\045\006\003\125\004\003  
\014\036\101\143\164\141\154\151\163\040\101\165\164\150\145\156  
\164\151\143\141\164\151\157\156\040\122\157\157\164\040\103\101  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
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\000\247\306\304\245\051\244\054\357\345\030\305\260\120\243\157  
\121\073\237\012\132\311\302\110\070\012\302\034\240\030\177\221  
\265\207\271\100\077\335\035\150\037\010\203\325\055\036\210\240  
\370\217\126\217\155\231\002\222\220\026\325\137\010\154\211\327  
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\057\300\104\176\243\016\344\221\315\130\356\334\373\307\036\105  
\107\335\047\271\010\001\237\246\041\035\365\101\055\057\114\375  
\050\255\340\212\255\042\264\126\145\216\206\124\217\223\103\051  
\336\071\106\170\243\060\043\272\315\360\175\023\127\300\135\322  
\203\153\110\114\304\253\237\200\132\133\072\275\311\247\042\077  
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\272\013\040\224\336\173\203\270\377\343\126\215\267\021\351\073  
\214\362\261\301\135\235\244\013\114\053\331\262\030\365\265\237  
\113\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035  
\016\004\026\004\024\122\330\210\072\310\237\170\146\355\211\363  
\173\070\160\224\311\002\002\066\320\060\017\006\003\125\035\023

\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035  
\043\004\030\060\026\200\024\122\330\210\072\310\237\170\146\355  
\211\363\173\070\160\224\311\002\002\066\320\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\013  
\173\162\207\300\140\246\111\114\210\130\346\035\210\367\024\144  
\110\246\330\130\012\016\117\023\065\337\065\035\324\355\006\061  
\310\201\076\152\325\335\073\032\062\356\220\075\021\322\056\364  
\216\303\143\056\043\146\260\147\276\157\266\300\023\071\140\252  
\242\064\045\223\165\122\336\247\235\255\016\207\211\122\161\152  
\026\074\031\035\203\370\232\051\145\276\364\077\232\331\360\363  
\132\207\041\161\200\115\313\340\070\233\077\273\372\340\060\115  
\317\206\323\145\020\031\030\321\227\002\261\053\162\102\150\254  
\240\275\116\132\332\030\277\153\230\201\320\375\232\276\136\025  
\110\315\021\025\271\300\051\134\264\350\210\367\076\066\256\267  
\142\375\036\142\336\160\170\020\034\110\133\332\274\244\070\272  
\147\355\125\076\136\127\337\324\003\100\114\201\244\322\117\143  
\247\011\102\011\024\374\000\251\302\200\163\117\056\300\100\331  
\021\173\110\352\172\002\300\323\353\050\001\046\130\164\301\300  
\163\042\155\223\225\375\071\175\273\052\343\366\202\343\054\227  
\137\116\037\221\224\372\376\054\243\330\166\032\270\115\262\070  
\117\233\372\035\110\140\171\046\342\363\375\251\320\232\350\160  
\217\111\172\326\345\275\012\016\333\055\363\215\277\353\343\244  
\175\313\307\225\161\350\332\243\174\305\302\370\164\222\004\033  
\206\254\244\042\123\100\266\254\376\114\166\317\373\224\062\300  
\065\237\166\077\156\345\220\156\240\246\046\242\270\054\276\321  
\053\205\375\247\150\310\272\001\053\261\154\164\035\270\163\225  
\347\356\267\307\045\360\000\114\000\262\176\266\013\213\034\363  
\300\120\236\045\271\340\010\336\066\146\377\067\245\321\273\124  
\144\054\311\047\265\113\222\176\145\377\323\055\341\271\116\274  
\177\244\101\041\220\101\167\246\071\037\352\236\343\237\320\146  
\157\005\354\252\166\176\277\153\026\240\353\265\307\374\222\124  
\057\053\021\047\045\067\170\114\121\152\260\363\314\130\135\024  
\361\152\110\025\377\302\007\266\261\215\017\216\134\120\106\263  
\075\277\001\230\117\262\131\124\107\076\064\173\170\155\126\223  
\056\163\352\146\050\170\315\035\024\277\240\217\057\056\270\056  
\216\362\024\212\314\351\265\174\373\154\235\014\245\341\226

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Actalis Authentication Root CA"

# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT

# Serial Number:57:0a:11:97:42:c4:e3:cc

# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT

# Not Valid Before: Thu Sep 22 11:22:02 2011

# Not Valid After : Sun Sep 22 11:22:02 2030

```

# Fingerprint (SHA-256):
55:92:60:84:EC:96:3A:64:B9:6E:2A:BE:01:CE:0B:A8:6A:64:FB:FE:BC:C7:AA:B5:AF:C1:55:B3:7F:D7:60:66
# Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\363\163\263\207\006\132\050\204\212\362\363\112\316\031\053\335
\307\216\234\254
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\151\301\015\117\007\243\033\303\376\126\075\004\274\021\366\246
END
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\127\012\021\227\102\304\343\314
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Buypass Class 2 Root CA"
#
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040
# Fingerprint (SHA-256):
9A:11:40:25:19:7C:5B:B9:5D:94:E6:3D:55:CD:43:79:08:47:B6:46:B2:3C:DF:11:AD:A4:A0:0E:FF:15:FB:48
# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061  
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163  
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040  
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163  
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101  
END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061  
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163  
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040  
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163  
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060  
\036\027\015\061\060\061\060\062\066\060\070\063\070\060\063\132  
\027\015\064\060\061\060\062\066\060\070\063\070\060\063\132\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060  
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000  
\327\307\136\367\301\007\324\167\373\103\041\364\364\365\151\344  
\356\062\001\333\243\206\037\344\131\015\272\347\165\203\122\353  
\352\034\141\025\110\273\035\007\312\214\256\260\334\226\235\352  
\303\140\222\206\202\050\163\234\126\006\377\113\144\360\014\052  
\067\111\265\345\317\014\174\356\361\112\273\163\060\145\363\325  
\057\203\266\176\343\347\365\236\253\140\371\323\361\235\222\164  
\212\344\034\226\254\133\200\351\265\364\061\207\243\121\374\307  
\176\241\157\216\123\167\324\227\301\125\063\222\076\030\057\165  
\324\255\206\111\313\225\257\124\006\154\330\006\023\215\133\377  
\341\046\031\131\300\044\272\201\161\171\220\104\120\150\044\224  
\137\270\263\021\361\051\101\141\243\101\313\043\066\325\301\361  
\062\120\020\116\177\364\206\223\354\204\323\216\274\113\277\134

\001\116\007\075\334\024\212\224\012\244\352\163\373\013\121\350  
\023\007\030\372\016\361\053\321\124\025\175\074\341\367\264\031  
\102\147\142\136\167\340\242\125\354\266\331\151\027\325\072\257  
\104\355\112\305\236\344\172\047\174\345\165\327\252\313\045\347  
\337\153\012\333\017\115\223\116\250\240\315\173\056\362\131\001  
\152\267\015\270\007\201\176\213\070\033\070\346\012\127\231\075  
\356\041\350\243\365\014\026\335\213\354\064\216\234\052\034\000  
\025\027\215\150\203\322\160\237\030\010\315\021\150\325\311\153  
\122\315\304\106\217\334\265\363\330\127\163\036\351\224\071\004  
\277\323\336\070\336\264\123\354\151\034\242\176\304\217\344\033  
\160\255\362\242\371\373\367\026\144\146\151\237\111\121\242\342  
\025\030\147\006\112\177\325\154\265\115\263\063\340\141\353\135  
\276\351\230\017\062\327\035\113\074\056\132\001\122\221\011\362  
\337\352\215\330\006\100\143\252\021\344\376\303\067\236\024\122  
\077\364\342\314\362\141\223\321\375\147\153\327\122\256\277\150  
\253\100\103\240\127\065\123\170\360\123\370\141\102\007\144\306  
\327\157\233\114\070\015\143\254\142\257\066\213\242\163\012\015  
\365\041\275\164\252\115\352\162\003\111\333\307\137\035\142\143  
\307\375\335\221\354\063\356\365\155\264\156\060\150\336\310\326  
\046\260\165\136\173\264\007\040\230\241\166\062\270\115\154\117  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\311\200\167\340\142\222\202\365\106\234\363  
\272\367\114\303\336\270\243\255\071\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\123\137\041  
\365\272\260\072\122\071\054\222\260\154\000\311\357\316\040\357  
\006\362\226\236\351\244\164\177\172\026\374\267\365\266\373\025  
\033\077\253\246\300\162\135\020\261\161\356\274\117\343\255\254  
\003\155\056\161\056\257\304\343\255\243\275\014\021\247\264\377  
\112\262\173\020\020\037\247\127\101\262\300\256\364\054\131\326  
\107\020\210\363\041\121\051\060\312\140\206\257\106\253\035\355  
\072\133\260\224\336\104\343\101\010\242\301\354\035\326\375\117  
\266\326\107\320\024\013\312\346\312\265\173\167\176\101\037\136  
\203\307\266\214\071\226\260\077\226\201\101\157\140\220\342\350  
\371\373\042\161\331\175\263\075\106\277\264\204\257\220\034\017  
\217\022\152\257\357\356\036\172\256\002\112\212\027\053\166\376  
\254\124\211\044\054\117\077\266\262\247\116\214\250\221\227\373  
\051\306\173\134\055\271\313\146\266\267\250\133\022\121\205\265  
\011\176\142\170\160\376\251\152\140\266\035\016\171\014\375\312  
\352\044\200\162\303\227\077\362\167\253\103\042\012\307\353\266  
\014\204\202\054\200\153\101\212\010\300\353\245\153\337\231\022  
\313\212\325\136\200\014\221\340\046\010\066\110\305\372\070\021  
\065\377\045\203\055\362\172\277\332\375\216\376\245\313\105\054  
\037\304\210\123\256\167\016\331\232\166\305\216\054\035\243\272  
\325\354\062\256\300\252\254\367\321\172\115\353\324\007\342\110  
\367\042\216\260\244\237\152\316\216\262\262\140\364\243\042\320  
\043\353\224\132\172\151\335\017\277\100\127\254\153\131\120\331

```
\243\231\341\156\376\215\001\171\047\043\025\336\222\235\173\011
\115\132\347\113\110\060\132\030\346\012\155\346\217\340\322\273
\346\337\174\156\041\202\301\150\071\115\264\230\130\146\142\314
\112\220\136\303\372\047\004\261\171\025\164\231\314\276\255\040
\336\046\140\034\353\126\121\246\243\352\344\243\077\247\377\141
\334\361\132\115\154\062\043\103\356\254\250\356\356\112\022\011
\074\135\161\302\276\171\372\302\207\150\035\013\375\134\151\314
\006\320\232\175\124\231\052\311\071\032\031\257\113\052\103\363
\143\135\132\130\342\057\343\035\344\251\326\320\012\320\236\277
\327\201\011\361\311\307\046\015\254\230\026\126\240
```

END

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

```
# Trust for "Buypass Class 2 Root CA"
```

```
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
```

```
# Serial Number: 2 (0x2)
```

```
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
```

```
# Not Valid Before: Tue Oct 26 08:38:03 2010
```

```
# Not Valid After : Fri Oct 26 08:38:03 2040
```

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

```
9A:11:40:25:19:7C:5B:B9:5D:94:E6:3D:55:CD:43:79:08:47:B6:46:B2:3C:DF:11:AD:A4:A0:0E:FF:15:FB:48
```

```
# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\111\012\165\164\336\207\012\107\376\130\356\366\307\153\353\306
\013\022\100\231
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\106\247\322\376\105\373\144\132\250\131\220\233\170\104\233\051
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

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

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Buypass Class 3 Root CA"

#

# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

# Serial Number: 2 (0x2)

# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

# Not Valid Before: Tue Oct 26 08:28:58 2010

# Not Valid After : Fri Oct 26 08:28:58 2040

# Fingerprint (SHA-256):

ED:F7:EB:BC:A2:7A:2A:38:4D:38:7B:7D:40:10:C6:66:E2:ED:B4:84:3E:4C:29:B4:AE:1D:5B:93:32:E6:B2:4D

# Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Buypass Class 3 Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061  
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163  
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040  
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163  
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101  
END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061  
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163  
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040  
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163  
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060  
\036\027\015\061\060\061\060\062\066\060\070\062\070\065\070\132  
\027\015\064\060\061\060\062\066\060\070\062\070\065\070\132\060

\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060  
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000  
\245\332\012\225\026\120\343\225\362\136\235\166\061\006\062\172  
\233\361\020\166\270\000\232\265\122\066\315\044\107\260\237\030  
\144\274\232\366\372\325\171\330\220\142\114\042\057\336\070\075  
\326\340\250\351\034\054\333\170\021\351\216\150\121\025\162\307  
\363\063\207\344\240\135\013\134\340\127\007\052\060\365\315\304  
\067\167\050\115\030\221\346\277\325\122\375\161\055\160\076\347  
\306\304\212\343\360\050\013\364\166\230\241\213\207\125\262\072  
\023\374\267\076\047\067\216\042\343\250\117\052\357\140\273\075  
\267\071\303\016\001\107\231\135\022\117\333\103\372\127\241\355  
\371\235\276\021\107\046\133\023\230\253\135\026\212\260\067\034  
\127\235\105\377\210\226\066\277\273\312\007\173\157\207\143\327  
\320\062\152\326\135\154\014\361\263\156\071\342\153\061\056\071  
\000\047\024\336\070\300\354\031\146\206\022\350\235\162\026\023  
\144\122\307\251\067\034\375\202\060\355\204\030\035\364\256\134  
\377\160\023\000\353\261\365\063\172\113\326\125\370\005\215\113  
\151\260\365\263\050\066\134\024\304\121\163\115\153\013\361\064  
\007\333\027\071\327\334\050\173\153\365\237\363\056\301\117\027  
\052\020\363\314\312\350\353\375\153\253\056\232\237\055\202\156  
\004\324\122\001\223\055\075\206\374\176\374\337\357\102\035\246  
\153\357\271\040\306\367\275\240\247\225\375\247\346\211\044\330  
\314\214\064\154\342\043\057\331\022\032\041\271\125\221\157\013  
\221\171\031\014\255\100\210\013\160\342\172\322\016\330\150\110  
\273\202\023\071\020\130\351\330\052\007\306\022\333\130\333\322  
\073\125\020\107\005\025\147\142\176\030\143\246\106\077\011\016  
\124\062\136\277\015\142\172\047\357\200\350\333\331\113\006\132  
\067\132\045\320\010\022\167\324\157\011\120\227\075\310\035\303  
\337\214\105\060\126\306\323\144\253\146\363\300\136\226\234\303  
\304\357\303\174\153\213\072\171\177\263\111\317\075\342\211\237  
\240\060\113\205\271\234\224\044\171\217\175\153\251\105\150\017  
\053\320\361\332\034\313\151\270\312\111\142\155\310\320\143\142  
\335\140\017\130\252\217\241\274\005\245\146\242\317\033\166\262  
\204\144\261\114\071\122\300\060\272\360\214\113\002\260\266\267  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\107\270\315\377\345\157\356\370\262\354\057  
\116\016\371\045\260\216\074\153\303\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\000\040\043  
\101\065\004\220\302\100\142\140\357\342\065\114\327\077\254\342  
\064\220\270\241\157\166\372\026\026\244\110\067\054\351\220\302  
\362\074\370\012\237\330\201\345\273\133\332\045\054\244\247\125

\161\044\062\366\310\013\362\274\152\370\223\254\262\007\302\137  
\237\333\314\310\212\252\276\152\157\341\111\020\314\061\327\200  
\273\273\310\330\242\016\144\127\352\242\365\302\251\061\025\322  
\040\152\354\374\042\001\050\317\206\270\200\036\251\314\021\245  
\074\362\026\263\107\235\374\322\200\041\304\313\320\107\160\101  
\241\312\203\031\010\054\155\362\135\167\234\212\024\023\324\066  
\034\222\360\345\006\067\334\246\346\220\233\070\217\134\153\033  
\106\206\103\102\137\076\001\007\123\124\135\145\175\367\212\163  
\241\232\124\132\037\051\103\024\047\302\205\017\265\210\173\032  
\073\224\267\035\140\247\265\234\347\051\151\127\132\233\223\172  
\103\060\033\003\327\142\310\100\246\252\374\144\344\112\327\221  
\123\001\250\040\210\156\234\137\104\271\313\140\201\064\354\157  
\323\175\332\110\137\353\264\220\274\055\251\034\013\254\034\325  
\242\150\040\200\004\326\374\261\217\057\273\112\061\015\112\206  
\034\353\342\066\051\046\365\332\330\304\362\165\141\317\176\256  
\166\143\112\172\100\145\223\207\370\036\200\214\206\345\206\326  
\217\016\374\123\054\140\350\026\141\032\242\076\103\173\315\071  
\140\124\152\365\362\211\046\001\150\203\110\242\063\350\311\004  
\221\262\021\064\021\076\352\320\103\031\037\003\223\220\014\377  
\121\075\127\364\101\156\341\313\240\276\353\311\143\315\155\314  
\344\370\066\252\150\235\355\275\135\227\160\104\015\266\016\065  
\334\341\014\135\273\240\121\224\313\176\026\353\021\057\243\222  
\105\310\114\161\331\274\311\231\122\127\106\057\120\317\275\065  
\151\364\075\025\316\006\245\054\017\076\366\201\272\224\273\303  
\273\277\145\170\322\206\171\377\111\073\032\203\014\360\336\170  
\354\310\362\115\114\032\336\202\051\370\301\132\332\355\356\346  
\047\136\350\105\320\235\034\121\250\150\253\104\343\320\213\152  
\343\370\073\273\334\115\327\144\362\121\276\346\252\253\132\351  
\061\356\006\274\163\277\023\142\012\237\307\271\227

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Buypass Class 3 Root CA"

# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

# Serial Number: 2 (0x2)

# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

# Not Valid Before: Tue Oct 26 08:28:58 2010

# Not Valid After : Fri Oct 26 08:28:58 2040

# Fingerprint (SHA-256):

ED:F7:EB:BC:A2:7A:2A:38:4D:38:7B:7D:40:10:C6:66:E2:ED:B4:84:3E:4C:29:B4:AE:1D:5B:93:32:E6:B2:4D

# Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Buypass Class 3 Root CA"

```

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\332\372\367\372\146\204\354\006\217\024\120\275\307\302\201\245
\274\251\144\127
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\075\073\030\236\054\144\132\350\325\210\316\016\371\067\302\354
END
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "T-TeleSec GlobalRoot Class 3"
#
# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not Valid Before: Wed Oct 01 10:29:56 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (SHA-256):
FD:73:DA:D3:1C:64:4F:F1:B4:3B:EF:0C:CD:DA:96:71:0B:9C:D9:87:5E:CA:7E:31:70:7A:F3:E9:6D:52:2B:BD
# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045

```

\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060  
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164  
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123  
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035  
\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163  
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060  
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145  
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141  
\163\163\040\063\060\036\027\015\060\070\061\060\060\061\061\060  
\062\071\065\066\132\027\015\063\063\061\060\060\061\062\063\065  
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124  
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162  
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142  
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171  
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164  
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124  
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157  
\164\040\103\154\141\163\163\040\063\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\275\165\223\360\142\042  
\157\044\256\340\172\166\254\175\275\331\044\325\270\267\374\315  
\360\102\340\353\170\210\126\136\233\232\124\035\115\014\212\366  
\323\317\160\364\122\265\330\223\004\343\106\206\161\101\112\053  
\360\052\054\125\003\326\110\303\340\071\070\355\362\134\074\077  
\104\274\223\075\141\253\116\315\015\276\360\040\047\130\016\104

\177\004\032\207\245\327\226\024\066\220\320\111\173\241\165\373  
\032\153\163\261\370\316\251\011\054\362\123\325\303\024\104\270  
\206\245\366\213\053\071\332\243\063\124\331\372\162\032\367\042  
\025\034\210\221\153\177\146\345\303\152\200\260\044\363\337\206  
\105\210\375\031\177\165\207\037\037\261\033\012\163\044\133\271  
\145\340\054\124\310\140\323\146\027\077\341\314\124\063\163\221  
\002\072\246\177\173\166\071\242\037\226\266\070\256\265\310\223  
\164\035\236\271\264\345\140\235\057\126\321\340\353\136\133\114  
\022\160\014\154\104\040\253\021\330\364\031\366\322\234\122\067  
\347\372\266\302\061\073\112\324\024\231\255\307\032\365\135\137  
\372\007\270\174\015\037\326\203\036\263\002\003\001\000\001\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\265  
\003\367\166\073\141\202\152\022\252\030\123\353\003\041\224\277  
\376\316\312\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\126\075\357\224\325\275\332\163\262  
\130\276\256\220\255\230\047\227\376\001\261\260\122\000\270\115  
\344\033\041\164\033\176\300\356\136\151\052\045\257\134\326\035  
\332\322\171\311\363\227\051\340\206\207\336\004\131\017\361\131  
\324\144\205\113\231\257\045\004\036\311\106\251\227\336\202\262  
\033\160\237\234\366\257\161\061\335\173\005\245\054\323\271\312  
\107\366\312\362\366\347\255\271\110\077\274\026\267\301\155\364  
\352\011\257\354\363\265\347\005\236\246\036\212\123\121\326\223  
\201\314\164\223\366\271\332\246\045\005\164\171\132\176\100\076  
\202\113\046\021\060\156\341\077\101\307\107\000\065\325\365\323  
\367\124\076\201\075\332\111\152\232\263\357\020\075\346\353\157  
\321\310\042\107\313\314\317\001\061\222\331\030\343\042\276\011  
\036\032\076\132\262\344\153\014\124\172\175\103\116\270\211\245  
\173\327\242\075\226\206\314\362\046\064\055\152\222\235\232\032  
\320\060\342\135\116\004\260\137\213\040\176\167\301\075\225\202  
\321\106\232\073\074\170\270\157\241\320\015\144\242\170\036\051  
\116\223\303\244\124\024\133

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "T-TeleSec GlobalRoot Class 3"

# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

# Serial Number: 1 (0x1)

# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

# Not Valid Before: Wed Oct 01 10:29:56 2008

# Not Valid After : Sat Oct 01 23:59:59 2033

# Fingerprint (SHA-256):

FD:73:DA:D3:1C:64:4F:F1:B4:3B:EF:0C:CD:DA:96:71:0B:9C:D9:87:5E:CA:7E:31:70:7A:F3:E9:6D:52:2B:BD

```

# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\125\246\162\076\313\362\354\315\303\043\164\160\031\235\052\276
\021\343\201\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\373\100\250\116\071\222\212\035\376\216\057\304\047\352\357
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root Class 3 CA 2 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623603 (0x983f3)
# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:35:58 2009
# Not Valid After : Mon Nov 05 08:35:58 2029
# Fingerprint (SHA-256):
49:E7:A4:42:AC:F0:EA:62:87:05:00:54:B5:25:64:B6:50:E4:F4:9E:42:E3:48:D6:AA:38:E0:39:E9:57:B1:C1
# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014  
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014  
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\003\011\203\363

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\063\060\202\003\033\240\003\002\001\002\002\003\011  
\203\363\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165  
\163\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003  
\014\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103  
\154\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071  
\060\036\027\015\060\071\061\061\060\065\060\070\063\065\065\070  
\132\027\015\062\071\061\061\060\065\060\070\063\065\065\070\132  
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014  
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071\060  
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000  
\323\262\112\317\172\107\357\165\233\043\372\072\057\326\120\105  
\211\065\072\306\153\333\376\333\000\150\250\340\003\021\035\067  
\120\010\237\115\112\150\224\065\263\123\321\224\143\247\040\126  
\257\336\121\170\354\052\075\363\110\110\120\076\012\337\106\125  
\213\047\155\303\020\115\015\221\122\103\330\207\340\135\116\066  
\265\041\312\137\071\100\004\137\133\176\314\243\306\053\251\100  
\036\331\066\204\326\110\363\222\036\064\106\040\044\301\244\121  
\216\112\032\357\120\077\151\135\031\177\105\303\307\001\217\121  
\311\043\350\162\256\264\274\126\011\177\022\313\034\261\257\051  
\220\012\311\125\314\017\323\264\032\355\107\065\132\112\355\234  
\163\004\041\320\252\275\014\023\265\000\312\046\154\304\153\014  
\224\132\225\224\332\120\232\361\377\245\053\146\061\244\311\070

\240\337\035\037\270\011\056\363\247\350\147\122\253\225\037\340  
\106\076\330\244\303\312\132\305\061\200\350\110\232\237\224\151  
\376\031\335\330\163\174\201\312\226\336\216\355\263\062\005\145  
\204\064\346\346\375\127\020\265\137\166\277\057\260\020\015\305  
\002\003\001\000\001\243\202\001\032\060\202\001\026\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035  
\006\003\125\035\016\004\026\004\024\375\332\024\304\237\060\336  
\041\275\036\102\071\374\253\143\043\111\340\361\204\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\323  
\006\003\125\035\037\004\201\313\060\201\310\060\201\200\240\176  
\240\174\206\172\154\144\141\160\072\057\057\144\151\162\145\143  
\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164  
\057\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157  
\157\164\045\062\060\103\154\141\163\163\045\062\060\063\045\062  
\060\103\101\045\062\060\062\045\062\060\062\060\060\071\054\117  
\075\104\055\124\162\165\163\164\045\062\060\107\155\142\110\054  
\103\075\104\105\077\143\145\162\164\151\146\151\143\141\164\145  
\162\145\166\157\143\141\164\151\157\156\154\151\163\164\060\103  
\240\101\240\077\206\075\150\164\164\160\072\057\057\167\167\167  
\056\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154  
\057\144\055\164\162\165\163\164\137\162\157\157\164\137\143\154  
\141\163\163\137\063\137\143\141\137\062\137\062\060\060\071\056  
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\177\227\333\060\310\337\244\234\175  
\041\172\200\160\316\024\022\151\210\024\225\140\104\001\254\262  
\351\060\117\233\120\302\146\330\176\215\060\265\160\061\351\342  
\151\307\363\160\333\040\025\206\320\015\360\276\254\001\165\204  
\316\176\237\115\277\267\140\073\234\363\312\035\342\136\150\330  
\243\235\227\345\100\140\322\066\041\376\320\264\270\027\332\164  
\243\177\324\337\260\230\002\254\157\153\153\054\045\044\162\241  
\145\356\045\132\345\346\062\347\362\337\253\111\372\363\220\151  
\043\333\004\331\347\134\130\374\145\324\227\276\314\374\056\012  
\314\045\052\065\004\370\140\221\025\165\075\101\377\043\037\031  
\310\154\353\202\123\004\246\344\114\042\115\215\214\272\316\133  
\163\354\144\124\120\155\321\234\125\373\151\303\066\303\214\274  
\074\205\246\153\012\046\015\340\223\230\140\256\176\306\044\227  
\212\141\137\221\216\146\222\011\207\066\315\213\233\055\076\366  
\121\324\120\324\131\050\275\203\362\314\050\173\123\206\155\330  
\046\210\160\327\352\221\315\076\271\312\300\220\156\132\306\136  
\164\145\327\134\376\243\342

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 2009"  
# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE  
# Serial Number: 623603 (0x983f3)

```

# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:35:58 2009
# Not Valid After : Mon Nov 05 08:35:58 2029
# Fingerprint (SHA-256):
49:E7:A4:42:AC:F0:EA:62:87:05:00:54:B5:25:64:B6:50:E4:F4:9E:42:E3:48:D6:AA:38:E0:39:E9:57:B1:C1
# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\350\253\260\066\025\063\373\200\367\233\033\155\051\323\377
\215\137\000\360
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\340\045\151\215\107\254\234\211\065\220\367\375\121\075\057
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root Class 3 CA 2 EV 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029
# Fingerprint (SHA-256):
EE:C5:49:6B:98:8C:E9:86:25:B9:34:09:2E:EC:29:08:BE:D0:B0:F3:16:C2:D4:73:0C:84:EA:F1:F3:D3:48:81
# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

```
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\103\060\202\003\053\240\003\002\001\002\002\003\011
\203\364\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003
\014\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103
\154\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062
\060\060\071\060\036\027\015\060\071\061\061\060\065\060\070\065
\060\064\066\132\027\015\062\071\061\061\060\065\060\070\065\060
\064\066\132\060\120\061\013\060\011\006\003\125\004\006\023\002
\104\105\061\025\060\023\006\003\125\004\012\014\014\104\055\124
\162\165\163\164\040\107\155\142\110\061\052\060\050\006\003\125
\004\003\014\041\104\055\124\122\125\123\124\040\122\157\157\164
\040\103\154\141\163\163\040\063\040\103\101\040\062\040\105\126
\040\062\060\060\071\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\231\361\204\064\160\272\057\267\060\240
\216\275\174\004\317\276\142\274\231\375\202\227\322\172\012\147
\226\070\011\366\020\116\225\042\163\231\215\332\025\055\347\005
\374\031\163\042\267\216\230\000\274\074\075\254\241\154\373\326
\171\045\113\255\360\314\144\332\210\076\051\270\017\011\323\064
\335\063\365\142\321\341\315\031\351\356\030\117\114\130\256\342
\036\326\014\133\025\132\330\072\270\304\030\144\036\343\063\262
\265\211\167\116\014\277\331\224\153\023\227\157\022\243\376\231
\251\004\314\025\354\140\150\066\355\010\173\267\365\277\223\355
```

\146\061\203\214\306\161\064\207\116\027\352\257\213\221\215\034  
\126\101\256\042\067\136\067\362\035\331\321\055\015\057\151\121  
\247\276\146\246\212\072\052\275\307\032\261\341\024\360\276\072  
\035\271\317\133\261\152\376\264\261\106\040\242\373\036\073\160  
\357\223\230\175\214\163\226\362\305\357\205\160\255\051\046\374  
\036\004\076\034\240\330\017\313\122\203\142\174\356\213\123\225  
\220\251\127\242\352\141\005\330\371\115\304\047\372\156\255\355  
\371\327\121\367\153\245\002\003\001\000\001\243\202\001\044\060  
\202\001\040\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\323  
\224\212\114\142\023\052\031\056\314\257\162\212\175\066\327\232  
\034\334\147\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\201\335\006\003\125\035\037\004\201\325\060\201  
\322\060\201\207\240\201\204\240\201\201\206\177\154\144\141\160  
\072\057\057\144\151\162\145\143\164\157\162\171\056\144\055\164  
\162\165\163\164\056\156\145\164\057\103\116\075\104\055\124\122  
\125\123\124\045\062\060\122\157\157\164\045\062\060\103\154\141  
\163\163\045\062\060\063\045\062\060\103\101\045\062\060\062\045  
\062\060\105\126\045\062\060\062\060\060\071\054\117\075\104\055  
\124\162\165\163\164\045\062\060\107\155\142\110\054\103\075\104  
\105\077\143\145\162\164\151\146\151\143\141\164\145\162\145\166  
\157\143\141\164\151\157\156\154\151\163\164\060\106\240\104\240  
\102\206\100\150\164\164\160\072\057\057\167\167\167\056\144\055  
\164\162\165\163\164\056\156\145\164\057\143\162\154\057\144\055  
\164\162\165\163\164\137\162\157\157\164\137\143\154\141\163\163  
\137\063\137\143\141\137\062\137\145\166\137\062\060\060\071\056  
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\064\355\173\132\074\244\224\210\357  
\032\021\165\007\057\263\376\074\372\036\121\046\353\207\366\051  
\336\340\361\324\306\044\011\351\301\317\125\033\264\060\331\316  
\032\376\006\121\246\025\244\055\357\262\113\277\040\050\045\111  
\321\246\066\167\064\350\144\337\122\261\021\307\163\172\315\071  
\236\302\255\214\161\041\362\132\153\257\337\074\116\125\257\262  
\204\145\024\211\271\167\313\052\061\276\317\243\155\317\157\110  
\224\062\106\157\347\161\214\240\246\204\031\067\007\362\003\105  
\011\053\206\165\174\337\137\151\127\000\333\156\330\246\162\042  
\113\120\324\165\230\126\337\267\030\377\103\103\120\256\172\104  
\173\360\171\121\327\103\075\247\323\201\323\360\311\117\271\332  
\306\227\206\320\202\303\344\102\155\376\260\342\144\116\016\046  
\347\100\064\046\265\010\211\327\010\143\143\070\047\165\036\063  
\352\156\250\335\237\231\117\164\115\201\211\200\113\335\232\227  
\051\134\057\276\201\101\271\214\377\352\175\140\006\236\315\327  
\075\323\056\243\025\274\250\346\046\345\157\303\334\270\003\041  
\352\237\026\361\054\124\265

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "D-TRUST Root Class 3 CA 2 EV 2009"
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029
# Fingerprint (SHA-256):
EE:C5:49:6B:98:8C:E9:86:25:B9:34:09:2E:EC:29:08:BE:D0:B0:F3:16:C2:D4:73:0C:84:EA:F1:F3:D3:48:81
# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\226\311\033\013\225\264\020\230\102\372\320\330\042\171\376\140
\372\271\026\203
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\306\103\054\136\055\315\304\064\300\120\117\021\002\117\266
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "CA Disig Root R2"
#
# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number:00:92:b8:88:db:b0:8a:c1:63
# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Not Valid Before: Thu Jul 19 09:15:30 2012
# Not Valid After : Sat Jul 19 09:15:30 2042
# Fingerprint (SHA-256):
E2:3D:4A:03:6D:7B:70:E9:F5:95:B1:42:20:79:D2:B9:1E:DF:BB:1F:B6:51:A0:63:3E:AA:8A:9D:C5:F8:07:03

```

# Fingerprint (SHA1): B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA Disig Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\222\270\210\333\260\212\301\143
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\151\060\202\003\121\240\003\002\001\002\002\011\000
\222\270\210\333\260\212\301\143\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\122\061\013\060\011\006\003\125
\004\006\023\002\123\113\061\023\060\021\006\003\125\004\007\023
\012\102\162\141\164\151\163\154\141\166\141\061\023\060\021\006
\003\125\004\012\023\012\104\151\163\151\147\040\141\056\163\056
\061\031\060\027\006\003\125\004\003\023\020\103\101\040\104\151
\163\151\147\040\122\157\157\164\040\122\062\060\036\027\015\061
\062\060\067\061\071\060\071\061\065\063\060\132\027\015\064\062
\060\067\061\071\060\071\061\065\063\060\132\060\122\061\013\060
\011\006\003\125\004\006\023\002\123\113\061\023\060\021\006\003
\125\004\007\023\012\102\162\141\164\151\163\154\141\166\141\061
\023\060\021\006\003\125\004\012\023\012\104\151\163\151\147\040
\141\056\163\056\061\031\060\027\006\003\125\004\003\023\020\103
\101\040\104\151\163\151\147\040\122\157\157\164\040\122\062\060
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000
\242\243\304\000\011\326\205\135\055\155\024\366\302\303\163\236
\065\302\161\125\176\201\373\253\106\120\340\301\174\111\170\346
\253\171\130\074\332\377\174\034\237\330\227\002\170\076\153\101
```

\004\351\101\275\276\003\054\105\366\057\144\324\253\135\243\107  
\075\144\233\351\150\232\306\314\033\077\272\276\262\213\064\002  
\056\230\125\031\374\214\157\252\137\332\114\316\115\003\041\243  
\330\322\064\223\126\226\313\114\014\000\026\074\137\032\315\310  
\307\154\246\255\323\061\247\274\350\345\341\146\326\322\373\003  
\264\101\145\311\020\256\016\005\143\306\200\152\151\060\375\322  
\356\220\357\015\047\337\237\225\163\364\341\045\332\154\026\336  
\101\070\064\352\213\374\321\350\004\024\141\055\101\176\254\307  
\167\116\313\121\124\373\136\222\030\033\004\132\150\306\311\304  
\372\267\023\240\230\267\021\053\267\326\127\314\174\236\027\321  
\313\045\376\206\116\044\056\126\014\170\115\236\001\022\246\053  
\247\001\145\156\174\142\035\204\204\337\352\300\153\265\245\052  
\225\203\303\123\021\014\163\035\013\262\106\220\321\102\072\316  
\100\156\225\255\377\306\224\255\156\227\204\216\175\157\236\212  
\200\015\111\155\163\342\173\222\036\303\363\301\363\353\056\005  
\157\331\033\317\067\166\004\310\264\132\344\027\247\313\335\166  
\037\320\031\166\350\054\005\263\326\234\064\330\226\334\141\207  
\221\005\344\104\010\063\301\332\271\010\145\324\256\262\066\015  
\353\272\070\272\014\345\233\236\353\215\146\335\231\317\326\211  
\101\366\004\222\212\051\051\155\153\072\034\347\165\175\002\161  
\016\363\300\347\275\313\031\335\235\140\262\302\146\140\266\261  
\004\356\311\346\206\271\232\146\100\250\347\021\355\201\105\003  
\213\366\147\131\350\301\006\021\275\335\317\200\002\117\145\100  
\170\134\107\120\310\233\346\037\201\173\344\104\250\133\205\232  
\342\336\132\325\307\371\072\104\146\113\344\062\124\174\344\154  
\234\263\016\075\027\242\262\064\022\326\176\262\250\111\273\321  
\172\050\100\276\242\026\037\337\344\067\037\021\163\373\220\012  
\145\103\242\015\174\370\006\001\125\063\175\260\015\270\364\365  
\256\245\102\127\174\066\021\214\173\136\304\003\235\214\171\235  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125\035  
\016\004\026\004\024\265\231\370\257\260\224\365\343\040\326\012  
\255\316\116\126\244\056\156\102\355\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\046\006\136  
\160\347\145\063\310\202\156\331\234\027\072\033\172\146\262\001  
\366\170\073\151\136\057\352\377\116\371\050\303\230\052\141\114  
\264\044\022\212\175\155\021\024\367\234\265\312\346\274\236\047  
\216\114\031\310\251\275\172\300\327\066\016\155\205\162\156\250  
\306\242\155\366\372\163\143\177\274\156\171\010\034\235\212\237  
\032\212\123\246\330\273\331\065\125\261\021\305\251\003\263\126  
\073\271\204\223\042\136\176\301\366\022\122\213\352\054\147\274  
\376\066\114\365\270\317\321\263\111\222\073\323\051\016\231\033  
\226\367\141\270\073\304\053\266\170\154\264\043\157\360\375\323  
\262\136\165\037\231\225\250\254\366\332\341\305\061\173\373\321  
\106\263\322\274\147\264\142\124\272\011\367\143\260\223\242\232  
\371\351\122\056\213\140\022\253\374\365\140\126\357\020\134\213  
\304\032\102\334\203\133\144\016\313\265\274\326\117\301\174\074

```
\156\215\023\155\373\173\353\060\320\334\115\257\305\325\266\245
\114\133\161\311\350\061\276\350\070\006\110\241\032\342\352\322
\336\022\071\130\032\377\200\016\202\165\346\267\311\007\154\016
\357\377\070\361\230\161\304\267\177\016\025\320\045\151\275\042
\235\053\355\005\366\106\107\254\355\300\360\324\073\342\354\356
\226\133\220\023\116\036\126\072\353\260\357\226\273\226\043\021
\272\362\103\206\164\144\225\310\050\165\337\035\065\272\322\067
\203\070\123\070\066\073\317\154\351\371\153\016\320\373\004\350
\117\167\327\145\001\170\206\014\172\076\041\142\361\177\143\161
\014\311\237\104\333\250\047\242\165\276\156\201\076\327\300\353
\033\230\017\160\134\064\262\212\314\300\205\030\353\156\172\263
\367\132\241\007\277\251\102\222\363\140\042\227\344\024\241\007
\233\116\166\300\216\175\375\244\045\307\107\355\377\037\163\254
\314\303\245\351\157\012\216\233\145\302\120\205\265\243\240\123
\022\314\125\207\141\363\201\256\020\106\141\275\104\041\270\302
\075\164\317\176\044\065\372\034\007\016\233\075\042\312\357\061
\057\214\254\022\275\357\100\050\374\051\147\237\262\023\117\146
\044\304\123\031\351\036\051\025\357\346\155\260\177\055\147\375
\363\154\033\165\106\243\345\112\027\351\244\327\013
```

END

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

# Trust for "CA Disig Root R2"

# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK

# Serial Number:00:92:b8:88:db:b0:8a:c1:63

# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK

# Not Valid Before: Thu Jul 19 09:15:30 2012

# Not Valid After : Sat Jul 19 09:15:30 2042

# Fingerprint (SHA-256):

E2:3D:4A:03:6D:7B:70:E9:F5:95:B1:42:20:79:D2:B9:1E:DF:BB:1F:B6:51:A0:63:3E:AA:8A:9D:C5:F8:07:03

# Fingerprint (SHA1): B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CA Disig Root R2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\265\141\353\352\244\336\344\045\113\151\032\230\245\127\107\302
\064\307\331\161
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\046\001\373\330\047\247\027\232\105\124\070\032\103\001\073\003
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
```

```
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\011\000\222\270\210\333\260\212\301\143
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "ACCVRAIZ1"

#

# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Serial Number:5e:c3:b7:a6:43:7f:a4:e0

# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Not Valid Before: Thu May 05 09:37:37 2011

# Not Valid After : Tue Dec 31 09:37:37 2030

# Fingerprint (SHA-256):

```
9A:6E:C0:12:E1:A7:DA:9D:BE:34:19:4D:47:8A:D7:C0:DB:18:22:FB:07:1D:F1:29:81:49:6E:D1:04:38:41:13
```

# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ACCVRAIZ1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\010\136\303\267\246\103\177\244\340
```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\007\323\060\202\005\273\240\003\002\001\002\002\010\136  
\303\267\246\103\177\244\340\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\102\061\022\060\020\006\003\125\004  
\003\014\011\101\103\103\126\122\101\111\132\061\061\020\060\016  
\006\003\125\004\013\014\007\120\113\111\101\103\103\126\061\015  
\060\013\006\003\125\004\012\014\004\101\103\103\126\061\013\060  
\011\006\003\125\004\006\023\002\105\123\060\036\027\015\061\061  
\060\065\060\065\060\071\063\067\063\067\132\027\015\063\060\061  
\062\063\061\060\071\063\067\063\067\132\060\102\061\022\060\020  
\006\003\125\004\003\014\011\101\103\103\126\122\101\111\132\061  
\061\020\060\016\006\003\125\004\013\014\007\120\113\111\101\103  
\103\126\061\015\060\013\006\003\125\004\012\014\004\101\103\103  
\126\061\013\060\011\006\003\125\004\006\023\002\105\123\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\233  
\251\253\277\141\112\227\257\057\227\146\232\164\137\320\331\226  
\375\317\342\344\146\357\037\037\107\063\302\104\243\337\232\336  
\037\265\124\335\025\174\151\065\021\157\273\310\014\216\152\030  
\036\330\217\331\026\274\020\110\066\134\360\143\263\220\132\134  
\044\067\327\243\326\313\011\161\271\361\001\162\204\260\175\333  
\115\200\315\374\323\157\311\370\332\266\016\202\322\105\205\250  
\033\150\250\075\350\364\104\154\275\241\302\313\003\276\214\076  
\023\000\204\337\112\110\300\343\042\012\350\351\067\247\030\114  
\261\011\015\043\126\177\004\115\331\027\204\030\245\310\332\100  
\224\163\353\316\016\127\074\003\201\072\235\012\241\127\103\151  
\254\127\155\171\220\170\345\265\264\073\330\274\114\215\050\241  
\247\243\247\272\002\116\045\321\052\256\355\256\003\042\270\153  
\040\017\060\050\124\225\177\340\356\316\012\146\235\321\100\055  
\156\042\257\235\032\301\005\031\322\157\300\362\237\370\173\263  
\002\102\373\120\251\035\055\223\017\043\253\306\301\017\222\377  
\320\242\025\365\123\011\161\034\377\105\023\204\346\046\136\370  
\340\210\034\012\374\026\266\250\163\006\270\360\143\204\002\240  
\306\132\354\347\164\337\160\256\243\203\045\352\326\307\227\207  
\223\247\306\212\212\063\227\140\067\020\076\227\076\156\051\025  
\326\241\017\321\210\054\022\237\157\252\244\306\102\353\101\242  
\343\225\103\323\001\205\155\216\273\073\363\043\066\307\376\073  
\340\241\045\007\110\253\311\211\164\377\010\217\200\277\300\226  
\145\363\356\354\113\150\275\235\210\303\061\263\100\361\350\317  
\366\070\273\234\344\321\177\324\345\130\233\174\372\324\363\016  
\233\165\221\344\272\122\056\031\176\321\365\315\132\031\374\272  
\006\366\373\122\250\113\231\004\335\370\371\264\213\120\243\116  
\142\211\360\207\044\372\203\102\301\207\372\325\055\051\052\132  
\161\172\144\152\327\047\140\143\015\333\316\111\365\215\037\220  
\211\062\027\370\163\103\270\322\132\223\206\141\326\341\165\012  
\352\171\146\166\210\117\161\353\004\045\326\012\132\172\223\345  
\271\113\027\100\017\261\266\271\365\336\117\334\340\263\254\073  
\021\160\140\204\112\103\156\231\040\300\051\161\012\300\145\002

\003\001\000\001\243\202\002\313\060\202\002\307\060\175\006\010  
\053\006\001\005\005\007\001\001\004\161\060\157\060\114\006\010  
\053\006\001\005\005\007\060\002\206\100\150\164\164\160\072\057  
\057\167\167\167\056\141\143\143\166\056\145\163\057\146\151\154  
\145\141\144\155\151\156\057\101\162\143\150\151\166\157\163\057  
\143\145\162\164\151\146\151\143\141\144\157\163\057\162\141\151  
\172\141\143\143\166\061\056\143\162\164\060\037\006\010\053\006  
\001\005\005\007\060\001\206\023\150\164\164\160\072\057\057\157  
\143\163\160\056\141\143\143\166\056\145\163\060\035\006\003\125  
\035\016\004\026\004\024\322\207\264\343\337\067\047\223\125\366  
\126\352\201\345\066\314\214\036\077\275\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125  
\035\043\004\030\060\026\200\024\322\207\264\343\337\067\047\223  
\125\366\126\352\201\345\066\314\214\036\077\275\060\202\001\163  
\006\003\125\035\040\004\202\001\152\060\202\001\146\060\202\001  
\142\006\004\125\035\040\000\060\202\001\130\060\202\001\042\006  
\010\053\006\001\005\005\007\002\002\060\202\001\024\036\202\001  
\020\000\101\000\165\000\164\000\157\000\162\000\151\000\144\000  
\141\000\144\000\040\000\144\000\145\000\040\000\103\000\145\000  
\162\000\164\000\151\000\146\000\151\000\143\000\141\000\143\000  
\151\000\363\000\156\000\040\000\122\000\141\000\355\000\172\000  
\040\000\144\000\145\000\040\000\154\000\141\000\040\000\101\000  
\103\000\103\000\126\000\040\000\050\000\101\000\147\000\145\000  
\156\000\143\000\151\000\141\000\040\000\144\000\145\000\040\000  
\124\000\145\000\143\000\156\000\157\000\154\000\157\000\147\000  
\355\000\141\000\040\000\171\000\040\000\103\000\145\000\162\000  
\164\000\151\000\146\000\151\000\143\000\141\000\143\000\151\000  
\363\000\156\000\040\000\105\000\154\000\145\000\143\000\164\000  
\162\000\363\000\156\000\151\000\143\000\141\000\054\000\040\000  
\103\000\111\000\106\000\040\000\121\000\064\000\066\000\060\000  
\061\000\061\000\065\000\066\000\105\000\051\000\056\000\040\000  
\103\000\120\000\123\000\040\000\145\000\156\000\040\000\150\000  
\164\000\164\000\160\000\072\000\057\000\057\000\167\000\167\000  
\167\000\056\000\141\000\143\000\143\000\166\000\056\000\145\000  
\163\060\060\006\010\053\006\001\005\005\007\002\001\026\044\150  
\164\164\160\072\057\057\167\167\167\056\141\143\143\166\056\145  
\163\057\154\145\147\151\163\154\141\143\151\157\156\137\143\056  
\150\164\155\060\125\006\003\125\035\037\004\116\060\114\060\112  
\240\110\240\106\206\104\150\164\164\160\072\057\057\167\167\167  
\056\141\143\143\166\056\145\163\057\146\151\154\145\141\144\155  
\151\156\057\101\162\143\150\151\166\157\163\057\143\145\162\164  
\151\146\151\143\141\144\157\163\057\162\141\151\172\141\143\143  
\166\061\137\144\145\162\056\143\162\154\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\027\006\003\125\035  
\021\004\020\060\016\201\014\141\143\143\166\100\141\143\143\166  
\056\145\163\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\003\202\002\001\000\227\061\002\237\347\375\103\147\110  
\104\024\344\051\207\355\114\050\146\320\217\065\332\115\141\267

\112\227\115\265\333\220\340\005\056\016\306\171\320\362\227\151  
\017\275\004\107\331\276\333\265\051\332\233\331\256\251\231\325  
\323\074\060\223\365\215\241\250\374\006\215\104\364\312\026\225  
\174\063\334\142\213\250\067\370\047\330\011\055\033\357\310\024  
\047\040\251\144\104\377\056\326\165\252\154\115\140\100\031\111  
\103\124\143\332\342\314\272\146\345\117\104\172\133\331\152\201  
\053\100\325\177\371\001\047\130\054\310\355\110\221\174\077\246  
\000\317\304\051\163\021\066\336\206\031\076\235\356\031\212\033  
\325\260\355\216\075\234\052\300\015\330\075\146\343\074\015\275  
\325\224\134\342\342\247\065\033\004\000\366\077\132\215\352\103  
\275\137\211\035\251\301\260\314\231\342\115\000\012\332\311\047  
\133\347\023\220\134\344\365\063\242\125\155\334\340\011\115\057  
\261\046\133\047\165\000\011\304\142\167\051\010\137\236\131\254  
\266\176\255\237\124\060\042\003\301\036\161\144\376\371\070\012  
\226\030\335\002\024\254\043\313\006\034\036\244\175\215\015\336  
\047\101\350\255\332\025\267\260\043\335\053\250\323\332\045\207  
\355\350\125\104\115\210\364\066\176\204\232\170\254\367\016\126  
\111\016\326\063\045\326\204\120\102\154\040\022\035\052\325\276  
\274\362\160\201\244\160\140\276\005\265\233\236\004\104\276\141  
\043\254\351\245\044\214\021\200\224\132\242\242\271\111\322\301  
\334\321\247\355\061\021\054\236\031\246\356\341\125\341\300\352  
\317\015\204\344\027\267\242\174\245\336\125\045\006\356\314\300  
\207\134\100\332\314\225\077\125\340\065\307\270\204\276\264\135  
\315\172\203\001\162\356\207\346\137\035\256\265\205\306\046\337  
\346\301\232\351\036\002\107\237\052\250\155\251\133\317\354\105  
\167\177\230\047\232\062\135\052\343\204\356\305\230\146\057\226  
\040\035\335\330\303\047\327\260\371\376\331\175\315\320\237\217  
\013\024\130\121\237\057\213\303\070\055\336\350\217\326\215\207  
\244\365\126\103\026\231\054\364\244\126\264\064\270\141\067\311  
\302\130\200\033\240\227\241\374\131\215\351\021\366\321\017\113  
\125\064\106\052\213\206\073

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "ACCVRAIZ1"

# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Serial Number:5e:c3:b7:a6:43:7f:a4:e0

# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Not Valid Before: Thu May 05 09:37:37 2011

# Not Valid After : Tue Dec 31 09:37:37 2030

# Fingerprint (SHA-256):

9A:6E:C0:12:E1:A7:DA:9D:BE:34:19:4D:47:8A:D7:C0:DB:18:22:FB:07:1D:F1:29:81:49:6E:D1:04:38:41:13

# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACCVRAIZ1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\223\005\172\210\025\306\117\316\210\057\372\221\026\122\050\170
\274\123\144\027
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\320\240\132\356\005\266\011\224\041\241\175\361\262\051\202\002
END
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\136\303\267\246\103\177\244\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TWCA Global Root CA"
#
# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 3262 (0xcbe)
# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid Before: Wed Jun 27 06:28:33 2012
# Not Valid After : Tue Dec 31 15:59:59 2030
# Fingerprint (SHA-256):
59:76:90:07:F7:68:5D:0F:CD:50:87:2F:9F:95:D5:75:5A:5B:2B:45:7D:81:F3:69:2B:61:0A:98:67:2F:0E:1B
# Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Global Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101

```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023  
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164  
\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\014\276

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\101\060\202\003\051\240\003\002\001\002\002\002\014  
\276\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023  
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164  
\040\103\101\060\036\027\015\061\062\060\066\062\067\060\066\062  
\070\063\063\132\027\015\063\060\061\062\063\061\061\065\065\071  
\065\071\132\060\121\061\013\060\011\006\003\125\004\006\023\002  
\124\127\061\022\060\020\006\003\125\004\012\023\011\124\101\111  
\127\101\116\055\103\101\061\020\060\016\006\003\125\004\013\023  
\007\122\157\157\164\040\103\101\061\034\060\032\006\003\125\004  
\003\023\023\124\127\103\101\040\107\154\157\142\141\154\040\122  
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\260\005\333\310\353\214\304\156\212  
\041\357\216\115\234\161\012\037\122\160\355\155\202\234\227\305  
\327\114\116\105\111\313\100\102\265\022\064\154\031\302\164\244  
\061\137\205\002\227\354\103\063\012\123\322\234\214\216\267\270  
\171\333\053\325\152\362\216\146\304\356\053\001\007\222\324\263  
\320\002\337\120\366\125\257\146\016\313\340\107\140\057\053\062  
\071\065\122\072\050\203\370\173\026\306\030\270\142\326\107\045  
\221\316\360\031\022\115\255\143\365\323\077\165\137\051\360\241  
\060\034\052\240\230\246\025\275\356\375\031\066\360\342\221\103  
\217\372\312\326\020\047\111\114\357\335\301\361\205\160\233\312  
\352\250\132\103\374\155\206\157\163\351\067\105\251\360\066\307  
\314\210\165\036\273\154\006\377\233\153\076\027\354\141\252\161  
\174\306\035\242\367\111\351\025\265\074\326\241\141\365\021\367  
\005\157\035\375\021\276\320\060\007\302\051\260\011\116\046\334  
\343\242\250\221\152\037\302\221\105\210\134\345\230\270\161\245  
\025\031\311\174\165\021\314\160\164\117\055\233\035\221\104\375  
\126\050\240\376\273\206\152\310\372\134\013\130\334\306\113\166  
\310\253\042\331\163\017\245\364\132\002\211\077\117\236\042\202

\356\242\164\123\052\075\123\047\151\035\154\216\062\054\144\000  
\046\143\141\066\116\243\106\267\077\175\263\055\254\155\220\242  
\225\242\316\317\332\202\347\007\064\031\226\351\270\041\252\051  
\176\246\070\276\216\051\112\041\146\171\037\263\303\265\011\147  
\336\326\324\007\106\363\052\332\346\042\067\140\313\201\266\017  
\240\017\351\310\225\177\277\125\221\005\172\317\075\025\300\157  
\336\011\224\001\203\327\064\033\314\100\245\360\270\233\147\325  
\230\221\073\247\204\170\225\046\244\132\010\370\053\164\264\000  
\004\074\337\270\024\216\350\337\251\215\154\147\222\063\035\300  
\267\322\354\222\310\276\011\277\054\051\005\157\002\153\236\357  
\274\277\052\274\133\300\120\217\101\160\161\207\262\115\267\004  
\251\204\243\062\257\256\356\153\027\213\262\261\376\154\341\220  
\214\210\250\227\110\316\310\115\313\363\006\317\137\152\012\102  
\261\036\036\167\057\216\240\346\222\016\006\374\005\042\322\046  
\341\061\121\175\062\334\017\002\003\001\000\001\243\043\060\041  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\003\202\002\001\000\137\064\201\166\357\226\035\325\345\265\331  
\002\143\204\026\301\256\240\160\121\247\367\114\107\065\310\013  
\327\050\075\211\161\331\252\063\101\352\024\033\154\041\000\300  
\154\102\031\176\237\151\133\040\102\337\242\322\332\304\174\227  
\113\215\260\350\254\310\356\245\151\004\231\012\222\246\253\047  
\056\032\115\201\277\204\324\160\036\255\107\376\375\112\235\063  
\340\362\271\304\105\010\041\012\332\151\151\163\162\015\276\064  
\376\224\213\255\303\036\065\327\242\203\357\345\070\307\245\205  
\037\253\317\064\354\077\050\376\014\361\127\206\116\311\125\367  
\034\324\330\245\175\006\172\157\325\337\020\337\201\116\041\145  
\261\266\341\027\171\225\105\006\316\137\314\334\106\211\143\150  
\104\215\223\364\144\160\240\075\235\050\005\303\071\160\270\142  
\173\040\375\344\333\351\010\241\270\236\075\011\307\117\373\054  
\370\223\166\101\336\122\340\341\127\322\235\003\274\167\236\376  
\236\051\136\367\301\121\140\037\336\332\013\262\055\165\267\103  
\110\223\347\366\171\306\204\135\200\131\140\224\374\170\230\217  
\074\223\121\355\100\220\007\337\144\143\044\313\116\161\005\241  
\327\224\032\210\062\361\042\164\042\256\245\246\330\022\151\114  
\140\243\002\356\053\354\324\143\222\013\136\276\057\166\153\243  
\266\046\274\217\003\330\012\362\114\144\106\275\071\142\345\226  
\353\064\143\021\050\314\225\361\255\357\357\334\200\130\110\351  
\113\270\352\145\254\351\374\200\265\265\310\105\371\254\301\237  
\331\271\352\142\210\216\304\361\113\203\022\255\346\213\204\326  
\236\302\353\203\030\237\152\273\033\044\140\063\160\314\354\367  
\062\363\134\331\171\175\357\236\244\376\311\043\303\044\356\025  
\222\261\075\221\117\046\206\275\146\163\044\023\352\244\256\143  
\301\255\175\204\003\074\020\170\206\033\171\343\304\363\362\004  
\225\040\256\043\202\304\263\072\000\142\277\346\066\044\341\127  
\272\307\036\220\165\325\137\077\225\141\053\301\073\315\345\263  
\150\141\320\106\046\251\041\122\151\055\353\056\307\353\167\316

```
\246\072\265\003\063\117\166\321\347\134\124\001\135\313\170\364
\311\014\277\317\022\216\027\055\043\150\224\347\253\376\251\262
\053\006\320\004\315
```

END

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

# Trust for "TWCA Global Root CA"

# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW

# Serial Number: 3262 (0xcbe)

# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW

# Not Valid Before: Wed Jun 27 06:28:33 2012

# Not Valid After : Tue Dec 31 15:59:59 2030

# Fingerprint (SHA-256):

59:76:90:07:F7:68:5D:0F:CD:50:87:2F:9F:95:D5:75:5A:5B:2B:45:7D:81:F3:69:2B:61:0A:98:67:2F:0E:1B

# Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TWCA Global Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\234\273\110\123\366\244\366\323\122\244\350\062\122\125\140\023
\365\255\257\145
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\371\003\176\317\346\236\074\163\172\052\220\007\151\377\053\226
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\002\014\276
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

# Certificate "TeliaSonera Root CA v1"

#

```
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Not Valid Before: Thu Oct 18 12:00:50 2007
# Not Valid After : Mon Oct 18 12:00:50 2032
# Fingerprint (SHA-256):
DD:69:36:FE:21:F8:F0:77:C1:23:A1:A5:21:C1:22:24:F7:22:55:B7:3E:03:A7:26:06:93:E8:A2:4B:0F:A3:89
# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372
\213\315\226
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\070\060\202\003\040\240\003\002\001\002\002\021\000
\225\276\026\240\367\056\106\361\173\071\202\162\372\213\315\226
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154\151
\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004\003
\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122\157
\157\164\040\103\101\040\166\061\060\036\027\015\060\067\061\060
\061\070\061\062\060\060\065\060\132\027\015\063\062\061\060\061
\070\061\062\060\060\065\060\132\060\067\061\024\060\022\006\003
\125\004\012\014\013\124\145\154\151\141\123\157\156\145\162\141
\061\037\060\035\006\003\125\004\003\014\026\124\145\154\151\141
\123\157\156\145\162\141\040\122\157\157\164\040\103\101\040\166
\061\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\302\276\353\047\360\041\243\363\151\046\125\176\235\305
\125\026\221\134\375\357\041\277\123\200\172\055\322\221\214\143
```

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\346\174\171\352\214\265\202\213\256\110\266\254\000\334\145\165  
\354\052\115\137\301\207\365\040\145\053\201\250\107\076\211\043  
\225\060\026\220\177\350\127\007\110\347\031\256\277\105\147\261  
\067\033\006\052\376\336\371\254\175\203\373\136\272\344\217\227  
\147\276\113\216\215\144\007\127\070\125\151\064\066\075\023\110  
\357\117\342\323\146\036\244\317\032\267\136\066\063\324\264\006  
\275\030\001\375\167\204\120\000\105\365\214\135\350\043\274\176  
\376\065\341\355\120\173\251\060\215\031\323\011\216\150\147\135  
\277\074\227\030\123\273\051\142\305\312\136\162\301\307\226\324  
\333\055\240\264\037\151\003\354\352\342\120\361\014\074\360\254  
\363\123\055\360\034\365\355\154\071\071\163\200\026\310\122\260  
\043\315\340\076\334\335\074\107\240\273\065\212\342\230\150\213  
\276\345\277\162\356\322\372\245\355\022\355\374\230\030\251\046  
\166\334\050\113\020\040\034\323\177\026\167\055\355\157\200\367  
\111\273\123\005\273\135\150\307\324\310\165\026\077\211\132\213  
\367\027\107\324\114\361\322\211\171\076\115\075\230\250\141\336  
\072\036\322\370\136\003\340\301\311\034\214\323\215\115\323\225  
\066\263\067\137\143\143\233\063\024\360\055\046\153\123\174\211  
\214\062\302\156\354\075\041\000\071\311\241\150\342\120\203\056  
\260\072\053\363\066\240\254\057\344\157\141\302\121\011\071\076  
\213\123\271\273\147\332\334\123\271\166\131\066\235\103\345\040  
\340\075\062\140\205\042\121\267\307\063\273\335\025\057\244\170  
\246\007\173\201\106\066\004\206\335\171\065\307\225\054\073\260  
\243\027\065\345\163\037\264\134\131\357\332\352\020\145\173\172  
\320\177\237\263\264\052\067\073\160\213\233\133\271\053\267\354  
\262\121\022\227\123\051\132\324\360\022\020\334\117\002\273\022  
\222\057\142\324\077\151\103\174\015\326\374\130\165\001\210\235  
\130\026\113\336\272\220\377\107\001\211\006\152\366\137\262\220  
\152\263\002\246\002\210\277\263\107\176\052\331\325\372\150\170  
\065\115\002\003\001\000\001\243\077\060\075\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016  
\004\026\004\024\360\217\131\070\000\263\365\217\232\226\014\325  
\353\372\173\252\027\350\023\022\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\002\001\000\276\344\134\142  
\116\044\364\014\010\377\360\323\014\150\344\223\111\042\077\104  
\047\157\273\155\336\203\146\316\250\314\015\374\365\232\006\345  
\167\024\221\353\235\101\173\231\052\204\345\377\374\041\301\135  
\360\344\037\127\267\165\251\241\137\002\046\377\327\307\367\116  
\336\117\370\367\034\106\300\172\117\100\054\042\065\360\031\261  
\320\153\147\054\260\250\340\300\100\067\065\366\204\134\134\343  
\257\102\170\376\247\311\015\120\352\015\204\166\366\121\357\203  
\123\306\172\377\016\126\111\056\217\172\326\014\346\047\124\343  
\115\012\140\162\142\315\221\007\326\245\277\310\231\153\355\304  
\031\346\253\114\021\070\305\157\061\342\156\111\310\077\166\200  
\046\003\046\051\340\066\366\366\040\123\343\027\160\064\027\235  
\143\150\036\153\354\303\115\206\270\023\060\057\135\106\015\107

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\103\325\033\252\131\016\271\134\215\006\110\255\164\207\137\307
\374\061\124\101\023\342\307\041\016\236\340\036\015\341\300\173
\103\205\220\305\212\130\306\145\012\170\127\362\306\043\017\001
\331\040\113\336\017\373\222\205\165\052\134\163\215\155\173\045
\221\312\356\105\256\006\113\000\314\323\261\131\120\332\072\210
\073\051\103\106\136\227\053\124\316\123\157\215\112\347\226\372
\277\161\016\102\213\174\375\050\240\320\110\312\332\304\201\114
\273\242\163\223\046\310\353\014\326\046\210\266\300\044\317\273
\275\133\353\165\175\351\010\216\206\063\054\171\167\011\151\245
\211\374\263\160\220\207\166\217\323\042\273\102\316\275\163\013
\040\046\052\320\233\075\160\036\044\154\315\207\166\251\027\226
\267\317\015\222\373\216\030\251\230\111\321\236\376\140\104\162
\041\271\031\355\302\365\061\361\071\110\210\220\044\165\124\026
\255\316\364\370\151\024\144\071\373\243\270\272\160\100\307\047
\034\277\304\126\123\372\143\145\320\363\034\016\026\365\153\206
\130\115\030\324\344\015\216\245\235\133\221\334\166\044\120\077
\306\052\373\331\267\234\265\326\346\320\331\350\031\213\025\161
\110\255\267\352\330\131\210\324\220\277\026\263\331\351\254\131
\141\124\310\034\272\312\301\312\341\271\040\114\217\072\223\211
\245\240\314\277\323\366\165\244\165\226\155\126
```

END

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

```
# Trust for "TeliaSonera Root CA v1"
```

```
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
```

```
# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96
```

```
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera
```

```
# Not Valid Before: Thu Oct 18 12:00:50 2007
```

```
# Not Valid After : Mon Oct 18 12:00:50 2032
```

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

```
DD:69:36:FE:21:F8:F0:77:C1:23:A1:A5:21:C1:22:24:F7:22:55:B7:3E:03:A7:26:06:93:E8:A2:4B:0F:A3:89
```

```
# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\103\023\273\226\361\325\206\233\301\116\152\222\366\317\366\064
\151\207\202\067
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\067\101\111\033\030\126\232\046\365\255\302\146\373\100\245\114
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
```

```
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372
\213\315\226
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "E-Tugra Certification Authority"

#

# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im  
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR

# Serial Number:6a:68:3e:9c:51:9b:cb:53

# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im  
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR

# Not Valid Before: Tue Mar 05 12:09:48 2013

# Not Valid After : Fri Mar 03 12:09:48 2023

# Fingerprint (SHA-256):

B0:BF:D5:2B:B0:D7:D9:BD:92:BF:5D:4D:C1:3D:A2:55:C0:2C:54:2F:37:83:65:EA:89:39:11:F5:5E:55:F2:3C

# Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "E-Tugra Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122  
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162  
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165  
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151  
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040  
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056  
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055  
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163  
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006  
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\152\150\076\234\121\233\313\123

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\113\060\202\004\063\240\003\002\001\002\002\010\152  
\150\076\234\121\233\313\123\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\262\061\013\060\011\006\003\125  
\004\006\023\002\124\122\061\017\060\015\006\003\125\004\007\014  
\006\101\156\153\141\162\141\061\100\060\076\006\003\125\004\012  
\014\067\105\055\124\165\304\237\162\141\040\105\102\107\040\102  
\151\154\151\305\237\151\155\040\124\145\153\156\157\154\157\152  
\151\154\145\162\151\040\166\145\040\110\151\172\155\145\164\154  
\145\162\151\040\101\056\305\236\056\061\046\060\044\006\003\125  
\004\013\014\035\105\055\124\165\147\162\141\040\123\145\162\164  
\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145\172  
\151\061\050\060\046\006\003\125\004\003\014\037\105\055\124\165  
\147\162\141\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061  
\063\060\063\060\065\061\062\060\071\064\070\132\027\015\062\063  
\060\063\060\063\061\062\060\071\064\070\132\060\201\262\061\013  
\060\011\006\003\125\004\006\023\002\124\122\061\017\060\015\006  
\003\125\004\007\014\006\101\156\153\141\162\141\061\100\060\076  
\006\003\125\004\012\014\067\105\055\124\165\304\237\162\141\040  
\105\102\107\040\102\151\154\151\305\237\151\155\040\124\145\153  
\156\157\154\157\152\151\154\145\162\151\040\166\145\040\110\151  
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\061\046  
\060\044\006\003\125\004\013\014\035\105\055\124\165\147\162\141  
\040\123\145\162\164\151\146\151\153\141\163\171\157\156\040\115  
\145\162\153\145\172\151\061\050\060\046\006\003\125\004\003\014  
\037\105\055\124\165\147\162\141\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
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\000\342\365\077\223\005\121\036\205\142\124\136\172\013\365\030  
\007\203\256\176\257\174\367\324\212\153\245\143\103\071\271\113

\367\303\306\144\211\075\224\056\124\200\122\071\071\007\113\113  
\335\205\007\166\207\314\277\057\225\114\314\175\247\075\274\107  
\017\230\160\370\214\205\036\164\216\222\155\033\100\321\231\015  
\273\165\156\310\251\153\232\300\204\061\257\312\103\313\353\053  
\064\350\217\227\153\001\233\325\016\112\010\252\133\222\164\205  
\103\323\200\256\241\210\133\256\263\352\136\313\026\232\167\104  
\310\241\366\124\150\316\336\217\227\053\272\133\100\002\014\144  
\027\300\265\223\315\341\361\023\146\316\014\171\357\321\221\050  
\253\137\240\022\122\060\163\031\216\217\341\214\007\242\303\273  
\112\360\352\037\025\250\356\045\314\244\106\370\033\042\357\263  
\016\103\272\054\044\270\305\054\134\324\034\370\135\144\275\303  
\223\136\050\247\077\047\361\216\036\323\052\120\005\243\125\331  
\313\347\071\123\300\230\236\214\124\142\213\046\260\367\175\215  
\174\344\306\236\146\102\125\202\107\347\262\130\215\146\367\007  
\174\056\066\346\120\034\077\333\103\044\305\277\206\107\171\263  
\171\034\367\132\364\023\354\154\370\077\342\131\037\225\356\102  
\076\271\255\250\062\205\111\227\106\376\113\061\217\132\313\255  
\164\107\037\351\221\267\337\050\004\042\240\324\017\135\342\171  
\117\352\154\205\206\275\250\246\316\344\372\303\341\263\256\336  
\074\121\356\313\023\174\001\177\204\016\135\121\224\236\023\014  
\266\056\245\114\371\071\160\066\157\226\312\056\014\104\125\305  
\312\372\135\002\243\337\326\144\214\132\263\001\012\251\265\012  
\107\027\377\357\221\100\052\216\241\106\072\061\230\345\021\374  
\314\273\111\126\212\374\271\320\141\232\157\145\154\346\303\313  
\076\165\111\376\217\247\342\211\305\147\327\235\106\023\116\061  
\166\073\044\263\236\021\145\206\253\177\357\035\324\370\274\347  
\254\132\134\267\132\107\134\125\316\125\264\042\161\133\133\013  
\360\317\334\240\141\144\352\251\327\150\012\143\247\340\015\077  
\240\257\323\252\322\176\357\121\240\346\121\053\125\222\025\027  
\123\313\267\146\016\146\114\370\371\165\114\220\347\022\160\307  
\105\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035  
\016\004\026\004\024\056\343\333\262\111\320\234\124\171\134\372  
\047\052\376\314\116\322\350\116\124\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035  
\043\004\030\060\026\200\024\056\343\333\262\111\320\234\124\171  
\134\372\047\052\376\314\116\322\350\116\124\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\005  
\067\072\364\115\267\105\342\105\165\044\217\266\167\122\350\034  
\330\020\223\145\363\362\131\006\244\076\036\051\354\135\321\320  
\253\174\340\012\220\110\170\355\116\230\003\231\376\050\140\221  
\035\060\035\270\143\174\250\346\065\265\372\323\141\166\346\326  
\007\113\312\151\232\262\204\172\167\223\105\027\025\237\044\320  
\230\023\022\377\273\240\056\375\116\114\207\370\316\134\252\230  
\033\005\340\000\106\112\202\200\245\063\213\050\334\355\070\323  
\337\345\076\351\376\373\131\335\141\204\117\322\124\226\023\141  
\023\076\217\200\151\276\223\107\265\065\103\322\132\273\075\134  
\357\263\102\107\315\073\125\023\006\260\011\333\375\143\366\072

```
\210\012\231\157\176\341\316\033\123\152\104\146\043\121\010\173
\274\133\122\242\375\006\067\070\100\141\217\112\226\270\220\067
\370\146\307\170\220\000\025\056\213\255\121\065\123\007\250\153
\150\256\371\116\074\007\046\315\010\005\160\314\071\077\166\275
\245\323\147\046\001\206\246\123\322\140\073\174\103\177\125\212
\274\225\032\301\050\071\114\037\103\322\221\364\162\131\212\271
\126\374\077\264\235\332\160\234\166\132\214\103\120\356\216\060
\162\115\337\377\111\367\306\251\147\331\155\254\002\021\342\072
\026\045\247\130\010\313\157\123\101\234\110\070\107\150\063\321
\327\307\217\324\164\041\324\303\005\220\172\377\316\226\210\261
\025\051\135\043\253\320\140\241\022\117\336\364\027\315\062\345
\311\277\310\103\255\375\056\216\361\257\342\364\230\372\022\037
\040\330\300\247\014\205\305\220\364\073\055\226\046\261\054\276
\114\253\353\261\322\212\311\333\170\023\017\036\011\235\155\217
\000\237\002\332\301\372\037\172\172\011\304\112\346\210\052\227
\237\211\213\375\067\137\137\072\316\070\131\206\113\257\161\013
\264\330\362\160\117\237\062\023\343\260\247\127\345\332\332\103
\313\204\064\362\050\304\352\155\364\052\357\301\153\166\332\373
\176\273\205\074\322\123\302\115\276\161\341\105\321\375\043\147
\015\023\165\373\317\145\147\042\235\256\260\011\321\011\377\035
\064\277\376\043\227\067\322\071\372\075\015\006\013\264\333\073
\243\253\157\134\035\266\176\350\263\202\064\355\006\134\044
```

END

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

```
# Trust for "E-Tugra Certification Authority"
```

```
# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR
```

```
# Serial Number:6a:68:3e:9c:51:9b:cb:53
```

```
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR
```

```
# Not Valid Before: Tue Mar 05 12:09:48 2013
```

```
# Not Valid After : Fri Mar 03 12:09:48 2023
```

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

```
B0:BF:D5:2B:B0:D7:D9:BD:92:BF:5D:4D:C1:3D:A2:55:C0:2C:54:2F:37:83:65:EA:89:39:11:F5:5E:55:F2:3C
```

```
# Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "E-Tugra Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\121\306\347\010\111\006\156\363\222\324\134\240\015\155\243\142
\217\303\122\071
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

\270\241\003\143\260\275\041\161\160\212\157\023\072\273\171\111

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122  
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162  
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165  
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151  
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040  
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056  
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055  
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163  
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006  
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\152\150\076\234\121\233\313\123

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "T-TeleSec GlobalRoot Class 2"

#

# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services  
GmbH,C=DE

# Serial Number: 1 (0x1)

# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services  
GmbH,C=DE

# Not Valid Before: Wed Oct 01 10:40:14 2008

# Not Valid After : Sat Oct 01 23:59:59 2033

# Fingerprint (SHA-256):

91:E2:F5:78:8D:58:10:EB:A7:BA:58:73:7D:E1:54:8A:8E:CA:CD:01:45:98:BC:0B:14:3E:04:1B:17:05:25:52

# Fingerprint (SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060

\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060  
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164  
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123  
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035  
\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163  
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060  
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145  
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141  
\163\163\040\062\060\036\027\015\060\070\061\060\060\061\061\060  
\064\060\061\064\132\027\015\063\063\061\060\060\061\062\063\065  
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124  
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162  
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142  
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171  
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164  
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124  
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157  
\164\040\103\154\141\163\163\040\062\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\252\137\332\033\137\350  
\163\221\345\332\134\364\242\346\107\345\363\150\125\140\005\035  
\002\244\263\233\131\363\036\212\257\064\255\374\015\302\331\110  
\031\356\151\217\311\040\374\041\252\007\031\355\260\134\254\145

\307\137\355\002\174\173\174\055\033\326\272\271\200\302\030\202  
\026\204\372\146\260\010\306\124\043\201\344\315\271\111\077\366  
\117\156\067\110\050\070\017\305\276\347\150\160\375\071\227\115  
\322\307\230\221\120\252\304\104\263\043\175\071\107\351\122\142  
\326\022\223\136\267\061\226\102\005\373\166\247\036\243\365\302  
\374\351\172\305\154\251\161\117\352\313\170\274\140\257\307\336  
\364\331\313\276\176\063\245\156\224\203\360\064\372\041\253\352  
\216\162\240\077\244\336\060\133\357\206\115\152\225\133\103\104  
\250\020\025\034\345\001\127\305\230\361\346\006\050\221\252\040  
\305\267\123\046\121\103\262\013\021\225\130\341\300\017\166\331  
\300\215\174\201\363\162\160\236\157\376\032\216\331\137\065\306  
\262\157\064\174\276\110\117\342\132\071\327\330\235\170\236\237  
\206\076\003\136\031\213\104\242\325\307\002\003\001\000\001\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\277  
\131\040\066\000\171\240\240\042\153\214\325\362\141\322\270\054  
\313\202\112\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\061\003\242\141\013\037\164\350\162  
\066\306\155\371\115\236\372\042\250\341\201\126\317\315\273\237  
\352\253\221\031\070\257\252\174\025\115\363\266\243\215\245\364  
\216\366\104\251\247\350\041\225\255\076\000\142\026\210\360\002  
\272\374\141\043\346\063\233\060\172\153\066\142\173\255\004\043  
\204\130\145\342\333\053\212\347\045\123\067\142\123\137\274\332  
\001\142\051\242\246\047\161\346\072\042\176\301\157\035\225\160  
\040\112\007\064\337\352\377\025\200\345\272\327\172\330\133\165  
\174\005\172\051\107\176\100\250\061\023\167\315\100\073\264\121  
\107\172\056\021\343\107\021\336\235\146\320\213\325\124\146\372  
\203\125\352\174\302\051\211\033\351\157\263\316\342\005\204\311  
\057\076\170\205\142\156\311\137\301\170\143\164\130\300\110\030  
\014\231\071\353\244\314\032\265\171\132\215\025\234\330\024\015  
\366\172\007\127\307\042\203\005\055\074\233\045\046\075\030\263  
\251\103\174\310\310\253\144\217\016\243\277\234\033\235\060\333  
\332\320\031\056\252\074\361\373\063\200\166\344\315\255\031\117  
\005\047\216\023\241\156\302

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "T-TeleSec GlobalRoot Class 2"

# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

# Serial Number: 1 (0x1)

# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

# Not Valid Before: Wed Oct 01 10:40:14 2008

# Not Valid After : Sat Oct 01 23:59:59 2033

```

# Fingerprint (SHA-256):
91:E2:F5:78:8D:58:10:EB:A7:BA:58:73:7D:E1:54:8A:8E:CA:CD:01:45:98:BC:0B:14:3E:04:1B:17:05:25:52
# Fingerprint (SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\015\055\175\210\117\100\056\141\176\245\142\062\027\145\317
\027\330\224\351
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\053\233\236\344\173\154\037\000\162\032\314\301\167\171\337\152
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Atos TrustedRoot 2011"
#
# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Serial Number:5c:33:cb:62:2c:5f:b3:32
# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Not Valid Before: Thu Jul 07 14:58:30 2011
# Not Valid After : Tue Dec 31 23:59:59 2030
# Fingerprint (SHA-256):
F3:56:BE:A2:44:B7:A9:1E:B3:5D:53:CA:9A:D7:86:4A:CE:01:8E:2D:35:D5:F8:F9:6D:DF:68:A6:F4:1A:A4:74
# Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Atos TrustedRoot 2011"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\134\063\313\142\054\137\263\062
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\010\134
\063\313\142\054\137\263\062\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\074\061\036\060\034\006\003\125\004
\003\014\025\101\164\157\163\040\124\162\165\163\164\145\144\122
\157\157\164\040\062\060\061\061\061\015\060\013\006\003\125\004
\012\014\004\101\164\157\163\061\013\060\011\006\003\125\004\006
\023\002\104\105\060\036\027\015\061\061\060\067\060\067\061\064
\065\070\063\060\132\027\015\063\060\061\062\063\061\062\063\065
\071\065\071\132\060\074\061\036\060\034\006\003\125\004\003\014
\025\101\164\157\163\040\124\162\165\163\164\145\144\122\157\157
\164\040\062\060\061\061\061\015\060\013\006\003\125\004\012\014
\004\101\164\157\163\061\013\060\011\006\003\125\004\006\023\002
\104\105\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\225\205\073\227\157\052\073\056\073\317\246\363\051
\065\276\317\030\254\076\252\331\370\115\240\076\032\107\271\274
\232\337\362\376\314\076\107\350\172\226\302\044\216\065\364\251
\014\374\202\375\155\301\162\142\047\275\352\153\353\347\212\314
\124\076\220\120\317\200\324\225\373\350\265\202\324\024\305\266
\251\125\045\127\333\261\120\366\260\140\144\131\172\151\317\003
\267\157\015\276\312\076\157\164\162\352\252\060\052\163\142\276
\111\221\141\310\021\376\016\003\052\367\152\040\334\002\025\015
\136\025\152\374\343\202\301\265\305\235\144\011\154\243\131\230
\007\047\307\033\226\053\141\164\161\154\103\361\367\065\211\020
\340\236\354\125\241\067\042\242\207\004\005\054\107\175\264\034
\271\142\051\146\050\312\267\341\223\365\244\224\003\231\271\160
\205\265\346\110\352\215\120\374\331\336\314\157\007\016\335\013
\162\235\200\060\026\007\225\077\050\016\375\305\165\117\123\326
```

\164\232\264\044\056\216\002\221\317\166\305\233\036\125\164\234  
\170\041\261\360\055\361\013\237\302\325\226\030\037\360\124\042  
\172\214\007\002\003\001\000\001\243\175\060\173\060\035\006\003  
\125\035\016\004\026\004\024\247\245\006\261\054\246\011\140\356  
\321\227\351\160\256\274\073\031\154\333\041\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003  
\125\035\043\004\030\060\026\200\024\247\245\006\261\054\246\011  
\140\356\321\227\351\160\256\274\073\031\154\333\041\060\030\006  
\003\125\035\040\004\021\060\017\060\015\006\013\053\006\001\004  
\001\260\055\003\004\001\001\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\001\001\000\046\167\064\333\224  
\110\206\052\101\235\054\076\006\220\140\304\214\254\013\124\270  
\037\271\173\323\007\071\344\372\076\173\262\075\116\355\237\043  
\275\227\363\153\134\357\356\375\100\246\337\241\223\241\012\206  
\254\357\040\320\171\001\275\170\367\031\330\044\061\064\004\001  
\246\272\025\232\303\047\334\330\117\017\314\030\143\377\231\017  
\016\221\153\165\026\341\041\374\330\046\307\107\267\246\317\130  
\162\161\176\272\341\115\225\107\073\311\257\155\241\264\301\354  
\211\366\264\017\070\265\342\144\334\045\317\246\333\353\232\134  
\231\241\305\010\336\375\346\332\325\326\132\105\014\304\267\302  
\265\024\357\264\021\377\016\025\265\365\365\333\306\275\353\132  
\247\360\126\042\251\074\145\124\306\025\250\275\206\236\315\203  
\226\150\172\161\201\211\341\013\341\352\021\033\150\010\314\151  
\236\354\236\101\236\104\062\046\172\342\207\012\161\075\353\344  
\132\244\322\333\305\315\306\336\140\177\271\363\117\104\222\357  
\052\267\030\076\247\031\331\013\175\261\067\101\102\260\272\140  
\035\362\376\011\021\260\360\207\173\247\235

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Atos TrustedRoot 2011"

# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Serial Number:5c:33:cb:62:2c:5f:b3:32

# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Not Valid Before: Thu Jul 07 14:58:30 2011

# Not Valid After : Tue Dec 31 23:59:59 2030

# Fingerprint (SHA-256):

F3:56:BE:A2:44:B7:A9:1E:B3:5D:53:CA:9A:D7:86:4A:CE:01:8E:2D:35:D5:F8:F9:6D:DF:68:A6:F4:1A:A4:74

# Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Atos TrustedRoot 2011"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\053\261\365\076\125\014\035\305\361\324\346\267\152\106\113\125

\006\002\254\041

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\256\271\304\062\113\254\177\135\146\314\167\224\273\052\167\126

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157

\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060

\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157

\163\061\013\060\011\006\003\125\004\006\023\002\104\105

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\134\063\313\142\054\137\263\062

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "QuoVadis Root CA 1 G3"

#

# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

# Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93

# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

# Not Valid Before: Thu Jan 12 17:27:44 2012

# Not Valid After : Sun Jan 12 17:27:44 2042

# Fingerprint (SHA-256):

8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74

# Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "QuoVadis Root CA 1 G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061

\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144

\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003

\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157

\157\164\040\103\101\040\061\040\107\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061

\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144

\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003  
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\061\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023  
\050\265\226\324\145\223

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\170  
\130\137\056\255\054\031\113\343\067\007\065\064\023\050\265\226  
\324\145\223\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034  
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\061\040\107\063\060\036\027\015  
\061\062\060\061\061\062\061\067\062\067\064\064\132\027\015\064  
\062\060\061\061\062\061\067\062\067\064\064\132\060\110\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006  
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023  
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\061\040\107\063\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\240\276\120\020\216\351\362\154\100  
\264\004\234\205\271\061\312\334\055\344\021\251\004\074\033\125  
\301\347\130\060\035\044\264\303\357\205\336\214\054\341\301\075  
\337\202\346\117\255\107\207\154\354\133\111\301\112\325\273\217  
\354\207\254\177\202\232\206\354\075\003\231\122\001\322\065\236  
\254\332\360\123\311\146\074\324\254\002\001\332\044\323\073\250  
\002\106\257\244\034\343\370\163\130\166\267\366\016\220\015\265  
\360\317\314\372\371\306\114\345\303\206\060\012\215\027\176\065  
\353\305\337\273\016\234\300\215\207\343\210\070\205\147\372\076  
\307\253\340\023\234\005\030\230\317\223\365\261\222\264\374\043  
\323\317\325\304\047\111\340\236\074\233\010\243\213\135\052\041  
\340\374\071\252\123\332\175\176\317\032\011\123\274\135\005\004  
\317\241\112\217\213\166\202\015\241\370\322\307\024\167\133\220  
\066\007\201\233\076\006\372\122\136\143\305\246\000\376\245\351  
\122\033\122\265\222\071\162\003\011\142\275\260\140\026\156\246  
\335\045\302\003\146\335\363\004\321\100\342\116\213\206\364\157  
\345\203\240\047\204\136\004\301\365\220\275\060\075\304\357\250  
\151\274\070\233\244\244\226\321\142\332\151\300\001\226\256\313  
\304\121\064\352\014\252\377\041\216\131\217\112\134\344\141\232  
\247\322\351\052\170\215\121\075\072\025\356\242\131\216\251\134  
\336\305\371\220\042\345\210\105\161\335\221\231\154\172\237\075  
\075\230\174\136\366\276\026\150\240\136\256\013\043\374\132\017  
\252\042\166\055\311\241\020\035\344\323\104\043\220\210\237\306

\052\346\327\365\232\263\130\036\057\060\211\010\033\124\242\265  
\230\043\354\010\167\034\225\135\141\321\313\211\234\137\242\112  
\221\232\357\041\252\111\026\010\250\275\141\050\061\311\164\255  
\205\366\331\305\261\213\321\345\020\062\115\137\213\040\072\074  
\111\037\063\205\131\015\333\313\011\165\103\151\163\373\153\161  
\175\360\337\304\114\175\306\243\056\310\225\171\313\163\242\216  
\116\115\044\373\136\344\004\276\162\033\246\047\055\111\132\231  
\172\327\134\011\040\267\177\224\271\117\361\015\034\136\210\102  
\033\021\267\347\221\333\236\154\364\152\337\214\006\230\003\255  
\314\050\357\245\107\363\123\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\243\227\326\363  
\136\242\020\341\253\105\237\074\027\144\074\356\001\160\234\314  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\030\372\133\165\374\076\172\307\137\167\307\312  
\337\317\137\303\022\304\100\135\324\062\252\270\152\327\325\025  
\025\106\230\043\245\346\220\133\030\231\114\343\255\102\243\202  
\061\066\210\315\351\373\304\004\226\110\213\001\307\215\001\317  
\133\063\006\226\106\146\164\035\117\355\301\266\271\264\015\141  
\314\143\176\327\056\167\214\226\034\052\043\150\153\205\127\166  
\160\063\023\376\341\117\246\043\167\030\372\032\214\350\275\145  
\311\317\077\364\311\027\334\353\307\274\300\004\056\055\106\057  
\151\146\303\033\217\376\354\076\323\312\224\277\166\012\045\015  
\251\173\002\034\251\320\073\137\013\300\201\072\075\144\341\277  
\247\055\116\275\115\304\330\051\306\042\030\320\305\254\162\002  
\202\077\252\072\242\072\042\227\061\335\010\143\303\165\024\271  
\140\050\055\133\150\340\026\251\146\202\043\121\365\353\123\330  
\061\233\173\351\267\235\113\353\210\026\317\371\135\070\212\111  
\060\217\355\361\353\031\364\167\032\061\030\115\147\124\154\057  
\157\145\371\333\075\354\041\354\136\364\364\213\312\140\145\124  
\321\161\144\364\371\246\243\201\063\066\063\161\360\244\170\137  
\116\255\203\041\336\064\111\215\350\131\254\235\362\166\132\066  
\362\023\364\257\340\011\307\141\052\154\367\340\235\256\273\206  
\112\050\157\056\356\264\171\315\220\063\303\263\166\372\365\360  
\154\235\001\220\372\236\220\366\234\162\317\107\332\303\037\344  
\065\040\123\362\124\321\337\141\203\246\002\342\045\070\336\205  
\062\055\136\163\220\122\135\102\304\316\075\113\341\371\031\204  
\035\325\242\120\314\101\373\101\024\303\275\326\311\132\243\143  
\146\002\200\275\005\072\073\107\234\354\000\046\114\365\210\121  
\277\250\043\177\030\007\260\013\355\213\046\241\144\323\141\112  
\353\134\237\336\263\257\147\003\263\037\335\155\135\151\150\151  
\253\136\072\354\174\151\274\307\073\205\116\236\025\271\264\025  
\117\303\225\172\130\327\311\154\351\154\271\363\051\143\136\264  
\054\360\055\075\355\132\145\340\251\133\100\302\110\231\201\155  
\236\037\006\052\074\022\264\213\017\233\242\044\360\246\215\326  
\172\340\113\266\144\226\143\225\204\302\112\315\034\056\044\207  
\063\140\345\303

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "QuoVadis Root CA 1 G3"
# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93
# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 17:27:44 2012
# Not Valid After : Sun Jan 12 17:27:44 2042
# Fingerprint (SHA-256):
8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74
# Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\033\216\352\127\226\051\032\311\071\352\270\012\201\032\163\163
\300\223\171\147
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\244\274\133\077\376\067\232\372\144\360\342\372\005\075\013\253
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 2 G3"
#
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28
# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM

```

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# Not Valid Before: Thu Jan 12 18:59:32 2012
# Not Valid After : Sun Jan 12 18:59:32 2042
# Fingerprint (SHA-256):
8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40
# Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073
\133\247\046\360\165\050
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\104
\127\064\044\133\201\211\233\065\362\316\270\053\073\133\247\046
\360\165\050\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\062\040\107\063\060\036\027\015
\061\062\060\061\061\062\061\070\065\071\063\062\132\027\015\064
\062\060\061\061\062\061\070\065\071\063\062\132\060\110\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\062\040\107\063\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\241\256\045\262\001\030\334\127\210
```

\077\106\353\371\257\342\353\043\161\342\232\321\141\146\041\137  
\252\257\047\121\345\156\033\026\324\055\175\120\260\123\167\275  
\170\072\140\342\144\002\233\174\206\233\326\032\216\255\377\037  
\025\177\325\225\036\022\313\346\024\204\004\301\337\066\263\026  
\237\212\343\311\333\230\064\316\330\063\027\050\106\374\247\311  
\360\322\264\325\115\011\162\111\371\362\207\343\251\332\175\241  
\175\153\262\072\045\251\155\122\104\254\370\276\156\373\334\246  
\163\221\220\141\246\003\024\040\362\347\207\243\210\255\255\240  
\214\377\246\013\045\122\045\347\026\001\325\313\270\065\201\014  
\243\073\360\341\341\374\132\135\316\200\161\155\370\111\253\076  
\073\272\270\327\200\001\373\245\353\133\263\305\136\140\052\061  
\240\257\067\350\040\072\237\250\062\054\014\314\011\035\323\236  
\216\135\274\114\230\356\305\032\150\173\354\123\246\351\024\065  
\243\337\315\200\237\014\110\373\034\364\361\277\112\270\372\325  
\214\161\112\307\037\255\376\101\232\263\203\135\362\204\126\357  
\245\127\103\316\051\255\214\253\125\277\304\373\133\001\335\043  
\041\241\130\000\216\303\320\152\023\355\023\343\022\053\200\334  
\147\346\225\262\315\036\042\156\052\370\101\324\362\312\024\007  
\215\212\125\022\306\151\365\270\206\150\057\123\136\260\322\252  
\041\301\230\346\060\343\147\125\307\233\156\254\031\250\125\246  
\105\006\320\043\072\333\353\145\135\052\021\021\360\073\117\312  
\155\364\064\304\161\344\377\000\132\366\134\256\043\140\205\163  
\361\344\020\261\045\256\325\222\273\023\301\014\340\071\332\264  
\071\127\265\253\065\252\162\041\073\203\065\347\061\337\172\041  
\156\270\062\010\175\035\062\221\025\112\142\162\317\343\167\241  
\274\325\021\033\166\001\147\010\340\101\013\303\353\025\156\370  
\244\031\331\242\253\257\342\047\122\126\053\002\212\054\024\044  
\371\277\102\002\277\046\310\306\217\340\156\070\175\123\055\345  
\355\230\263\225\143\150\177\371\065\364\337\210\305\140\065\222  
\300\174\151\034\141\225\026\320\353\336\013\257\076\004\020\105  
\145\130\120\070\257\110\362\131\266\026\362\074\015\220\002\306  
\160\056\001\255\074\025\327\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\355\347\157\166  
\132\277\140\354\111\133\306\245\167\273\162\026\161\233\304\075  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\221\337\200\077\103\011\176\161\302\367\353\263  
\210\217\341\121\262\274\075\165\371\050\135\310\274\231\233\173  
\135\252\345\312\341\012\367\350\262\323\237\335\147\061\176\272  
\001\252\307\152\101\073\220\324\010\134\262\140\152\220\360\310  
\316\003\142\371\213\355\373\156\052\334\006\115\074\051\017\211  
\026\212\130\114\110\017\350\204\141\352\074\162\246\167\344\102  
\256\210\243\103\130\171\176\256\312\245\123\015\251\075\160\275  
\040\031\141\244\154\070\374\103\062\341\301\107\377\370\354\361  
\021\042\062\226\234\302\366\133\151\226\173\040\014\103\101\232  
\133\366\131\031\210\336\125\210\067\121\013\170\134\012\036\243  
\102\375\307\235\210\017\300\362\170\002\044\124\223\257\211\207

```
\210\311\112\200\035\352\320\156\076\141\056\066\273\065\016\047
\226\375\146\064\073\141\162\163\361\026\134\107\006\124\111\000
\172\130\022\260\012\357\205\375\261\270\063\165\152\223\034\022
\346\140\136\157\035\177\311\037\043\313\204\141\237\036\202\104
\371\137\255\142\125\044\232\122\230\355\121\347\241\176\227\072
\346\057\037\021\332\123\200\054\205\236\253\065\020\333\042\137
\152\305\136\227\123\362\062\002\011\060\243\130\360\015\001\325
\162\306\261\174\151\173\303\365\066\105\314\141\156\136\114\224
\305\136\256\350\016\136\213\277\367\315\340\355\241\016\033\063
\356\124\030\376\017\276\357\176\204\153\103\343\160\230\333\135
\165\262\015\131\007\205\025\043\071\326\361\337\251\046\017\326
\110\307\263\246\042\365\063\067\132\225\107\237\173\272\030\025
\157\377\326\024\144\203\111\322\012\147\041\333\017\065\143\140
\050\042\343\261\225\203\315\205\246\335\057\017\347\147\122\156
\273\057\205\174\365\112\163\347\305\076\300\275\041\022\005\077
\374\267\003\111\002\133\310\045\346\342\124\070\365\171\207\214
\035\123\262\116\205\173\006\070\307\054\370\370\260\162\215\045
\345\167\122\364\003\034\110\246\120\137\210\040\060\156\362\202
\103\253\075\227\204\347\123\373\041\301\117\017\042\232\206\270
\131\052\366\107\075\031\210\055\350\205\341\236\354\205\010\152
\261\154\064\311\035\354\110\053\073\170\355\146\304\216\171\151
\203\336\177\214
```

END

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

```
# Trust for "QuoVadis Root CA 2 G3"
```

```
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
```

```
# Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28
```

```
# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
```

```
# Not Valid Before: Thu Jan 12 18:59:32 2012
```

```
# Not Valid After : Sun Jan 12 18:59:32 2042
```

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

```
8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40
```

```
# Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\011\074\141\363\213\213\334\175\125\337\165\070\002\005\000\341
\045\365\310\066
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\257\014\206\156\277\100\055\177\013\076\022\120\272\022\075\006
```

END

```

CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073
\133\247\046\360\165\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3 G3"
#
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 20:26:32 2012
# Not Valid After : Sun Jan 12 20:26:32 2042
# Fingerprint (SHA-256):
88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46
# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END

```

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275  
\003\240\317\022\152\035

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\056  
\365\233\002\050\247\333\172\377\325\243\251\356\275\003\240\317  
\022\152\035\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034  
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\063\040\107\063\060\036\027\015  
\061\062\060\061\061\062\062\060\062\066\063\062\132\027\015\064  
\062\060\061\061\062\062\060\062\066\063\062\132\060\110\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006  
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023  
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\063\040\107\063\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\263\313\016\020\147\216\352\024\227  
\247\062\052\012\126\066\177\150\114\307\263\157\072\043\024\221  
\377\031\177\245\312\254\356\263\166\235\172\351\213\033\253\153  
\061\333\372\013\123\114\257\305\245\032\171\074\212\114\377\254  
\337\045\336\116\331\202\062\013\104\336\312\333\214\254\243\156  
\026\203\073\246\144\113\062\211\373\026\026\070\176\353\103\342  
\323\164\112\302\142\012\163\012\335\111\263\127\322\260\012\205  
\235\161\074\336\243\313\300\062\363\001\071\040\103\033\065\321  
\123\263\261\356\305\223\151\202\076\026\265\050\106\241\336\352  
\211\011\355\103\270\005\106\212\206\365\131\107\276\033\157\001  
\041\020\271\375\251\322\050\312\020\071\011\312\023\066\317\234  
\255\255\100\164\171\053\002\077\064\377\372\040\151\175\323\356  
\141\365\272\263\347\060\320\067\043\206\162\141\105\051\110\131  
\150\157\167\246\056\201\276\007\115\157\257\316\304\105\023\221  
\024\160\006\217\037\237\370\207\151\261\016\357\303\211\031\353  
\352\034\141\374\172\154\212\334\326\003\013\236\046\272\022\335  
\324\124\071\253\046\243\063\352\165\201\332\055\315\017\117\344  
\003\321\357\025\227\033\153\220\305\002\220\223\146\002\041\261  
\107\336\213\232\112\200\271\125\217\265\242\057\300\326\063\147  
\332\176\304\247\264\004\104\353\107\373\346\130\271\367\014\360  
\173\053\261\300\160\051\303\100\142\055\073\110\151\334\043\074  
\110\353\173\011\171\251\155\332\250\060\230\317\200\162\003\210  
\246\133\106\256\162\171\174\010\003\041\145\256\267\341\034\245  
\261\052\242\061\336\146\004\367\300\164\350\161\336\377\075\131  
\314\226\046\022\213\205\225\127\032\253\153\165\013\104\075\021  
\050\074\173\141\267\342\217\147\117\345\354\074\114\140\200\151  
\127\070\036\001\133\215\125\350\307\337\300\314\167\043\064\111

\165\174\366\230\021\353\055\336\355\101\056\024\005\002\177\340  
\376\040\353\065\347\021\254\042\316\127\075\336\311\060\155\020  
\003\205\315\361\377\214\026\265\301\262\076\210\154\140\177\220  
\117\225\367\366\055\255\001\071\007\004\372\165\200\175\277\111  
\120\355\357\311\304\174\034\353\200\176\333\266\320\335\023\376  
\311\323\234\327\262\227\251\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\306\027\320\274  
\250\352\002\103\362\033\006\231\135\053\220\040\271\327\234\344  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\064\141\331\126\265\022\207\125\115\335\243\065  
\061\106\273\244\007\162\274\137\141\142\350\245\373\013\067\261  
\074\266\263\372\051\235\177\002\365\244\311\250\223\267\172\161  
\050\151\217\163\341\122\220\332\325\276\072\345\267\166\152\126  
\200\041\337\135\346\351\072\236\345\076\366\242\151\307\052\012  
\260\030\107\334\040\160\175\122\243\076\131\174\301\272\311\310  
\025\100\141\312\162\326\160\254\322\267\360\034\344\206\051\360  
\316\357\150\143\320\265\040\212\025\141\232\176\206\230\264\311  
\302\166\373\314\272\060\026\314\243\141\306\164\023\345\153\357  
\243\025\352\003\376\023\213\144\344\323\301\322\350\204\373\111  
\321\020\115\171\146\353\252\375\364\215\061\036\160\024\255\334  
\336\147\023\114\201\025\141\274\267\331\221\167\161\031\201\140  
\273\360\130\245\265\234\013\367\217\042\125\047\300\113\001\155  
\073\231\015\324\035\233\143\147\057\320\356\015\312\146\274\224  
\117\246\255\355\374\356\143\254\127\077\145\045\317\262\206\217  
\320\010\377\270\166\024\156\336\345\047\354\253\170\265\123\271  
\266\077\350\040\371\322\250\276\141\106\312\207\214\204\363\371  
\361\240\150\233\042\036\201\046\233\020\004\221\161\300\006\037  
\334\240\323\271\126\247\343\230\055\177\203\235\337\214\053\234  
\062\216\062\224\360\001\074\042\052\237\103\302\056\303\230\071  
\007\070\173\374\136\000\102\037\363\062\046\171\203\204\366\345  
\360\301\121\022\300\013\036\004\043\014\124\245\114\057\111\305  
\112\321\266\156\140\015\153\374\153\213\205\044\144\267\211\016  
\253\045\107\133\074\317\176\111\275\307\351\012\306\332\367\176  
\016\027\010\323\110\227\320\161\222\360\017\071\076\064\152\034  
\175\330\362\042\256\273\151\364\063\264\246\110\125\321\017\016  
\046\350\354\266\013\055\247\205\065\315\375\131\310\237\321\315  
\076\132\051\064\271\075\204\316\261\145\324\131\221\221\126\165  
\041\301\167\236\371\172\341\140\235\323\255\004\030\364\174\353  
\136\223\217\123\112\042\051\370\110\053\076\115\206\254\133\177  
\313\006\231\131\140\330\130\145\225\215\104\321\367\177\176\047  
\177\175\256\200\365\007\114\266\076\234\161\124\231\004\113\375  
\130\371\230\364

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "QuoVadis Root CA 3 G3"
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 20:26:32 2012
# Not Valid After : Sun Jan 12 20:26:32 2042
# Fingerprint (SHA-256):
88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46
# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\110\022\275\222\074\250\304\071\006\347\060\155\047\226\346\244
\317\042\056\175
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\337\175\271\255\124\157\150\241\337\211\127\003\227\103\260\327
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
\003\240\317\022\152\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Assured ID Root G2"
#
# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b
# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85

```

# Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "DigiCert Assured ID Root G2"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL  
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232  
\364\113

END

CKA\_VALUE MULTILINE\_OCTAL  
\060\202\003\226\060\202\002\176\240\003\002\001\002\002\020\013  
\223\034\072\326\071\147\352\147\043\277\303\257\232\364\113\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\145  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145  
\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157  
\157\164\040\107\062\060\036\027\015\061\063\060\070\060\061\061  
\062\060\060\060\060\132\027\015\063\070\060\061\061\065\061\062  
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104  
\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006  
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145  
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023  
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145

\144\040\111\104\040\122\157\157\164\040\107\062\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\331\347\050  
\057\122\077\066\162\111\210\223\064\363\370\152\036\061\124\200  
\237\255\124\101\265\107\337\226\250\324\257\200\055\271\012\317  
\165\375\211\245\175\044\372\343\042\014\053\274\225\027\013\063  
\277\031\115\101\006\220\000\275\014\115\020\376\007\265\347\034  
\156\042\125\061\145\227\275\323\027\322\036\142\363\333\352\154  
\120\214\077\204\014\226\317\267\313\003\340\312\155\241\024\114  
\033\211\335\355\000\260\122\174\257\221\154\261\070\023\321\351  
\022\010\300\000\260\034\053\021\332\167\160\066\233\256\316\171  
\207\334\202\160\346\011\164\160\125\151\257\243\150\237\277\335  
\266\171\263\362\235\160\051\125\364\253\377\225\141\363\311\100  
\157\035\321\276\223\273\323\210\052\273\235\277\162\132\126\161  
\073\077\324\363\321\012\376\050\357\243\356\331\231\257\003\323  
\217\140\267\362\222\241\261\275\211\211\037\060\315\303\246\056  
\142\063\256\026\002\167\104\132\347\201\012\074\247\104\056\171  
\270\077\004\274\134\240\207\341\033\257\121\216\315\354\054\372  
\370\376\155\360\072\174\252\213\344\147\225\061\215\002\003\001  
\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026  
\004\024\316\303\112\271\231\125\362\270\333\140\277\251\176\275  
\126\265\227\066\247\326\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\312\245\125\214\343\310  
\101\156\151\047\247\165\021\357\074\206\066\157\322\235\306\170  
\070\035\151\226\242\222\151\056\070\154\233\175\004\324\211\245  
\261\061\067\212\311\041\314\253\154\315\213\034\232\326\277\110  
\322\062\146\301\212\300\363\057\072\357\300\343\324\221\206\321  
\120\343\003\333\163\167\157\112\071\123\355\336\046\307\265\175  
\257\053\102\321\165\142\343\112\053\002\307\120\113\340\151\342  
\226\154\016\104\146\020\104\217\255\005\353\370\171\254\246\033  
\350\067\064\235\123\311\141\252\242\122\257\112\160\026\206\302  
\072\310\261\023\160\066\330\317\356\364\012\064\325\133\114\375  
\007\234\242\272\331\001\162\134\363\115\301\335\016\261\034\015  
\304\143\276\255\364\024\373\211\354\242\101\016\114\314\310\127  
\100\320\156\003\252\315\014\216\211\231\231\154\360\074\060\257  
\070\337\157\274\243\276\051\040\047\253\164\377\023\042\170\336  
\227\122\125\036\203\265\124\040\003\356\256\300\117\126\336\067  
\314\303\177\252\004\047\273\323\167\270\142\333\027\174\234\050  
\042\023\163\154\317\046\365\212\051\347

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Assured ID Root G2"

# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

```
# Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b
# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85
# Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\241\113\110\331\103\356\012\016\100\220\117\074\340\244\300\221
\223\121\135\077
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\222\070\271\370\143\044\202\145\054\127\063\346\376\201\217\235
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232
\364\113
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Assured ID Root G3"
#
# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2
# Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\106\060\202\001\315\240\003\002\001\002\002\020\013
\241\132\372\035\337\240\265\111\104\257\315\044\240\154\354\060
\012\006\010\052\206\110\316\075\004\003\003\060\145\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056
\144\151\147\151\143\145\162\164\056\143\157\155\061\044\060\042
\006\003\125\004\003\023\033\104\151\147\151\103\145\162\164\040
\101\163\163\165\162\145\144\040\111\104\040\122\157\157\164\040
\107\063\060\036\027\015\061\063\060\070\060\061\061\062\060\060
\060\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060
\060\132\060\145\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151
\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004
\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056
\143\157\155\061\044\060\042\006\003\125\004\003\023\033\104\151
\147\151\103\145\162\164\040\101\163\163\165\162\145\144\040\111
\104\040\122\157\157\164\040\107\063\060\166\060\020\006\007\052
```

```
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\031\347\274\254\104\145\355\315\270\077\130\373\215\261\127
\251\104\055\005\025\362\357\013\377\020\164\237\265\142\122\137
\146\176\037\345\334\033\105\171\013\314\306\123\012\235\215\135
\002\331\251\131\336\002\132\366\225\052\016\215\070\112\212\111
\306\274\306\003\070\007\137\125\332\176\011\156\342\177\136\320
\105\040\017\131\166\020\326\240\044\360\055\336\066\362\154\051
\071\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026\004
\024\313\320\275\251\341\230\005\121\241\115\067\242\203\171\316
\215\035\052\344\204\060\012\006\010\052\206\110\316\075\004\003
\003\003\147\000\060\144\002\060\045\244\201\105\002\153\022\113
\165\164\117\310\043\343\160\362\165\162\336\174\211\360\317\221
\162\141\236\136\020\222\131\126\271\203\307\020\347\070\351\130
\046\066\175\325\344\064\206\071\002\060\174\066\123\360\060\345
\142\143\072\231\342\266\243\073\233\064\372\036\332\020\222\161
\136\221\023\247\335\244\156\222\314\062\326\365\041\146\307\057
\352\226\143\152\145\105\222\225\001\264
```

END

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

```
# Trust for "DigiCert Assured ID Root G3"
```

```
# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec
```

```
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Not Valid Before: Thu Aug 01 12:00:00 2013
```

```
# Not Valid After : Fri Jan 15 12:00:00 2038
```

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

```
7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2
```

```
# Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Assured ID Root G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\365\027\242\117\232\110\306\311\370\242\000\046\237\334\017\110
\054\253\060\211
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\174\177\145\061\014\201\337\215\272\076\231\342\134\255\156\373
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
```

```
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert Global Root G2"

#

# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5

# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F

# Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Global Root G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011  
\372\345

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\216\060\202\002\166\240\003\002\001\002\002\020\003  
\072\361\346\247\021\251\240\273\050\144\261\035\011\372\345\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\141  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145  
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107  
\062\060\036\027\015\061\063\060\070\060\061\061\062\060\060\060  
\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060\060  
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103  
\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013  
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143  
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147  
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157  
\164\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\273\067\315\064\334\173\153\311\262\150\220  
\255\112\165\377\106\272\041\012\010\215\365\031\124\311\373\210  
\333\363\256\362\072\211\221\074\172\346\253\006\032\153\317\254  
\055\350\136\011\044\104\272\142\232\176\326\243\250\176\340\124  
\165\040\005\254\120\267\234\143\032\154\060\334\332\037\031\261  
\327\036\336\375\327\340\313\224\203\067\256\354\037\103\116\335  
\173\054\322\275\056\245\057\344\251\270\255\072\324\231\244\266  
\045\351\233\153\000\140\222\140\377\117\041\111\030\367\147\220  
\253\141\006\234\217\362\272\351\264\351\222\062\153\265\363\127  
\350\135\033\315\214\035\253\225\004\225\111\363\065\055\226\343  
\111\155\335\167\343\373\111\113\264\254\125\007\251\217\225\263  
\264\043\273\114\155\105\360\366\251\262\225\060\264\375\114\125  
\214\047\112\127\024\174\202\235\315\163\222\323\026\112\006\014  
\214\120\321\217\036\011\276\027\241\346\041\312\375\203\345\020  
\274\203\245\012\304\147\050\366\163\024\024\075\106\166\303\207  
\024\211\041\064\115\257\017\105\014\246\111\241\272\273\234\305  
\261\063\203\051\205\002\003\001\000\001\243\102\060\100\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060  
\035\006\003\125\035\016\004\026\004\024\116\042\124\040\030\225  
\346\343\156\346\017\372\372\271\022\355\006\027\217\071\060\015

```
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001
\001\000\140\147\050\224\157\016\110\143\353\061\335\352\147\030
\325\211\175\074\305\213\112\177\351\276\333\053\027\337\260\137
\163\167\052\062\023\071\201\147\102\204\043\362\105\147\065\354
\210\277\370\217\260\141\014\064\244\256\040\114\204\306\333\370
\065\341\166\331\337\246\102\273\307\104\010\206\177\066\164\044
\132\332\154\015\024\131\065\275\362\111\335\266\037\311\263\015
\107\052\075\231\057\273\134\273\265\324\040\341\231\137\123\106
\025\333\150\233\360\363\060\325\076\061\342\215\204\236\343\212
\332\332\226\076\065\023\245\137\360\371\160\120\160\107\101\021
\127\031\116\300\217\256\006\304\225\023\027\057\033\045\237\165
\362\261\216\231\241\157\023\261\101\161\376\210\052\310\117\020
\040\125\327\363\024\105\345\340\104\364\352\207\225\062\223\016
\376\123\106\372\054\235\377\213\042\271\113\331\011\105\244\336
\244\270\232\130\335\033\175\122\237\216\131\103\210\201\244\236
\046\325\157\255\335\015\306\067\175\355\003\222\033\345\167\137
\166\356\074\215\304\135\126\133\242\331\146\156\263\065\067\345
\062\266
```

END

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

```
# Trust for "DigiCert Global Root G2"
```

```
# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5
```

```
# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Not Valid Before: Thu Aug 01 12:00:00 2013
```

```
# Not Valid After : Fri Jan 15 12:00:00 2038
```

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

```
CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F
```

```
# Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Global Root G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\337\074\044\371\277\326\146\166\033\046\200\163\376\006\321\314
\215\117\202\244
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\344\246\212\310\124\254\122\102\106\012\375\162\110\033\052\104
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
```

```
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011
\372\345
```

END

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

#

# Certificate "DigiCert Global Root G3"

#

# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72

# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0

# Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Global Root G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

```
\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\077\060\202\001\305\240\003\002\001\002\002\020\005
\125\126\274\362\136\244\065\065\303\244\017\325\253\105\162\060
\012\006\010\052\206\110\316\075\004\003\003\060\141\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056
\144\151\147\151\143\145\162\164\056\143\157\155\061\040\060\036
\006\003\125\004\003\023\027\104\151\147\151\103\145\162\164\040
\107\154\157\142\141\154\040\122\157\157\164\040\107\063\060\036
\027\015\061\063\060\070\060\061\061\062\060\060\060\060\132\027
\015\063\070\060\061\061\065\061\062\060\060\060\060\132\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107
\063\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\335\247\331\273\212\270\013
\373\013\177\041\322\360\276\276\163\363\063\135\032\274\064\352
\336\306\233\274\320\225\366\360\314\320\013\272\141\133\121\106
\176\236\055\237\356\216\143\014\027\354\007\160\365\317\204\056
\100\203\234\350\077\101\155\073\255\323\244\024\131\066\170\235
\003\103\356\020\023\154\162\336\256\210\247\241\153\265\103\316
\147\334\043\377\003\034\243\342\076\243\102\060\100\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\035
\006\003\125\035\016\004\026\004\024\263\333\110\244\371\241\305
\330\256\066\101\314\021\143\151\142\051\274\113\306\060\012\006
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061
\000\255\274\362\154\077\022\112\321\055\071\303\012\011\227\163
\364\210\066\214\210\047\273\346\210\215\120\205\247\143\371\236
\062\336\146\223\017\361\314\261\011\217\335\154\253\372\153\177
\240\002\060\071\146\133\302\144\215\270\236\120\334\250\325\111
\242\355\307\334\321\111\177\027\001\270\310\206\217\116\214\210
\053\250\232\251\212\305\321\000\275\370\124\342\232\345\133\174
\263\047\027
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```

# Trust for "DigiCert Global Root G3"
# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72
# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0
# Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\176\004\336\211\152\076\146\155\000\346\207\323\077\372\331\073
\350\075\064\236
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\365\135\244\120\245\373\050\176\036\017\015\314\226\127\126\312
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Trusted Root G4"
#
# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c
# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038

```

```
# Fingerprint (SHA-256):
55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88
# Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Trusted Root G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\220\060\202\003\170\240\003\002\001\002\002\020\005
\233\033\127\236\216\041\062\342\071\007\275\247\167\165\134\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\142
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\041\060\037\006\003\125\004\003\023\030\104\151\147\151\103\145
\162\164\040\124\162\165\163\164\145\144\040\122\157\157\164\040
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CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Trusted Root G4"

# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c

# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88

# Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Trusted Root G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\335\373\026\315\111\061\311\163\242\003\175\077\310\072\115\175

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\167\135\005\344
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
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\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
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CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO RSA Certification Authority"
#
# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d
# Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Tue Jan 19 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34
# Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO RSA Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
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\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
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END

CKA\_ID UTF8 "0"

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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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\274\214\357\027\337\267\111\013\321\362\156\060\013\032\016\116
\166\355\021\374\365\351\126\262\175\277\307\155\012\223\214\245
\320\300\266\035\276\072\116\224\242\327\156\154\013\302\212\174
\372\040\363\304\344\345\315\015\250\313\221\222\261\174\205\354
\265\024\151\146\016\202\347\315\316\310\055\246\121\177\041\301
\065\123\205\006\112\135\237\255\273\033\137\164
```

END

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

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

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

```
# Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d
```

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

```
# Not Valid Before: Tue Jan 19 00:00:00 2010
```

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

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

```
52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34
```

```
# Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "COMODO RSA Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\257\345\322\104\250\321\031\102\060\377\107\237\342\370\227\273
\315\172\214\264
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\033\061\260\161\100\066\314\024\066\221\255\304\076\375\354\030
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003
\206\235
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "USERTrust RSA Certification Authority"

#

# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d

# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Not Valid Before: Mon Feb 01 00:00:00 2010

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

# Fingerprint (SHA-256):

E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2

# Fingerprint (SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "USERTrust RSA Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
```

\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112  
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013  
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006  
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122  
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065  
\003\055

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\336\060\202\003\306\240\003\002\001\002\002\020\001  
\375\155\060\374\243\312\121\250\033\274\144\016\065\003\055\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201  
\210\061\013\060\011\006\003\125\004\006\023\002\125\123\061\023  
\060\021\006\003\125\004\010\023\012\116\145\167\040\112\145\162  
\163\145\171\061\024\060\022\006\003\125\004\007\023\013\112\145  
\162\163\145\171\040\103\151\164\171\061\036\060\034\006\003\125  
\004\012\023\025\124\150\145\040\125\123\105\122\124\122\125\123  
\124\040\116\145\164\167\157\162\153\061\056\060\054\006\003\125  
\004\003\023\045\125\123\105\122\124\162\165\163\164\040\122\123  
\101\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\060\036\027\015\061\060\060  
\062\060\061\060\060\060\060\060\060\132\027\015\063\070\060\061  
\061\070\062\063\065\071\065\071\132\060\201\210\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125  
\004\010\023\012\116\145\167\040\112\145\162\163\145\171\061\024  
\060\022\006\003\125\004\007\023\013\112\145\162\163\145\171\040  
\103\151\164\171\061\036\060\034\006\003\125\004\012\023\025\124  
\150\145\040\125\123\105\122\124\122\125\123\124\040\116\145\164  
\167\157\162\153\061\056\060\054\006\003\125\004\003\023\045\125  
\123\105\122\124\162\165\163\164\040\122\123\101\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\200\022\145\027\066\016\303\333\010\263\320  
\254\127\015\166\355\315\047\323\114\255\120\203\141\342\252\040  
\115\011\055\144\011\334\316\211\237\314\075\251\354\366\317\301  
\334\361\323\261\326\173\067\050\021\053\107\332\071\306\274\072  
\031\264\137\246\275\175\235\243\143\102\266\166\362\251\073\053

\221\370\342\157\320\354\026\040\220\011\076\342\350\164\311\030  
\264\221\324\142\144\333\177\243\006\361\210\030\152\220\042\074  
\274\376\023\360\207\024\173\366\344\037\216\324\344\121\306\021  
\147\106\010\121\313\206\024\124\077\274\063\376\176\154\234\377  
\026\235\030\275\121\216\065\246\247\146\310\162\147\333\041\146  
\261\324\233\170\003\300\120\072\350\314\360\334\274\236\114\376  
\257\005\226\065\037\127\132\267\377\316\371\075\267\054\266\366  
\124\335\310\347\022\072\115\256\114\212\267\134\232\264\267\040  
\075\312\177\042\064\256\176\073\150\146\001\104\347\001\116\106  
\123\233\063\140\367\224\276\123\067\220\163\103\363\062\303\123  
\357\333\252\376\164\116\151\307\153\214\140\223\336\304\307\014  
\337\341\062\256\314\223\073\121\170\225\147\213\356\075\126\376  
\014\320\151\017\033\017\363\045\046\153\063\155\367\156\107\372  
\163\103\345\176\016\245\146\261\051\174\062\204\143\125\211\304  
\015\301\223\124\060\031\023\254\323\175\067\247\353\135\072\154  
\065\134\333\101\327\022\332\251\111\013\337\330\200\212\011\223  
\142\216\265\146\317\045\210\315\204\270\261\077\244\071\017\331  
\002\236\353\022\114\225\174\363\153\005\251\136\026\203\314\270  
\147\342\350\023\235\314\133\202\323\114\263\355\133\377\336\345  
\163\254\043\073\055\000\277\065\125\164\011\111\330\111\130\032  
\177\222\066\346\121\222\016\363\046\175\034\115\027\274\311\354  
\103\046\320\277\101\137\100\251\104\104\364\231\347\127\207\236  
\120\037\127\124\250\076\375\164\143\057\261\120\145\011\346\130  
\102\056\103\032\114\264\360\045\107\131\372\004\036\223\324\046  
\106\112\120\201\262\336\276\170\267\374\147\025\341\311\127\204  
\036\017\143\326\351\142\272\326\137\125\056\352\134\306\050\010  
\004\045\071\270\016\053\251\362\114\227\034\007\077\015\122\365  
\355\357\057\202\017\002\003\001\000\001\243\102\060\100\060\035  
\006\003\125\035\016\004\026\004\024\123\171\277\132\252\053\112  
\317\124\200\341\330\233\300\235\362\262\003\146\313\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015  
\006\011\052\206\110\206\367\015\001\001\014\005\000\003\202\002  
\001\000\134\324\174\015\317\367\001\175\101\231\145\014\163\305  
\122\237\313\370\317\231\006\177\033\332\103\025\237\236\002\125  
\127\226\024\361\122\074\047\207\224\050\355\037\072\001\067\242  
\166\374\123\120\300\204\233\306\153\116\272\214\041\117\242\216  
\125\142\221\363\151\025\330\274\210\343\304\252\013\375\357\250  
\351\113\125\052\006\040\155\125\170\051\031\356\137\060\134\113  
\044\021\125\377\044\232\156\136\052\053\356\013\115\237\177\367  
\001\070\224\024\225\103\007\011\373\140\251\356\034\253\022\214  
\240\232\136\247\230\152\131\155\213\077\010\373\310\321\105\257  
\030\025\144\220\022\017\163\050\056\305\342\044\116\374\130\354  
\360\364\105\376\042\263\353\057\216\322\331\105\141\005\301\227  
\157\250\166\162\217\213\214\066\257\277\015\005\316\161\215\346  
\246\157\037\154\246\161\142\305\330\320\203\162\014\361\147\021  
\211\014\234\023\114\162\064\337\274\325\161\337\252\161\335\341  
\271\154\214\074\022\135\145\332\275\127\022\266\103\153\377\345

```
\336\115\146\021\121\317\231\256\354\027\266\350\161\221\214\336
\111\376\335\065\161\242\025\047\224\034\317\141\343\046\273\157
\243\147\045\041\135\346\335\035\013\056\150\033\073\202\257\354
\203\147\205\324\230\121\164\261\271\231\200\211\377\177\170\031
\134\171\112\140\056\222\100\256\114\067\052\054\311\307\142\310
\016\135\367\066\133\312\340\045\045\001\264\335\032\007\234\167
\000\077\320\334\325\354\075\324\372\273\077\314\205\326\157\177
\251\055\337\271\002\367\365\227\232\265\065\332\303\147\260\207
\112\251\050\236\043\216\377\134\047\153\341\260\117\363\007\356
\000\056\324\131\207\313\122\101\225\352\364\107\327\356\144\101
\125\174\215\131\002\225\335\142\235\302\271\356\132\050\164\204
\245\233\267\220\307\014\007\337\365\211\066\164\062\326\050\301
\260\260\013\340\234\114\303\034\326\374\343\151\265\107\106\201
\057\242\202\253\323\143\104\160\304\215\377\055\063\272\255\217
\173\265\160\210\256\076\031\317\100\050\330\374\310\220\273\135
\231\042\365\122\346\130\305\037\210\061\103\356\210\035\327\306
\216\074\103\152\035\247\030\336\175\075\026\361\142\371\312\220
\250\375
```

END

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

```
# Trust for "USERTrust RSA Certification Authority"
```

```
# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
```

```
# Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d
```

```
# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
```

```
# Not Valid Before: Mon Feb 01 00:00:00 2010
```

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

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

```
E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2
```

```
# Fingerprint (SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "USERTrust RSA Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\053\217\033\127\063\015\273\242\320\172\154\121\367\016\351\015
\332\271\255\216
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\033\376\151\321\221\267\031\063\243\162\250\017\341\125\345\265
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
```

```
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065
\003\055
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "USERTrust ECC Certification Authority"

#

# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26

# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Not Valid Before: Mon Feb 01 00:00:00 2010

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

# Fingerprint (SHA-256):

4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A

# Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "USERTrust ECC Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112  
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013  
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006  
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122  
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200  
\314\046

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\217\060\202\002\025\240\003\002\001\002\002\020\134  
\213\231\305\132\224\305\322\161\126\336\315\211\200\314\046\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\210\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\023\060\021\006  
\003\125\004\010\023\012\116\145\167\040\112\145\162\163\145\171  
\061\024\060\022\006\003\125\004\007\023\013\112\145\162\163\145  
\171\040\103\151\164\171\061\036\060\034\006\003\125\004\012\023  
\025\124\150\145\040\125\123\105\122\124\122\125\123\124\040\116  
\145\164\167\157\162\153\061\056\060\054\006\003\125\004\003\023  
\045\125\123\105\122\124\162\165\163\164\040\105\103\103\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\060\036\027\015\061\060\060\062\060\061  
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062  
\063\065\071\065\071\132\060\201\210\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\023\060\021\006\003\125\004\010\023  
\012\116\145\167\040\112\145\162\163\145\171\061\024\060\022\006  
\003\125\004\007\023\013\112\145\162\163\145\171\040\103\151\164  
\171\061\036\060\034\006\003\125\004\012\023\025\124\150\145\040  
\125\123\105\122\124\122\125\123\124\040\116\145\164\167\157\162  
\153\061\056\060\054\006\003\125\004\003\023\045\125\123\105\122  
\124\162\165\163\164\040\105\103\103\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\032\254\124\132\251\371\150  
\043\347\172\325\044\157\123\306\132\330\113\253\306\325\266\321  
\346\163\161\256\335\234\326\014\141\375\333\240\211\003\270\005  
\024\354\127\316\356\135\077\342\041\263\316\367\324\212\171\340  
\243\203\176\055\227\320\141\304\361\231\334\045\221\143\253\177  
\060\243\264\160\342\307\241\063\234\363\277\056\134\123\261\137  
\263\175\062\177\212\064\343\171\171\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\072\341\011\206\324\317\031\302

```
\226\166\164\111\166\334\340\065\306\143\143\232\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\012\006
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\060
\066\147\241\026\010\334\344\227\000\101\035\116\276\341\143\001
\317\073\252\102\021\144\240\235\224\071\002\021\171\134\173\035
\372\144\271\356\026\102\263\277\212\302\011\304\354\344\261\115
\002\061\000\351\052\141\107\214\122\112\113\116\030\160\366\326
\104\326\156\365\203\272\155\130\275\044\331\126\110\352\357\304
\242\106\201\210\152\072\106\321\251\233\115\311\141\332\321\135
\127\152\030
```

END

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

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

```
# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
```

```
# Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26
```

```
# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
```

```
# Not Valid Before: Mon Feb 01 00:00:00 2010
```

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

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

```
4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A
```

```
# Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\321\313\312\135\262\325\052\177\151\073\147\115\345\360\132\035
\014\225\175\360
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\372\150\274\331\265\177\255\375\311\035\006\203\050\314\044\301
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
```

```

\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200
\314\046
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign ECC Root CA - R5"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24
# Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154

```

END

CKA\_VALUE MULTILINE\_OCTAL

```
\060\202\002\036\060\202\001\244\240\003\002\001\002\002\021\140
\131\111\340\046\056\273\125\371\012\167\212\161\371\112\330\154
\060\012\006\010\052\206\110\316\075\004\003\003\060\120\061\044
\060\042\006\003\125\004\013\023\033\107\154\157\142\141\154\123
\151\147\156\040\105\103\103\040\122\157\157\164\040\103\101\040
\055\040\122\065\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156\060\036
\027\015\061\062\061\061\061\063\060\060\060\060\060\132\027
\015\063\070\060\061\061\071\060\063\061\064\060\067\132\060\120
\061\044\060\042\006\003\125\004\013\023\033\107\154\157\142\141
\154\123\151\147\156\040\105\103\103\040\122\157\157\164\040\103
\101\040\055\040\122\065\061\023\060\021\006\003\125\004\012\023
\012\107\154\157\142\141\154\123\151\147\156\061\023\060\021\006
\003\125\004\003\023\012\107\154\157\142\141\154\123\151\147\156
\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053
\201\004\000\042\003\142\000\004\107\105\016\226\373\175\135\277
\351\071\321\041\370\237\013\266\325\173\036\222\072\110\131\034
\360\142\061\055\300\172\050\376\032\247\134\263\266\314\227\347
\105\324\130\372\321\167\155\103\242\300\207\145\064\012\037\172
\335\353\074\063\241\305\235\115\244\157\101\225\070\177\311\036
\204\353\321\236\111\222\207\224\207\014\072\205\112\146\237\235
\131\223\115\227\141\006\206\112\243\102\060\100\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006
\003\125\035\016\004\026\004\024\075\346\051\110\233\352\007\312
\041\104\112\046\336\156\336\322\203\320\237\131\060\012\006\010
\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061\000
\345\151\022\311\156\333\306\061\272\011\101\341\227\370\373\375
\232\342\175\022\311\355\174\144\323\313\005\045\213\126\331\240
\347\136\135\116\013\203\234\133\166\051\240\011\046\041\152\142
\002\060\161\322\265\217\134\352\073\341\170\011\205\250\165\222
\073\310\134\375\110\357\015\164\042\250\010\342\156\305\111\316
\307\014\274\247\141\151\361\367\073\341\052\313\371\053\363\146
\220\067
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign ECC Root CA - R5"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

# Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

# Not Valid Before: Tue Nov 13 00:00:00 2012

# Not Valid After : Tue Jan 19 03:14:07 2038

```

# Fingerprint (SHA-256):
17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24
# Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\037\044\306\060\315\244\030\357\040\151\377\255\117\335\137\106
\072\033\151\252
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\237\255\073\034\002\036\212\272\027\164\070\201\014\242\274\010
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der Nederlanden Root CA - G3"
#
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Serial Number: 10003001 (0x98a239)
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Not Valid Before: Thu Nov 14 11:28:42 2013
# Not Valid After : Mon Nov 13 23:00:00 2028
# Fingerprint (SHA-256):
3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28
# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061  
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061  
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040  
\122\157\157\164\040\103\101\040\055\040\107\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061  
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061  
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040  
\122\157\157\164\040\103\101\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\000\230\242\071

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\164\060\202\003\134\240\003\002\001\002\002\004\000  
\230\242\071\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\116  
\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141  
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145  
\156\061\053\060\051\006\003\125\004\003\014\042\123\164\141\141  
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145  
\156\040\122\157\157\164\040\103\101\040\055\040\107\063\060\036  
\027\015\061\063\061\061\061\064\061\061\062\070\064\062\132\027  
\015\062\070\061\061\061\063\062\063\060\060\060\060\132\060\132  
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\036\060  
\034\006\003\125\004\012\014\025\123\164\141\141\164\040\144\145  
\162\040\116\145\144\145\162\154\141\156\144\145\156\061\053\060  
\051\006\003\125\004\003\014\042\123\164\141\141\164\040\144\145  
\162\040\116\145\144\145\162\154\141\156\144\145\156\040\122\157  
\157\164\040\103\101\040\055\040\107\063\060\202\002\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002  
\017\000\060\202\002\012\002\202\002\001\000\276\062\242\124\017  
\160\373\054\134\131\353\154\304\244\121\350\205\052\263\314\112  
\064\362\260\137\363\016\307\034\075\123\036\210\010\150\330\157  
\075\255\302\236\314\202\147\007\047\207\150\161\072\237\165\226  
\042\106\005\260\355\255\307\133\236\052\336\234\374\072\306\225  
\247\365\027\147\030\347\057\111\010\014\134\317\346\314\064\355  
\170\373\120\261\334\153\062\360\242\376\266\074\344\354\132\227  
\307\077\036\160\010\060\240\334\305\263\155\157\320\202\162\021  
\253\322\201\150\131\202\027\267\170\222\140\372\314\336\077\204

\353\215\070\063\220\012\162\043\372\065\314\046\161\061\321\162  
\050\222\331\133\043\155\146\265\155\007\102\353\246\063\316\222  
\333\300\366\154\143\170\315\312\116\075\265\345\122\233\361\276  
\073\346\124\140\260\146\036\011\253\007\376\124\211\021\102\321  
\367\044\272\140\170\032\230\367\311\021\375\026\301\065\032\124  
\165\357\103\323\345\256\116\316\347\173\303\306\116\141\121\113  
\253\232\105\113\241\037\101\275\110\123\025\161\144\013\206\263  
\345\056\276\316\244\033\301\051\204\242\265\313\010\043\166\103  
\042\044\037\027\004\324\156\234\306\374\177\053\146\032\354\212  
\345\326\317\115\365\143\011\267\025\071\326\173\254\353\343\174  
\351\116\374\165\102\310\355\130\225\014\006\102\242\234\367\344  
\160\263\337\162\157\132\067\100\211\330\205\244\327\361\013\336  
\103\031\324\112\130\054\214\212\071\236\277\204\207\361\026\073  
\066\014\351\323\264\312\154\031\101\122\011\241\035\260\152\277  
\202\357\160\121\041\062\334\005\166\214\313\367\144\344\003\120  
\257\214\221\147\253\305\362\356\130\330\336\276\367\347\061\317  
\154\311\073\161\301\325\210\265\145\274\300\350\027\027\007\022  
\265\134\322\253\040\223\264\346\202\203\160\066\305\315\243\215  
\255\213\354\243\301\103\207\346\103\342\064\276\225\213\065\355  
\007\071\332\250\035\172\237\066\236\022\260\014\145\022\220\025  
\140\331\046\100\104\343\126\140\245\020\324\152\074\375\101\334  
\016\132\107\266\357\227\141\165\117\331\376\307\262\035\324\355  
\135\111\263\251\152\313\146\204\023\325\134\240\334\337\156\167  
\006\321\161\165\310\127\157\257\017\167\133\002\003\001\000\001  
\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024  
\124\255\372\307\222\127\256\312\065\234\056\022\373\344\272\135  
\040\334\224\127\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\002\001\000\060\231\235\005\062\310\136\016  
\073\230\001\072\212\244\347\007\367\172\370\347\232\337\120\103  
\123\227\052\075\312\074\107\230\056\341\025\173\361\222\363\141  
\332\220\045\026\145\300\237\124\135\016\003\073\133\167\002\234  
\204\266\015\230\137\064\335\073\143\302\303\050\201\302\234\051  
\056\051\342\310\303\001\362\063\352\052\252\314\011\010\367\145  
\147\306\315\337\323\266\053\247\275\314\321\016\160\137\270\043  
\321\313\221\116\012\364\310\172\345\331\143\066\301\324\337\374  
\042\227\367\140\135\352\051\057\130\262\275\130\275\215\226\117  
\020\165\277\110\173\075\121\207\241\074\164\042\302\374\007\177  
\200\334\304\254\376\152\301\160\060\260\351\216\151\342\054\151  
\201\224\011\272\335\376\115\300\203\214\224\130\300\106\040\257  
\234\037\002\370\065\125\111\057\106\324\300\360\240\226\002\017  
\063\305\161\363\236\043\175\224\267\375\072\323\011\203\006\041  
\375\140\075\256\062\300\322\356\215\246\360\347\264\202\174\012  
\314\160\311\171\200\370\376\114\367\065\204\031\212\061\373\012  
\331\327\177\233\360\242\232\153\303\005\112\355\101\140\024\060  
\321\252\021\102\156\323\043\002\004\013\306\145\335\335\122\167  
\332\201\153\262\250\372\001\070\271\226\352\052\154\147\227\211

```
\224\236\274\341\124\325\344\152\170\357\112\275\053\232\075\100
\176\306\300\165\322\156\373\150\060\354\354\213\235\371\111\065
\232\032\054\331\263\225\071\325\036\222\367\246\271\145\057\345
\075\155\072\110\114\010\334\344\050\022\050\276\175\065\134\352
\340\026\176\023\033\152\327\076\327\236\374\055\165\262\301\024
\325\043\003\333\133\157\013\076\170\057\015\336\063\215\026\267
\110\347\203\232\201\017\173\301\103\115\125\004\027\070\112\121
\325\131\242\211\164\323\237\276\036\113\327\306\155\267\210\044
\157\140\221\244\202\205\133\126\101\274\320\104\253\152\023\276
\321\054\130\267\022\063\130\262\067\143\334\023\365\224\035\077
\100\121\365\117\365\072\355\310\305\353\302\036\035\026\225\172
\307\176\102\161\223\156\113\025\267\060\337\252\355\127\205\110
\254\035\152\335\071\151\344\341\171\170\276\316\005\277\241\014
\367\200\173\041\147\047\060\131
```

END

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

```
# Trust for "Staat der Nederlanden Root CA - G3"
```

```
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
```

```
# Serial Number: 10003001 (0x98a239)
```

```
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
```

```
# Not Valid Before: Thu Nov 14 11:28:42 2013
```

```
# Not Valid After : Mon Nov 13 23:00:00 2028
```

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

```
3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28
```

```
# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\330\353\153\101\121\222\131\340\363\347\205\000\300\075\266\210
\227\311\356\374
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\013\106\147\007\333\020\057\031\214\065\120\140\321\013\364\067
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\242\071
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der Nederlanden EV Root CA"
#
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A
# Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\215
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\160\060\202\003\130\240\003\002\001\002\002\004\000
\230\226\215\060\015\006\011\052\206\110\206\367\015\001\001\013

```

\005\000\060\130\061\013\060\011\006\003\125\004\006\023\002\116  
\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141  
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145  
\156\061\051\060\047\006\003\125\004\003\014\040\123\164\141\141  
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145  
\156\040\105\126\040\122\157\157\164\040\103\101\060\036\027\015  
\061\060\061\062\060\070\061\061\061\071\062\071\132\027\015\062  
\062\061\062\060\070\061\061\061\060\062\070\132\060\130\061\013  
\060\011\006\003\125\004\006\023\002\116\114\061\036\060\034\006  
\003\125\004\012\014\025\123\164\141\141\164\040\144\145\162\040  
\116\145\144\145\162\154\141\156\144\145\156\061\051\060\047\006  
\003\125\004\003\014\040\123\164\141\141\164\040\144\145\162\040  
\116\145\144\145\162\154\141\156\144\145\156\040\105\126\040\122  
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\343\307\176\211\371\044\113\072\322  
\063\203\065\054\151\354\334\011\244\343\121\250\045\053\171\270  
\010\075\340\221\272\204\205\306\205\244\312\346\311\056\123\244  
\311\044\036\375\125\146\161\135\054\305\140\150\004\267\331\302  
\122\046\070\210\244\326\073\100\246\302\315\077\315\230\223\263  
\124\024\130\226\125\325\120\376\206\255\244\143\177\134\207\366  
\216\346\047\222\147\027\222\002\003\054\334\326\146\164\355\335  
\147\377\301\141\215\143\117\017\233\155\027\060\046\357\253\322  
\037\020\240\371\305\177\026\151\201\003\107\355\036\150\215\162  
\241\115\262\046\306\272\154\137\155\326\257\321\261\023\216\251  
\255\363\136\151\165\046\030\076\101\053\041\177\356\213\135\007  
\006\235\103\304\051\012\053\374\052\076\206\313\074\203\072\371  
\311\015\332\305\231\342\274\170\101\063\166\341\277\057\135\345  
\244\230\120\014\025\335\340\372\234\177\070\150\320\262\246\172  
\247\321\061\275\176\212\130\047\103\263\272\063\221\323\247\230  
\025\134\232\346\323\017\165\331\374\101\230\227\076\252\045\333  
\217\222\056\260\173\014\137\361\143\251\067\371\233\165\151\114  
\050\046\045\332\325\362\022\160\105\125\343\337\163\136\067\365  
\041\154\220\216\065\132\311\323\043\353\323\300\276\170\254\102  
\050\130\146\245\106\155\160\002\327\020\371\113\124\374\135\206  
\112\207\317\177\312\105\254\021\132\265\040\121\215\057\210\107  
\227\071\300\317\272\300\102\001\100\231\110\041\013\153\247\322  
\375\226\325\321\276\106\235\111\340\013\246\240\042\116\070\320  
\301\074\060\274\160\217\054\165\314\320\305\214\121\073\075\224  
\010\144\046\141\175\271\303\145\217\024\234\041\320\252\375\027  
\162\003\217\275\233\214\346\136\123\236\271\235\357\202\273\341  
\274\342\162\101\133\041\224\323\105\067\224\321\337\011\071\135  
\347\043\252\232\035\312\155\250\012\206\205\212\202\276\102\007  
\326\362\070\202\163\332\207\133\345\074\323\236\076\247\073\236  
\364\003\263\371\361\175\023\164\002\377\273\241\345\372\000\171  
\034\246\146\101\210\134\140\127\246\056\011\304\272\375\232\317  
\247\037\100\303\273\314\132\012\125\113\073\070\166\121\270\143  
\213\204\224\026\346\126\363\002\003\001\000\001\243\102\060\100

\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\376\253\000\220  
\230\236\044\374\251\314\032\212\373\047\270\277\060\156\250\073  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\317\167\054\156\126\276\116\263\266\204\000\224  
\253\107\311\015\322\166\307\206\237\035\007\323\266\264\273\010  
\170\257\151\322\013\111\336\063\305\254\255\302\210\002\175\006  
\267\065\002\301\140\311\277\304\350\224\336\324\323\251\023\045  
\132\376\156\242\256\175\005\334\175\363\154\360\176\246\215\356  
\331\327\316\130\027\350\251\051\256\163\110\207\347\233\312\156  
\051\241\144\137\031\023\367\256\006\020\377\121\306\233\115\125  
\045\117\223\231\020\001\123\165\361\023\316\307\246\101\101\322  
\277\210\245\177\105\374\254\270\245\265\063\014\202\304\373\007  
\366\152\345\045\204\137\006\312\301\206\071\021\333\130\315\167  
\073\054\302\114\017\136\232\343\360\253\076\141\033\120\044\302  
\300\364\361\031\360\021\051\266\245\030\002\233\327\143\114\160  
\214\107\243\003\103\134\271\135\106\240\015\157\377\131\216\276  
\335\237\162\303\133\053\337\214\133\316\345\014\106\154\222\262  
\012\243\114\124\102\030\025\022\030\275\332\374\272\164\156\377  
\301\266\240\144\330\251\137\125\256\237\134\152\166\226\330\163  
\147\207\373\115\177\134\356\151\312\163\020\373\212\251\375\236  
\275\066\070\111\111\207\364\016\024\360\351\207\270\077\247\117  
\172\132\216\171\324\223\344\273\150\122\204\254\154\351\363\230  
\160\125\162\062\371\064\253\053\111\265\315\040\142\344\072\172  
\147\143\253\226\334\155\256\227\354\374\237\166\126\210\056\146  
\317\133\266\311\244\260\327\005\272\341\047\057\223\273\046\052  
\242\223\260\033\363\216\276\035\100\243\271\066\217\076\202\032  
\032\136\210\352\120\370\131\342\203\106\051\013\343\104\134\341  
\225\266\151\220\232\024\157\227\256\201\317\150\357\231\232\276  
\265\347\341\177\370\372\023\107\026\114\314\155\010\100\347\213  
\170\157\120\202\104\120\077\146\006\212\253\103\204\126\112\017  
\040\055\206\016\365\322\333\322\172\212\113\315\245\350\116\361  
\136\046\045\001\131\043\240\176\322\366\176\041\127\327\047\274  
\025\127\114\244\106\301\340\203\036\014\114\115\037\117\006\031  
\342\371\250\364\072\202\241\262\171\103\171\326\255\157\172\047  
\220\003\244\352\044\207\077\331\275\331\351\362\137\120\111\034  
\356\354\327\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Staat der Nederlanden EV Root CA"

# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL

# Serial Number: 10000013 (0x98968d)

# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL

# Not Valid Before: Wed Dec 08 11:19:29 2010

```

# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A
# Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\166\342\176\301\117\333\202\301\300\246\165\265\005\276\075\051
\264\355\333\273
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\374\006\257\173\350\032\361\232\264\350\322\160\037\300\365\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\215
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "IdenTrust Commercial Root CA 1"
#
# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02
# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 18:12:23 2014
# Not Valid After : Mon Jan 16 18:12:23 2034
# Fingerprint (SHA-256):
5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE
# Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Commercial Root CA 1"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162  
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144  
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151  
\141\154\040\122\157\157\164\040\103\101\040\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162  
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144  
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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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END

CKA\_VALUE MULTILINE\_OCTAL

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\313\135\371\227\042\115\216\230\346\343\177\366\133\273\256\315
\312\112\201\153\136\013\363\121\341\164\053\351\176\047\247\331
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\153\074\020\203\306\255\336\250\315\026\216\215\360\007\067\161
\237\362\253\374\101\365\301\213\354\000\067\135\011\345\116\200
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\272\204\156\207
```

END

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

```
# Trust for "IdenTrust Commercial Root CA 1"
```

```
# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
```

```
# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02
```

```
# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
```

```
# Not Valid Before: Thu Jan 16 18:12:23 2014
```

```
# Not Valid After : Mon Jan 16 18:12:23 2034
```

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

```
5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE
```

```
# Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "IdenTrust Commercial Root CA 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\337\161\176\252\112\331\116\311\125\204\231\140\055\110\336\137
\274\360\072\045
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\263\076\167\163\165\356\240\323\343\176\111\143\111\131\273\307
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\103\101\040\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000
\000\002
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```

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

#
# Certificate "IdenTrust Public Sector Root CA 1"
#
# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02
# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 17:53:32 2014
# Not Valid After : Mon Jan 16 17:53:32 2034
# Fingerprint (SHA-256):
30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F
# Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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END
CKA_VALUE MULTILINE_OCTAL
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\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\115
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060
\020\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163

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\126\340\067\257\253\064\023\071\045\350\071\146\344\230\172\252  
\022\230\234\131\146\206\076\255\361\260\312\076\006\017\173\360  
\021\113\067\240\104\155\173\313\250\214\161\364\325\265\221\066  
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\361\107\265\175\174\054\004\354\150\235\264\111\104\020\364\162  
\113\034\144\347\374\346\153\220\335\151\175\151\375\000\126\245  
\267\254\266\255\267\312\076\001\357\234

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "IdenTrust Public Sector Root CA 1"

# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US

# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02

# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US

# Not Valid Before: Thu Jan 16 17:53:32 2014

# Not Valid After : Mon Jan 16 17:53:32 2034

# Fingerprint (SHA-256):

30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F

# Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\272\051\101\140\167\230\077\364\363\357\362\061\005\073\056\352
\155\115\105\375
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\006\245\260\374\211\235\272\364\153\214\032\144\315\325\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - G2"
#
# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number: 1246989352 (0x4a538c28)
# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Jul 07 17:25:54 2009
# Not Valid After : Sat Dec 07 17:55:54 2030
# Fingerprint (SHA-256):
43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39
# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060  
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060  
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\112\123\214\050

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\076\060\202\003\046\240\003\002\001\002\002\004\112  
\123\214\050\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\201\276\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164  
\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006\003  
\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156\164  
\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055\164  
\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060\050  
\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164\054  
\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164\150  
\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061  
\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165\163  
\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055

\040\107\062\060\036\027\015\060\071\060\067\060\067\061\067\062  
\065\065\064\132\027\015\063\060\061\062\060\067\061\067\065\065  
\065\064\132\060\201\276\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156  
\164\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006  
\003\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156  
\164\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055  
\164\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060  
\050\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164  
\054\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164  
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171  
\061\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165  
\163\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\272\204\266\162\333\236\014\153\342\231\351  
\060\001\247\166\352\062\270\225\101\032\311\332\141\116\130\162  
\317\376\366\202\171\277\163\141\006\012\245\047\330\263\137\323  
\105\116\034\162\326\116\062\362\162\212\017\367\203\031\320\152  
\200\200\000\105\036\260\307\347\232\277\022\127\047\034\243\150  
\057\012\207\275\152\153\016\136\145\363\034\167\325\324\205\215  
\160\041\264\263\062\347\213\242\325\206\071\002\261\270\322\107  
\316\344\311\111\304\073\247\336\373\124\175\127\276\360\350\156  
\302\171\262\072\013\125\342\120\230\026\062\023\134\057\170\126  
\301\302\224\263\362\132\344\047\232\237\044\327\306\354\320\233  
\045\202\343\314\302\304\105\305\214\227\172\006\153\052\021\237  
\251\012\156\110\073\157\333\324\021\031\102\367\217\007\277\365  
\123\137\234\076\364\027\054\346\151\254\116\062\114\142\167\352  
\267\350\345\273\064\274\031\213\256\234\121\347\267\176\265\123  
\261\063\042\345\155\317\160\074\032\372\342\233\147\266\203\364  
\215\245\257\142\114\115\340\130\254\144\064\022\003\370\266\215  
\224\143\044\244\161\002\003\001\000\001\243\102\060\100\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\035\006\003\125\035\016\004\026\004\024\152\162\046\172\320\036  
\357\175\347\073\151\121\324\154\215\237\220\022\146\253\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\171\237\035\226\306\266\171\077\042\215\207\323\207\003  
\004\140\152\153\232\056\131\211\163\021\254\103\321\365\023\377  
\215\071\053\300\362\275\117\160\214\251\057\352\027\304\013\124  
\236\324\033\226\230\063\074\250\255\142\242\000\166\253\131\151  
\156\006\035\176\304\271\104\215\230\257\022\324\141\333\012\031  
\106\107\363\353\367\143\301\100\005\100\245\322\267\364\265\232  
\066\277\251\210\166\210\004\125\004\053\234\207\177\032\067\074  
\176\055\245\032\330\324\211\136\312\275\254\075\154\330\155\257  
\325\363\166\017\315\073\210\070\042\235\154\223\232\304\075\277  
\202\033\145\077\246\017\135\252\374\345\262\025\312\265\255\306

```
\274\075\320\204\350\352\006\162\260\115\071\062\170\277\076\021
\234\013\244\235\232\041\363\360\233\013\060\170\333\301\334\207
\103\376\274\143\232\312\305\302\034\311\307\215\377\073\022\130
\010\346\266\075\354\172\054\116\373\203\226\316\014\074\151\207
\124\163\244\163\302\223\377\121\020\254\025\124\001\330\374\005
\261\211\241\177\164\203\232\111\327\334\116\173\212\110\157\213
\105\366
```

END

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

# Trust for "Entrust Root Certification Authority - G2"

# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number: 1246989352 (0x4a538c28)

# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Tue Jul 07 17:25:54 2009

# Not Valid After : Sat Dec 07 17:55:54 2030

# Fingerprint (SHA-256):

43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39

# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\214\364\047\375\171\014\072\321\146\006\215\350\036\127\357\273
\223\042\162\324
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\113\342\311\221\226\145\014\364\016\132\223\222\240\012\376\262
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
```

```

\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\112\123\214\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - EC1"
#
# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9
# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Dec 18 15:25:36 2012
# Not Valid After : Fri Dec 18 15:55:36 2037
# Fingerprint (SHA-256):
02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5
# Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - EC1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165

```

\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060  
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105  
\103\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\371\060\202\002\200\240\003\002\001\002\002\015\000  
\246\213\171\051\000\000\000\000\120\320\221\371\060\012\006\010  
\052\206\110\316\075\004\003\003\060\201\277\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004  
\012\023\015\105\156\164\162\165\163\164\054\040\111\156\143\056  
\061\050\060\046\006\003\125\004\013\023\037\123\145\145\040\167  
\167\167\056\145\156\164\162\165\163\164\056\156\145\164\057\154  
\145\147\141\154\055\164\145\162\155\163\061\071\060\067\006\003  
\125\004\013\023\060\050\143\051\040\062\060\061\062\040\105\156  
\164\162\165\163\164\054\040\111\156\143\056\040\055\040\146\157  
\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145  
\040\157\156\154\171\061\063\060\061\006\003\125\004\003\023\052  
\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\055\040\105\103\061\060\036\027\015\061\062  
\061\062\061\070\061\065\062\065\063\066\132\027\015\063\067\061  
\062\061\070\061\065\065\065\063\066\132\060\201\277\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\026\060\024\006\003  
\125\004\012\023\015\105\156\164\162\165\163\164\054\040\111\156  
\143\056\061\050\060\046\006\003\125\004\013\023\037\123\145\145  
\040\167\167\167\056\145\156\164\162\165\163\164\056\156\145\164  
\057\154\145\147\141\154\055\164\145\162\155\163\061\071\060\067  
\006\003\125\004\013\023\060\050\143\051\040\062\060\061\062\040  
\105\156\164\162\165\163\164\054\040\111\156\143\056\040\055\040  
\146\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165  
\163\145\040\157\156\154\171\061\063\060\061\006\003\125\004\003  
\023\052\105\156\164\162\165\163\164\040\122\157\157\164\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\040\055\040\105\103\061\060\166\060\020  
\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042  
\003\142\000\004\204\023\311\320\272\155\101\173\342\154\320\353  
\125\137\146\002\032\044\364\133\211\151\107\343\270\302\175\361

```
\362\002\305\237\240\366\133\325\213\006\031\206\117\123\020\155
\007\044\047\241\240\370\325\107\031\141\114\175\312\223\047\352
\164\014\357\157\226\011\376\143\354\160\135\066\255\147\167\256
\311\235\174\125\104\072\242\143\121\037\365\343\142\324\251\107
\007\076\314\040\243\102\060\100\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\267\143\347\032\335\215\351\010\246\125\203\244
\340\152\120\101\145\021\102\111\060\012\006\010\052\206\110\316
\075\004\003\003\003\147\000\060\144\002\060\141\171\330\345\102
\107\337\034\256\123\231\027\266\157\034\175\341\277\021\224\321
\003\210\165\344\215\211\244\212\167\106\336\155\141\357\002\365
\373\265\337\314\376\116\377\376\251\346\247\002\060\133\231\327
\205\067\006\265\173\010\375\353\047\213\112\224\371\341\372\247
\216\046\010\350\174\222\150\155\163\330\157\046\254\041\002\270
\231\267\046\101\133\045\140\256\320\110\032\356\006
```

END

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

```
# Trust for "Entrust Root Certification Authority - EC1"
```

```
# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
```

```
# Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9
```

```
# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
```

```
# Not Valid Before: Tue Dec 18 15:25:36 2012
```

```
# Not Valid After : Fri Dec 18 15:55:36 2037
```

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

```
02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5
```

```
# Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Entrust Root Certification Authority - EC1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\040\330\006\100\337\233\045\365\022\045\072\021\352\367\131\212
\353\024\265\107
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\266\176\035\360\130\305\111\154\044\073\075\355\230\030\355\274
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
```

```
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "CFCA EV ROOT"

#

# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Serial Number: 407555286 (0x184accd6)

# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Not Valid Before: Wed Aug 08 03:07:01 2012

# Not Valid After : Mon Dec 31 03:07:01 2029

# Fingerprint (SHA-256):

5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD

# Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "CFCA EV ROOT"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
\040\105\126\040\122\117\117\124
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
```

\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101  
\040\105\126\040\122\117\117\124

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\030\112\314\326

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\215\060\202\003\165\240\003\002\001\002\002\004\030  
\112\314\326\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\126\061\013\060\011\006\003\125\004\006\023\002\103  
\116\061\060\060\056\006\003\125\004\012\014\047\103\150\151\156  
\141\040\106\151\156\141\156\143\151\141\154\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\061\025\060\023\006\003\125\004\003\014\014\103\106  
\103\101\040\105\126\040\122\117\117\124\060\036\027\015\061\062  
\060\070\060\070\060\063\060\067\060\061\132\027\015\062\071\061  
\062\063\061\060\063\060\067\060\061\132\060\126\061\013\060\011  
\006\003\125\004\006\023\002\103\116\061\060\060\056\006\003\125  
\004\012\014\047\103\150\151\156\141\040\106\151\156\141\156\143  
\151\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\061\025\060\023\006  
\003\125\004\003\014\014\103\106\103\101\040\105\126\040\122\117  
\117\124\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\327\135\153\315\020\077\037\005\131\325\005\115\067  
\261\016\354\230\053\216\025\035\372\223\113\027\202\041\161\020  
\122\327\121\144\160\026\302\125\151\115\216\025\155\237\277\014  
\033\302\340\243\147\326\014\254\317\042\256\257\167\124\052\113  
\114\212\123\122\172\303\356\056\336\263\161\045\301\351\135\075  
\356\241\057\243\367\052\074\311\043\035\152\253\035\241\247\361  
\363\354\240\325\104\317\025\317\162\057\035\143\227\350\231\371  
\375\223\244\124\200\114\122\324\122\253\056\111\337\220\315\270  
\137\276\077\336\241\312\115\040\324\045\350\204\051\123\267\261  
\210\037\377\372\332\220\237\012\251\055\101\077\261\361\030\051  
\356\026\131\054\064\111\032\250\006\327\250\210\322\003\162\172  
\062\342\352\150\115\156\054\226\145\173\312\131\372\362\342\335  
\356\060\054\373\314\106\254\304\143\353\157\177\066\053\064\163  
\022\224\177\337\314\046\236\361\162\135\120\145\131\217\151\263  
\207\136\062\157\303\030\212\265\225\217\260\172\067\336\132\105  
\073\307\066\341\357\147\321\071\323\227\133\163\142\031\110\055  
\207\034\006\373\164\230\040\111\163\360\005\322\033\261\240\243  
\267\033\160\323\210\151\271\132\326\070\364\142\334\045\213\170  
\277\370\350\176\270\134\311\225\117\137\247\055\271\040\153\317  
\153\335\365\015\364\202\267\364\262\146\056\020\050\366\227\132  
\173\226\026\217\001\031\055\154\156\177\071\130\006\144\203\001  
\203\203\303\115\222\335\062\306\207\244\067\351\026\316\252\055

\150\257\012\201\145\072\160\301\233\255\115\155\124\312\052\055  
\113\205\033\263\200\346\160\105\015\153\136\065\360\177\073\270  
\234\344\004\160\211\022\045\223\332\012\231\042\140\152\143\140  
\116\166\006\230\116\275\203\255\035\130\212\045\205\322\307\145  
\036\055\216\306\337\266\306\341\177\212\004\041\025\051\164\360  
\076\234\220\235\014\056\361\212\076\132\252\014\011\036\307\325  
\074\243\355\227\303\036\064\372\070\371\010\016\343\300\135\053  
\203\321\126\152\311\266\250\124\123\056\170\062\147\075\202\177  
\164\320\373\341\266\005\140\271\160\333\216\013\371\023\130\157  
\161\140\020\122\020\271\301\101\011\357\162\037\147\061\170\377  
\226\005\215\002\003\001\000\001\243\143\060\141\060\037\006\003  
\125\035\043\004\030\060\026\200\024\343\376\055\375\050\320\013  
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\343\376\055\375\050\320\013  
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001  
\000\045\306\272\153\353\207\313\336\202\071\226\075\360\104\247  
\153\204\163\003\336\235\053\117\272\040\177\274\170\262\317\227  
\260\033\234\363\327\171\056\365\110\266\322\373\027\210\346\323  
\172\077\355\123\023\320\342\057\152\171\313\000\043\050\346\036  
\067\127\065\211\204\302\166\117\064\066\255\147\303\316\101\006  
\210\305\367\356\330\032\270\326\013\177\120\377\223\252\027\113  
\214\354\355\122\140\262\244\006\352\116\353\364\153\031\375\353  
\365\032\340\045\052\232\334\307\101\066\367\310\164\005\204\071  
\225\071\326\013\073\244\047\372\010\330\134\036\370\004\140\122  
\021\050\050\003\377\357\123\146\000\245\112\064\026\146\174\375  
\011\244\256\236\147\032\157\101\013\153\006\023\233\217\206\161  
\005\264\057\215\211\146\063\051\166\124\232\021\370\047\372\262  
\077\221\340\316\015\033\363\060\032\255\277\042\135\033\323\277  
\045\005\115\341\222\032\177\231\237\074\104\223\312\324\100\111  
\154\200\207\327\004\072\303\062\122\065\016\126\370\245\335\175  
\304\213\015\021\037\123\313\036\262\027\266\150\167\132\340\324  
\313\310\007\256\365\072\056\216\067\267\320\001\113\103\051\167  
\214\071\227\217\202\132\370\121\345\211\240\030\347\150\177\135  
\012\056\373\243\107\016\075\246\043\172\306\001\307\217\310\136  
\277\155\200\126\276\212\044\272\063\352\237\341\062\021\236\361  
\322\117\200\366\033\100\257\070\236\021\120\171\163\022\022\315  
\346\154\235\054\210\162\074\060\201\006\221\042\352\131\255\332  
\031\056\042\302\215\271\214\207\340\146\274\163\043\137\041\144  
\143\200\110\365\240\074\030\075\224\310\110\101\035\100\272\136  
\376\376\126\071\241\310\317\136\236\031\144\106\020\332\027\221  
\267\005\200\254\213\231\222\175\347\242\330\007\013\066\047\347  
\110\171\140\212\303\327\023\134\370\162\100\337\112\313\317\231  
\000\012\000\013\021\225\332\126\105\003\210\012\237\147\320\325  
\171\261\250\215\100\155\015\302\172\100\372\363\137\144\107\222  
\313\123\271\273\131\316\117\375\320\025\123\001\330\337\353\331

```
\346\166\357\320\043\273\073\251\171\263\325\002\051\315\211\243
\226\017\112\065\347\116\102\300\165\315\007\317\346\054\353\173
\056
END
```

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

```
# Trust for "CFCA EV ROOT"
```

```
# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
```

```
# Serial Number: 407555286 (0x184accd6)
```

```
# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
```

```
# Not Valid Before: Wed Aug 08 03:07:01 2012
```

```
# Not Valid After : Mon Dec 31 03:07:01 2029
```

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

```
5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD
```

```
# Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CFCA EV ROOT"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\342\270\051\113\125\204\253\153\130\302\220\106\154\254\077\270
\071\217\204\203
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\164\341\266\355\046\172\172\104\060\063\224\253\173\047\201\060
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
\040\105\126\040\122\117\117\124
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\004\030\112\314\326
```

```
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "OISTE WISeKey Global Root GB CA"
```

```
#
```

```
# Issuer: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
# Serial Number:76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0
# Subject: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
# Not Valid Before: Mon Dec 01 15:00:32 2014
# Not Valid After : Thu Dec 01 15:10:31 2039
# Fingerprint (SHA-256):
6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6
# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISEKey Global Root GB CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366
\302\300
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\265\060\202\002\235\240\003\002\001\002\002\020\166
\261\040\122\164\360\205\207\106\263\370\043\032\366\302\300\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\155
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060
\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\102\040\103\101\060\036\027
```

\015\061\064\061\062\060\061\061\065\060\060\063\062\132\027\015  
\063\071\061\062\060\061\061\065\061\060\063\061\132\060\155\061  
\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016  
\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061\042  
\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106  
\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163  
\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123  
\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141  
\154\040\122\157\157\164\040\107\102\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\330\027\267  
\034\112\044\052\326\227\261\312\342\036\373\175\070\357\230\365  
\262\071\230\116\047\270\021\135\173\322\045\224\210\202\025\046  
\152\033\061\273\250\133\041\041\053\330\017\116\237\132\361\261  
\132\344\171\326\062\043\053\341\123\314\231\105\134\173\117\255  
\274\277\207\112\013\113\227\132\250\366\110\354\175\173\015\315  
\041\006\337\236\025\375\101\212\110\267\040\364\241\172\033\127  
\324\135\120\377\272\147\330\043\231\037\310\077\343\336\377\157  
\133\167\261\153\156\270\311\144\367\341\312\101\106\016\051\161  
\320\271\043\374\311\201\137\116\367\157\337\277\204\255\163\144  
\273\267\102\216\151\366\324\166\035\176\235\247\270\127\212\121  
\147\162\327\324\250\270\225\124\100\163\003\366\352\364\353\376  
\050\102\167\077\235\043\033\262\266\075\200\024\007\114\056\117  
\367\325\012\026\015\275\146\103\067\176\043\103\171\303\100\206  
\365\114\051\332\216\232\255\015\245\004\207\210\036\205\343\351  
\123\325\233\310\213\003\143\170\353\340\031\112\156\273\057\153  
\063\144\130\223\255\151\277\217\033\357\202\110\307\002\003\001  
\000\001\243\121\060\117\060\013\006\003\125\035\017\004\004\003  
\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\065  
\017\310\066\143\136\342\243\354\371\073\146\025\316\121\122\343  
\221\232\075\060\020\006\011\053\006\001\004\001\202\067\025\001  
\004\003\002\001\000\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\100\114\373\207\262\231\201  
\220\176\235\305\260\260\046\315\210\173\053\062\215\156\270\041  
\161\130\227\175\256\067\024\257\076\347\367\232\342\175\366\161  
\230\231\004\252\103\164\170\243\343\111\141\076\163\214\115\224  
\340\371\161\304\266\026\016\123\170\037\326\242\207\057\002\071  
\201\051\074\257\025\230\041\060\376\050\220\000\214\321\341\313  
\372\136\310\375\370\020\106\073\242\170\102\221\027\164\125\012  
\336\120\147\115\146\321\247\377\375\331\300\265\250\243\212\316  
\146\365\017\103\315\247\053\127\173\143\106\152\252\056\122\330  
\364\355\341\155\255\051\220\170\110\272\341\043\252\243\211\354  
\265\253\226\300\264\113\242\035\227\236\172\362\156\100\161\337  
\150\361\145\115\316\174\005\337\123\145\251\245\360\261\227\004  
\160\025\106\003\230\324\322\277\124\264\240\130\175\122\157\332  
\126\046\142\324\330\333\211\061\157\034\360\042\302\323\142\034  
\065\315\114\151\025\124\032\220\230\336\353\036\137\312\167\307

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\313\216\075\103\151\234\232\130\320\044\073\337\033\100\226\176
\065\255\201\307\116\161\272\210\023
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "OISTE WISEKey Global Root GB CA"
# Issuer: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
# Serial Number:76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0
# Subject: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
# Not Valid Before: Mon Dec 01 15:00:32 2014
# Not Valid After : Thu Dec 01 15:10:31 2039
# Fingerprint (SHA-256):
6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6
# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISEKey Global Root GB CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\371\100\166\030\323\327\152\113\230\360\250\065\236\014\375
\047\254\314\355
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\244\353\271\141\050\056\267\057\230\260\065\046\220\231\121\035
END
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366
\302\300
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SZAFIR ROOT CA2"

```

```
#
# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4
# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# Not Valid Before: Mon Oct 19 07:43:30 2015
# Not Valid After : Fri Oct 19 07:43:30 2035
# Fingerprint (SHA-256):
A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE
# Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SZAFIR ROOT CA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\162\060\202\002\132\240\003\002\001\002\002\024\076
\212\135\007\354\125\322\062\325\267\343\266\137\001\353\055\334
\344\326\344\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\121\061\013\060\011\006\003\125\004\006\023\002\120
\114\061\050\060\046\006\003\125\004\012\014\037\113\162\141\152
\157\167\141\040\111\172\142\141\040\122\157\172\154\151\143\172
\145\156\151\157\167\141\040\123\056\101\056\061\030\060\026\006
\003\125\004\003\014\017\123\132\101\106\111\122\040\122\117\117
\124\040\103\101\062\060\036\027\015\061\065\061\060\061\071\060
\067\064\063\063\060\132\027\015\063\065\061\060\061\071\060\067
\064\063\063\060\132\060\121\061\013\060\011\006\003\125\004\006
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\023\002\120\114\061\050\060\046\006\003\125\004\012\014\037\113  
\162\141\152\157\167\141\040\111\172\142\141\040\122\157\172\154  
\151\143\172\145\156\151\157\167\141\040\123\056\101\056\061\030  
\060\026\006\003\125\004\003\014\017\123\132\101\106\111\122\040  
\122\117\117\124\040\103\101\062\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\267\274\076\120\250\113\315  
\100\265\316\141\347\226\312\264\241\332\014\042\260\372\265\173  
\166\000\167\214\013\317\175\250\206\314\046\121\344\040\075\205  
\014\326\130\343\347\364\052\030\235\332\321\256\046\356\353\123  
\334\364\220\326\023\112\014\220\074\303\364\332\322\216\015\222  
\072\334\261\261\377\070\336\303\272\055\137\200\271\002\275\112  
\235\033\017\264\303\302\301\147\003\335\334\033\234\075\263\260  
\336\000\036\250\064\107\273\232\353\376\013\024\275\066\204\332  
\015\040\277\372\133\313\251\026\040\255\071\140\356\057\165\266  
\347\227\234\371\076\375\176\115\157\115\057\357\210\015\152\372  
\335\361\075\156\040\245\240\022\264\115\160\271\316\327\162\073  
\211\223\247\200\204\034\047\111\162\111\265\377\073\225\236\301  
\314\310\001\354\350\016\212\012\226\347\263\246\207\345\326\371  
\005\053\015\227\100\160\074\272\254\165\132\234\325\115\235\002  
\012\322\113\233\146\113\106\007\027\145\255\237\154\210\000\334  
\042\211\340\341\144\324\147\274\061\171\141\074\273\312\101\315  
\134\152\000\310\074\070\216\130\257\002\003\001\000\001\243\102  
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\056\026  
\251\112\030\265\313\314\365\157\120\363\043\137\370\135\347\254  
\360\310\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\003\202\001\001\000\265\163\370\003\334\131\133\035\166\351  
\243\052\173\220\050\262\115\300\063\117\252\232\261\324\270\344  
\047\377\251\226\231\316\106\340\155\174\114\242\070\244\006\160  
\360\364\101\021\354\077\107\215\077\162\207\371\073\375\244\157  
\053\123\000\340\377\071\271\152\007\016\353\035\034\366\242\162  
\220\313\202\075\021\202\213\322\273\237\052\257\041\346\143\206  
\235\171\031\357\367\273\014\065\220\303\212\355\117\017\365\314  
\022\331\244\076\273\240\374\040\225\137\117\046\057\021\043\203  
\116\165\007\017\277\233\321\264\035\351\020\004\376\312\140\217  
\242\114\270\255\317\341\220\017\315\256\012\307\135\173\267\120  
\322\324\141\372\325\025\333\327\237\207\121\124\353\245\343\353  
\311\205\240\045\040\067\373\216\316\014\064\204\341\074\201\262  
\167\116\103\245\210\137\206\147\241\075\346\264\134\141\266\076  
\333\376\267\050\305\242\007\256\265\312\312\215\052\022\357\227  
\355\302\060\244\311\052\172\373\363\115\043\033\231\063\064\240  
\056\365\251\013\077\324\135\341\317\204\237\342\031\302\137\212  
\326\040\036\343\163\267

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SZAFIR ROOT CA2"

# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

# Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4

# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

# Not Valid Before: Mon Oct 19 07:43:30 2015

# Not Valid After : Fri Oct 19 07:43:30 2035

# Fingerprint (SHA-256):

A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE

# Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SZAFIR ROOT CA2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\342\122\372\225\077\355\333\044\140\275\156\050\363\234\314\317  
\136\263\077\336

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\021\144\301\211\260\044\261\214\261\007\176\211\236\121\236\231

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061  
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167  
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156  
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125  
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040  
\103\101\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001  
\353\055\334\344\326\344

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Certum Trusted Network CA 2"

#

# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9

# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

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# Not Valid Before: Thu Oct 06 08:39:56 2011
# Not Valid After : Sat Oct 06 08:39:56 2046
# Fingerprint (SHA-256):
B6:76:F2:ED:DA:E8:77:5C:D3:6C:B0:F6:3C:D1:D4:60:39:61:F4:9E:62:65:BA:01:3A:2F:03:07:B6:D0:B8:04
# Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040
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CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Certum Trusted Network CA 2"

# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9

# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

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# Not Valid Before: Thu Oct 06 08:39:56 2011
# Not Valid After : Sat Oct 06 08:39:56 2046
# Fingerprint (SHA-256):
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# Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92
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CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\323\335\110\076\053\277\114\005\350\257\020\365\372\166\046\317
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\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060
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CKA_SERIAL_NUMBER MULTILINE_OCTAL
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CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hellenic Academic and Research Institutions RootCA 2015"
#
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:11:21 2015
# Not Valid After : Sat Jun 30 10:11:21 2040
# Fingerprint (SHA-256):

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A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36
# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
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\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\165  
\273\155\124\113\252\020\130\106\064\362\142\327\026\066\135\010  
\136\325\154\310\207\275\264\056\106\362\061\370\174\352\102\265  
\223\026\125\334\241\014\022\240\332\141\176\017\130\130\163\144  
\162\307\350\105\216\334\251\362\046\077\306\171\214\261\123\010  
\063\201\260\126\023\276\346\121\134\330\233\012\117\113\234\126  
\123\002\351\117\366\015\140\352\115\102\125\350\174\033\041\041  
\323\033\072\314\167\362\270\220\361\150\307\371\132\376\372\055  
\364\277\311\365\105\033\316\070\020\052\067\212\171\243\264\343  
\011\154\205\206\223\377\211\226\047\170\201\217\147\343\106\164  
\124\216\331\015\151\342\112\364\115\164\003\377\262\167\355\225  
\147\227\344\261\305\253\277\152\043\350\324\224\342\104\050\142  
\304\113\342\360\330\342\051\153\032\160\176\044\141\223\173\117  
\003\062\045\015\105\044\053\226\264\106\152\277\112\013\367\232  
\217\301\254\032\305\147\363\157\064\322\372\163\143\214\357\026  
\260\250\244\106\052\370\353\022\354\162\264\357\370\053\176\214  
\122\300\213\204\124\371\057\076\343\125\250\334\146\261\331\341  
\137\330\263\214\131\064\131\244\253\117\154\273\037\030\333\165  
\253\330\313\222\315\224\070\141\016\007\006\037\113\106\020\361  
\025\276\215\205\134\073\112\053\201\171\017\264\151\237\111\120  
\227\115\367\016\126\135\300\225\152\302\066\303\033\150\311\365  
\052\334\107\232\276\262\316\305\045\350\372\003\271\332\371\026  
\156\221\204\365\034\050\310\374\046\314\327\034\220\126\247\137  
\157\072\004\274\315\170\211\013\216\017\057\243\252\117\242\033  
\022\075\026\010\100\017\361\106\114\327\252\173\010\301\012\365  
\155\047\336\002\217\312\303\265\053\312\351\353\310\041\123\070  
\245\314\073\330\167\067\060\242\117\331\157\321\362\100\255\101  
\172\027\305\326\112\065\211\267\101\325\174\206\177\125\115\203  
\112\245\163\040\300\072\257\220\361\232\044\216\331\216\161\312  
\173\270\206\332\262\217\231\076\035\023\015\022\021\356\324\253  
\360\351\025\166\002\344\340\337\252\040\036\133\141\205\144\100  
\251\220\227\015\255\123\322\132\035\207\152\000\227\145\142\264  
\276\157\152\247\365\054\102\355\062\255\266\041\236\276\274

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Hellenic Academic and Research Institutions RootCA 2015"

# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

```

# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:11:21 2015
# Not Valid After : Sat Jun 30 10:11:21 2040
# Fingerprint (SHA-256):
A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36
# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\001\014\006\225\246\230\031\024\377\277\137\306\260\266\225\352
\051\351\022\246
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\377\342\333\003\331\313\113\351\017\255\204\375\173\030\316
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hellenic Academic and Research Institutions ECC RootCA 2015"
#
# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and

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Research Institutions Cert. Authority,L=Athens,C=GR

# Not Valid Before: Tue Jul 07 10:37:12 2015

# Not Valid After : Sat Jun 30 10:37:12 2040

# Fingerprint (SHA-256):

44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33

# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103  
\103\040\122\157\157\164\103\101\040\062\060\061\065

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103  
\103\040\122\157\157\164\103\101\040\062\060\061\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\303\060\202\002\112\240\003\002\001\002\002\001\000  
\060\012\006\010\052\206\110\316\075\004\003\002\060\201\252\061  
\013\060\011\006\003\125\004\006\023\002\107\122\061\017\060\015  
\006\003\125\004\007\023\006\101\164\150\145\156\163\061\104\060  
\102\006\003\125\004\012\023\073\110\145\154\154\145\156\151\143

\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145  
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151  
\157\156\163\040\103\145\162\164\056\040\101\165\164\150\157\162  
\151\164\171\061\104\060\102\006\003\125\004\003\023\073\110\145  
\154\154\145\156\151\143\040\101\143\141\144\145\155\151\143\040  
\141\156\144\040\122\145\163\145\141\162\143\150\040\111\156\163  
\164\151\164\165\164\151\157\156\163\040\105\103\103\040\122\157  
\157\164\103\101\040\062\060\061\065\060\036\027\015\061\065\060  
\067\060\067\061\060\063\067\061\062\132\027\015\064\060\060\066  
\063\060\061\060\063\067\061\062\132\060\201\252\061\013\060\011  
\006\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125  
\004\007\023\006\101\164\150\145\156\163\061\104\060\102\006\003  
\125\004\012\023\073\110\145\154\154\145\156\151\143\040\101\143  
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141  
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163  
\040\103\145\162\164\056\040\101\165\164\150\157\162\151\164\171  
\061\104\060\102\006\003\125\004\003\023\073\110\145\154\154\145  
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144  
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164  
\165\164\151\157\156\163\040\105\103\103\040\122\157\157\164\103  
\101\040\062\060\061\065\060\166\060\020\006\007\052\206\110\316  
\075\002\001\006\005\053\201\004\000\042\003\142\000\004\222\240  
\101\350\113\202\204\134\342\370\061\021\231\206\144\116\011\045  
\057\235\101\057\012\256\065\117\164\225\262\121\144\153\215\153  
\346\077\160\225\360\005\104\107\246\162\070\120\166\225\002\132  
\216\256\050\236\371\055\116\231\357\054\110\157\114\045\051\350  
\321\161\133\337\035\301\165\067\264\327\372\173\172\102\234\152  
\012\126\132\174\151\013\252\200\011\044\154\176\301\106\243\102  
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\264\042  
\013\202\231\044\001\016\234\273\344\016\375\277\373\227\040\223  
\231\052\060\012\006\010\052\206\110\316\075\004\003\002\003\147  
\000\060\144\002\060\147\316\026\142\070\242\254\142\105\247\251  
\225\044\300\032\047\234\062\073\300\300\325\272\251\347\370\004  
\103\123\205\356\122\041\336\235\365\045\203\076\236\130\113\057  
\327\147\023\016\041\002\060\005\341\165\001\336\150\355\052\037  
\115\114\011\010\015\354\113\255\144\027\050\347\165\316\105\145  
\162\041\027\313\042\101\016\214\023\230\070\232\124\155\233\312  
\342\174\352\002\130\042\221

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Hellenic Academic and Research Institutions ECC RootCA 2015"

# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

```
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and
Research Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:37:12 2015
# Not Valid After : Sat Jun 30 10:37:12 2040
# Fingerprint (SHA-256):
44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33
# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\237\361\161\215\222\325\232\363\175\164\227\264\274\157\204\150
\013\272\266\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\201\345\264\027\353\302\365\341\113\015\101\173\111\222\376\357
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ISRG Root X1"
#
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00
# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Not Valid Before: Thu Jun 04 11:04:38 2015
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# Not Valid After : Mon Jun 04 11:04:38 2035
# Fingerprint (SHA-256):
96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6
# Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\202\020\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\153\060\202\003\123\240\003\002\001\002\002\021\000
\202\020\317\260\322\100\343\131\104\143\340\273\143\202\213\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061\051
\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156\145
\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145\141
\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003\125
\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130\061
\060\036\027\015\061\065\060\066\060\064\061\061\060\064\063\070
\132\027\015\063\065\060\066\060\064\061\061\060\064\063\070\132
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
```

\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\255\350\044\163\364\024\067\363\233\236\053\127\050\034  
\207\276\334\267\337\070\220\214\156\074\346\127\240\170\367\165  
\302\242\376\365\152\156\366\000\117\050\333\336\150\206\154\104  
\223\266\261\143\375\024\022\153\277\037\322\352\061\233\041\176  
\321\063\074\272\110\365\335\171\337\263\270\377\022\361\041\232  
\113\301\212\206\161\151\112\146\146\154\217\176\074\160\277\255  
\051\042\006\363\344\300\346\200\256\342\113\217\267\231\176\224  
\003\237\323\107\227\174\231\110\043\123\350\070\256\117\012\157  
\203\056\321\111\127\214\200\164\266\332\057\320\070\215\173\003  
\160\041\033\165\362\060\074\372\217\256\335\332\143\253\353\026  
\117\302\216\021\113\176\317\013\350\377\265\167\056\364\262\173  
\112\340\114\022\045\014\160\215\003\051\240\341\123\044\354\023  
\331\356\031\277\020\263\112\214\077\211\243\141\121\336\254\207  
\007\224\364\143\161\354\056\342\157\133\230\201\341\211\134\064  
\171\154\166\357\073\220\142\171\346\333\244\232\057\046\305\320  
\020\341\016\336\331\020\216\026\373\267\367\250\367\307\345\002  
\007\230\217\066\010\225\347\342\067\226\015\066\165\236\373\016  
\162\261\035\233\274\003\371\111\005\330\201\335\005\264\052\326  
\101\351\254\001\166\225\012\017\330\337\325\275\022\037\065\057  
\050\027\154\322\230\301\250\011\144\167\156\107\067\272\316\254  
\131\136\150\235\177\162\326\211\305\006\101\051\076\131\076\335  
\046\365\044\311\021\247\132\243\114\100\037\106\241\231\265\247  
\072\121\156\206\073\236\175\162\247\022\005\170\131\355\076\121  
\170\025\013\003\217\215\320\057\005\262\076\173\112\034\113\163  
\005\022\374\306\352\340\120\023\174\103\223\164\263\312\164\347  
\216\037\001\010\320\060\324\133\161\066\264\007\272\301\060\060  
\134\110\267\202\073\230\246\175\140\212\242\243\051\202\314\272  
\275\203\004\033\242\203\003\101\241\326\005\361\033\302\266\360  
\250\174\206\073\106\250\110\052\210\334\166\232\166\277\037\152  
\245\075\031\217\353\070\363\144\336\310\053\015\012\050\377\367  
\333\342\025\102\324\042\320\047\135\341\171\376\030\347\160\210  
\255\116\346\331\213\072\306\335\047\121\156\377\274\144\365\063  
\103\117\002\003\001\000\001\243\102\060\100\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\171\264\131\346\173\266\345\344\001  
\163\200\010\210\310\032\130\366\351\233\156\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\125  
\037\130\251\274\262\250\120\320\014\261\330\032\151\040\047\051  
\010\254\141\165\134\212\156\370\202\345\151\057\325\366\126\113  
\271\270\163\020\131\323\041\227\176\347\114\161\373\262\322\140  
\255\071\250\013\352\027\041\126\205\361\120\016\131\353\316\340  
\131\351\272\311\025\357\206\235\217\204\200\366\344\351\221\220  
\334\027\233\142\033\105\360\146\225\322\174\157\302\352\073\357  
\037\317\313\326\256\047\361\251\260\310\256\375\175\176\232\372  
\042\004\353\377\331\177\352\221\053\042\261\027\016\217\362\212  
\064\133\130\330\374\001\311\124\271\270\046\314\212\210\063\211

```
\114\055\204\074\202\337\356\226\127\005\272\054\273\367\304\267
\307\116\073\202\276\061\310\042\163\163\222\321\302\200\244\071
\071\020\063\043\202\114\074\237\206\262\125\230\035\276\051\206
\214\042\233\236\342\153\073\127\072\202\160\115\334\011\307\211
\313\012\007\115\154\350\135\216\311\357\316\253\307\273\265\053
\116\105\326\112\320\046\314\345\162\312\010\152\245\225\343\025
\241\367\244\355\311\054\137\245\373\377\254\050\002\056\276\327
\173\273\343\161\173\220\026\323\007\136\106\123\174\067\007\102
\214\323\304\226\234\325\231\265\052\340\225\032\200\110\256\114
\071\007\316\314\107\244\122\225\053\272\270\373\255\322\063\123
\175\345\035\115\155\325\241\261\307\102\157\346\100\047\065\134
\243\050\267\007\215\347\215\063\220\347\043\237\373\120\234\171
\154\106\325\264\025\263\226\156\176\233\014\226\072\270\122\055
\077\326\133\341\373\010\302\204\376\044\250\243\211\332\254\152
\341\030\052\261\250\103\141\133\323\037\334\073\215\166\362\055
\350\215\165\337\027\063\154\075\123\373\173\313\101\137\377\334
\242\320\141\070\341\226\270\254\135\213\067\327\165\325\063\300
\231\021\256\235\101\301\162\165\204\276\002\101\102\137\147\044
\110\224\321\233\047\276\007\077\271\270\117\201\164\121\341\172
\267\355\235\043\342\276\340\325\050\004\023\074\061\003\236\335
\172\154\217\306\007\030\306\177\336\107\216\077\050\236\004\006
\317\245\124\064\167\275\354\211\233\351\027\103\337\133\333\137
\376\216\036\127\242\315\100\235\176\142\042\332\336\030\047
```

END

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

```
# Trust for "ISRG Root X1"
```

```
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
```

```
# Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00
```

```
# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US
```

```
# Not Valid Before: Thu Jun 04 11:04:38 2015
```

```
# Not Valid After : Mon Jun 04 11:04:38 2035
```

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

```
96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6
```

```
# Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ISRG Root X1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\312\275\052\171\241\007\152\061\362\035\045\066\065\313\003\235
\103\051\245\350
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\014\322\371\340\332\027\163\351\355\206\115\245\343\160\347\116
```

```

END
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\202\020\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AC RAIZ FNMT-RCM"
#
# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Not Valid Before: Wed Oct 29 15:59:56 2008
# Not Valid After : Tue Jan 01 00:00:00 2030
# Fingerprint (SHA-256):
EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA
# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
END

```

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151  
\007

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\203\060\202\003\153\240\003\002\001\002\002\017\135  
\223\215\060\147\066\310\006\035\032\307\124\204\151\007\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\060\073\061  
\013\060\011\006\003\125\004\006\023\002\105\123\061\021\060\017  
\006\003\125\004\012\014\010\106\116\115\124\055\122\103\115\061  
\031\060\027\006\003\125\004\013\014\020\101\103\040\122\101\111  
\132\040\106\116\115\124\055\122\103\115\060\036\027\015\060\070  
\061\060\062\071\061\065\065\071\065\066\132\027\015\063\060\060  
\061\060\061\060\060\060\060\060\132\060\073\061\013\060\011  
\006\003\125\004\006\023\002\105\123\061\021\060\017\006\003\125  
\004\012\014\010\106\116\115\124\055\122\103\115\061\031\060\027  
\006\003\125\004\013\014\020\101\103\040\122\101\111\132\040\106  
\116\115\124\055\122\103\115\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\272\161\200\172\114\206\156\177  
\310\023\155\300\306\175\034\000\227\217\054\014\043\273\020\232  
\100\251\032\267\207\210\370\233\126\152\373\346\173\216\213\222  
\216\247\045\135\131\021\333\066\056\267\121\027\037\251\010\037  
\004\027\044\130\252\067\112\030\337\345\071\324\127\375\327\301  
\054\221\001\221\342\042\324\003\300\130\374\167\107\354\217\076  
\164\103\272\254\064\215\115\070\166\147\216\260\310\157\060\063  
\130\161\134\264\365\153\156\324\001\120\270\023\176\154\112\243  
\111\321\040\031\356\274\300\051\030\145\247\336\376\357\335\012  
\220\041\347\032\147\222\102\020\230\137\117\060\274\076\034\105  
\264\020\327\150\100\024\300\100\372\347\167\027\172\346\013\217  
\145\133\074\331\232\122\333\265\275\236\106\317\075\353\221\005  
\002\300\226\262\166\114\115\020\226\073\222\372\234\177\017\231  
\337\276\043\065\105\036\002\134\376\265\250\233\231\045\332\136  
\363\042\303\071\365\344\052\056\323\306\037\304\154\252\305\034  
\152\001\005\112\057\322\305\301\250\064\046\135\146\245\322\002  
\041\371\030\267\006\365\116\231\157\250\253\114\121\350\317\120  
\030\305\167\310\071\011\054\111\222\062\231\250\273\027\027\171  
\260\132\305\346\243\304\131\145\107\065\203\136\251\350\065\013  
\231\273\344\315\040\306\233\112\006\071\265\150\374\042\272\356  
\125\214\053\116\352\363\261\343\374\266\231\232\325\102\372\161  
\115\010\317\207\036\152\161\175\371\323\264\351\245\161\201\173  
\302\116\107\226\245\366\166\205\243\050\217\351\200\156\201\123  
\245\155\137\270\110\371\302\371\066\246\056\111\377\270\226\302  
\214\007\263\233\210\130\374\353\033\034\336\055\160\342\227\222  
\060\241\211\343\274\125\250\047\326\113\355\220\255\213\372\143  
\045\131\055\250\065\335\312\227\063\274\345\315\307\235\321\354  
\357\136\016\112\220\006\046\143\255\271\331\065\055\007\272\166  
\145\054\254\127\217\175\364\007\224\327\201\002\226\135\243\007

\111\325\172\320\127\371\033\347\123\106\165\252\260\171\102\313  
\150\161\010\351\140\275\071\151\316\364\257\303\126\100\307\255  
\122\242\011\344\157\206\107\212\037\353\050\047\135\203\040\257  
\004\311\154\126\232\213\106\365\002\003\001\000\001\243\201\203  
\060\201\200\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\367  
\175\305\375\304\350\232\033\167\144\247\365\035\240\314\277\207  
\140\232\155\060\076\006\003\125\035\040\004\067\060\065\060\063  
\006\004\125\035\040\000\060\053\060\051\006\010\053\006\001\005  
\005\007\002\001\026\035\150\164\164\160\072\057\057\167\167\167  
\056\143\145\162\164\056\146\156\155\164\056\145\163\057\144\160  
\143\163\057\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\002\001\000\007\220\112\337\363\043\116\360\303  
\234\121\145\233\234\042\242\212\014\205\363\163\051\153\115\376  
\001\342\251\014\143\001\277\004\147\245\235\230\137\375\001\023  
\372\354\232\142\351\206\376\266\142\322\156\114\224\373\300\165  
\105\174\145\014\370\262\067\317\254\017\317\215\157\371\031\367  
\217\354\036\362\160\236\360\312\270\357\267\377\166\067\166\133  
\366\156\210\363\257\142\062\042\223\015\072\152\216\024\146\014  
\055\123\164\127\145\036\325\262\335\043\201\073\245\146\043\047  
\147\011\217\341\167\252\103\315\145\121\010\355\121\130\376\346  
\071\371\313\107\204\244\025\361\166\273\244\356\244\073\304\137  
\357\262\063\226\021\030\267\311\145\276\030\341\243\244\334\372  
\030\371\323\274\023\233\071\172\064\272\323\101\373\372\062\212  
\052\267\053\206\013\151\203\070\276\315\212\056\013\160\255\215  
\046\222\356\036\365\001\053\012\331\326\227\233\156\340\250\031  
\034\072\041\213\014\036\100\255\003\347\335\146\176\365\271\040  
\015\003\350\226\371\202\105\324\071\340\240\000\135\327\230\346  
\175\236\147\163\303\232\052\367\253\213\241\072\024\357\064\274  
\122\016\211\230\232\004\100\204\035\176\105\151\223\127\316\353  
\316\370\120\174\117\034\156\004\103\233\371\326\073\043\030\351  
\352\216\321\115\106\215\361\073\344\152\312\272\373\043\267\233  
\372\231\001\051\132\130\132\055\343\371\324\155\016\046\255\301  
\156\064\274\062\370\014\005\372\145\243\333\073\067\203\042\351  
\326\334\162\063\375\135\362\040\275\166\074\043\332\050\367\371  
\033\353\131\144\325\334\137\162\176\040\374\315\211\265\220\147  
\115\142\172\077\116\255\035\303\071\376\172\364\050\026\337\101  
\366\110\200\005\327\017\121\171\254\020\253\324\354\003\146\346  
\152\260\272\061\222\102\100\152\276\072\323\162\341\152\067\125  
\274\254\035\225\267\151\141\362\103\221\164\346\240\323\012\044  
\106\241\010\257\326\332\105\031\226\324\123\035\133\204\171\360  
\300\367\107\357\213\217\305\006\256\235\114\142\235\377\106\004  
\370\323\311\266\020\045\100\165\376\026\252\311\112\140\206\057  
\272\357\060\167\344\124\342\270\204\231\130\200\252\023\213\121  
\072\117\110\366\213\266\263

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "AC RAIZ FNMT-RCM"

# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07

# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Not Valid Before: Wed Oct 29 15:59:56 2008

# Not Valid After : Tue Jan 01 00:00:00 2030

# Fingerprint (SHA-256):

EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA

# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "AC RAIZ FNMT-RCM"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\354\120\065\007\262\025\304\225\142\031\342\250\232\133\102\231

\054\114\054\040

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\342\011\004\264\323\275\321\240\024\375\032\322\107\304\127\035

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122

\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040

\122\101\111\132\040\106\116\115\124\055\122\103\115

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151

\007

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Amazon Root CA 1"

#

# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US

# Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca

# Subject: CN=Amazon Root CA 1,O=Amazon,C=US

# Not Valid Before: Tue May 26 00:00:00 2015

# Not Valid After : Sun Jan 17 00:00:00 2038

# Fingerprint (SHA-256):

8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E  
# Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Amazon Root CA 1"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156  
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157  
\156\040\122\157\157\164\040\103\101\040\061  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156  
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157  
\156\040\122\157\157\164\040\103\101\040\061  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103  
\346\226\066\133\312  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\003\101\060\202\002\051\240\003\002\001\002\002\023\006  
\154\237\317\231\277\214\012\071\342\360\170\212\103\346\226\066  
\133\312\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157  
\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172  
\157\156\040\122\157\157\164\040\103\101\040\061\060\036\027\015  
\061\065\060\065\062\066\060\060\060\060\060\060\132\027\015\063  
\070\060\061\061\067\060\060\060\060\060\060\132\060\071\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006  
\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027  
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157  
\157\164\040\103\101\040\061\060\202\001\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060  
\202\001\012\002\202\001\001\000\262\170\200\161\312\170\325\343  
\161\257\107\200\120\164\175\156\330\327\210\166\364\231\150\367  
\130\041\140\371\164\204\001\057\254\002\055\206\323\240\103\172  
\116\262\244\320\066\272\001\276\215\333\110\310\007\027\066\114  
\364\356\210\043\307\076\353\067\365\265\031\370\111\150\260\336  
\327\271\166\070\035\141\236\244\376\202\066\245\345\112\126\344  
\105\341\371\375\264\026\372\164\332\234\233\065\071\057\372\260  
\040\120\006\154\172\320\200\262\246\371\257\354\107\031\217\120

\070\007\334\242\207\071\130\370\272\325\251\371\110\147\060\226  
\356\224\170\136\157\211\243\121\300\060\206\146\241\105\146\272  
\124\353\243\303\221\371\110\334\377\321\350\060\055\175\055\164  
\160\065\327\210\044\367\236\304\131\156\273\163\207\027\362\062  
\106\050\270\103\372\267\035\252\312\264\362\237\044\016\055\113  
\367\161\134\136\151\377\352\225\002\313\070\212\256\120\070\157  
\333\373\055\142\033\305\307\036\124\341\167\340\147\310\017\234  
\207\043\326\077\100\040\177\040\200\304\200\114\076\073\044\046  
\216\004\256\154\232\310\252\015\002\003\001\000\001\243\102\060  
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\035\006\003\125\035\016\004\026\004\024\204\030\314  
\205\064\354\274\014\224\224\056\010\131\234\307\262\020\116\012  
\010\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\003\202\001\001\000\230\362\067\132\101\220\241\032\305\166\121  
\050\040\066\043\016\256\346\050\273\252\370\224\256\110\244\060  
\177\033\374\044\215\113\264\310\241\227\366\266\361\172\160\310  
\123\223\314\010\050\343\230\045\317\043\244\371\336\041\323\174  
\205\011\255\116\232\165\072\302\013\152\211\170\166\104\107\030  
\145\154\215\101\216\073\177\232\313\364\265\247\120\327\005\054  
\067\350\003\113\255\351\141\240\002\156\365\362\360\305\262\355  
\133\267\334\372\224\134\167\236\023\245\177\122\255\225\362\370  
\223\073\336\213\134\133\312\132\122\133\140\257\024\367\113\357  
\243\373\237\100\225\155\061\124\374\102\323\307\106\037\043\255  
\331\017\110\160\232\331\165\170\161\321\162\103\064\165\156\127  
\131\302\002\134\046\140\051\317\043\031\026\216\210\103\245\324  
\344\313\010\373\043\021\103\350\103\051\162\142\241\251\135\136  
\010\324\220\256\270\330\316\024\302\320\125\362\206\366\304\223  
\103\167\146\141\300\271\350\101\327\227\170\140\003\156\112\162  
\256\245\321\175\272\020\236\206\154\033\212\271\131\063\370\353  
\304\220\276\361\271

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Amazon Root CA 1"

# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US

# Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca

# Subject: CN=Amazon Root CA 1,O=Amazon,C=US

# Not Valid Before: Tue May 26 00:00:00 2015

# Not Valid After : Sun Jan 17 00:00:00 2038

# Fingerprint (SHA-256):

8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E

# Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\215\247\371\145\354\136\374\067\221\017\034\156\131\375\301\314
\152\156\336\026
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\306\277\256\354\376\255\057\030\306\210\150\060\374\310\346
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103
\346\226\066\133\312
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 2"
#
# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US
# Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37
# Subject: CN=Amazon Root CA 2,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4
# Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
CKA_ID UTF8 "0"

```

CKA\_ISSUER MULTILINE\_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156  
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157  
\156\040\122\157\157\164\040\103\101\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370  
\133\046\273\212\067

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\101\060\202\003\051\240\003\002\001\002\002\023\006  
\154\237\322\226\065\206\237\012\017\345\206\170\370\133\046\273  
\212\067\060\015\006\011\052\206\110\206\367\015\001\001\014\005  
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157  
\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172  
\157\156\040\122\157\157\164\040\103\101\040\062\060\036\027\015  
\061\065\060\065\062\066\060\060\060\060\060\060\132\027\015\064  
\060\060\065\062\066\060\060\060\060\060\060\132\060\071\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006  
\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027  
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157  
\157\164\040\103\101\040\062\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\255\226\237\055\234\112\114\112  
\201\171\121\231\354\212\313\153\140\121\023\274\115\155\006\374  
\260\010\215\335\031\020\152\307\046\014\065\330\300\157\040\204  
\351\224\261\233\205\003\303\133\333\112\350\310\370\220\166\331  
\133\117\343\114\350\006\066\115\314\232\254\075\014\220\053\222  
\324\006\031\140\254\067\104\171\205\201\202\255\132\067\340\015  
\314\235\246\114\122\166\352\103\235\267\004\321\120\366\125\340  
\325\322\246\111\205\351\067\351\312\176\256\134\225\115\110\232  
\077\256\040\132\155\210\225\331\064\270\122\032\103\220\260\277  
\154\005\271\266\170\267\352\320\344\072\074\022\123\142\377\112  
\362\173\276\065\005\251\022\064\343\363\144\164\142\054\075\000  
\111\132\050\376\062\104\273\207\335\145\047\002\161\073\332\112  
\367\037\332\315\367\041\125\220\117\017\354\256\202\341\237\153  
\331\105\323\273\360\137\207\355\074\054\071\206\332\077\336\354  
\162\125\353\171\243\255\333\335\174\260\272\034\316\374\336\117  
\065\166\317\017\370\170\037\152\066\121\106\047\141\133\351\236  
\317\360\242\125\175\174\045\212\157\057\264\305\317\204\056\053  
\375\015\121\020\154\373\137\033\274\033\176\305\256\073\230\001  
\061\222\377\013\127\364\232\262\271\127\351\253\357\015\166\321  
\360\356\364\316\206\247\340\156\351\264\151\241\337\151\366\063  
\306\151\056\227\023\236\245\207\260\127\020\201\067\311\123\263  
\273\177\366\222\321\234\320\030\364\222\156\332\203\117\246\143  
\231\114\245\373\136\357\041\144\172\040\137\154\144\205\025\313

\067\351\142\014\013\052\026\334\001\056\062\332\076\113\365\236  
\072\366\027\100\224\357\236\221\010\206\372\276\143\250\132\063  
\354\313\164\103\225\371\154\151\122\066\307\051\157\374\125\003  
\134\037\373\237\275\107\353\347\111\107\225\013\116\211\042\011  
\111\340\365\141\036\361\277\056\212\162\156\200\131\377\127\072  
\371\165\062\243\116\137\354\355\050\142\331\115\163\362\314\201  
\027\140\355\315\353\334\333\247\312\305\176\002\275\362\124\010  
\124\375\264\055\011\054\027\124\112\230\321\124\341\121\147\010  
\322\355\156\176\157\077\322\055\201\131\051\146\313\220\071\225  
\021\036\164\047\376\335\353\257\002\003\001\000\001\243\102\060  
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\035\006\003\125\035\016\004\026\004\024\260\014\360  
\114\060\364\005\130\002\110\375\063\345\122\257\113\204\343\146  
\122\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000  
\003\202\002\001\000\252\250\200\217\016\170\243\340\242\324\315  
\346\365\230\172\073\352\000\003\260\227\016\223\274\132\250\366  
\054\214\162\207\251\261\374\177\163\375\143\161\170\245\207\131  
\317\060\341\015\020\262\023\132\155\202\365\152\346\200\237\240  
\005\013\150\344\107\153\307\152\337\266\375\167\062\162\345\030  
\372\011\364\240\223\054\135\322\214\165\205\166\145\220\014\003  
\171\267\061\043\143\255\170\203\011\206\150\204\312\377\371\317  
\046\232\222\171\347\315\113\305\347\141\247\027\313\363\251\022  
\223\223\153\247\350\057\123\222\304\140\130\260\314\002\121\030  
\133\205\215\142\131\143\266\255\264\336\232\373\046\367\000\047  
\300\135\125\067\164\231\311\120\177\343\131\056\104\343\054\045  
\356\354\114\062\167\264\237\032\351\113\135\040\305\332\375\034  
\207\026\306\103\350\324\273\046\232\105\160\136\251\013\067\123  
\342\106\173\047\375\340\106\362\211\267\314\102\266\313\050\046  
\156\331\245\311\072\310\101\023\140\367\120\214\025\256\262\155  
\032\025\032\127\170\346\222\052\331\145\220\202\077\154\002\257  
\256\022\072\047\226\066\004\327\035\242\200\143\251\233\361\345  
\272\264\174\024\260\116\311\261\037\164\137\070\366\121\352\233  
\372\054\242\021\324\251\055\047\032\105\261\257\262\116\161\015  
\300\130\106\326\151\006\313\123\313\263\376\153\101\315\101\176  
\175\114\017\174\162\171\172\131\315\136\112\016\254\233\251\230  
\163\171\174\264\364\314\271\270\007\014\262\164\134\270\307\157  
\210\241\220\247\364\252\371\277\147\072\364\032\025\142\036\267  
\237\276\075\261\051\257\147\241\022\362\130\020\031\123\003\060  
\033\270\032\211\366\234\275\227\003\216\243\011\363\035\213\041  
\361\264\337\344\034\321\237\145\002\006\352\134\326\023\263\204  
\357\242\245\134\214\167\051\247\150\300\153\256\100\322\250\264  
\352\315\360\215\113\070\234\031\232\033\050\124\270\211\220\357  
\312\165\201\076\036\362\144\044\307\030\257\116\377\107\236\007  
\366\065\145\244\323\012\126\377\365\027\144\154\357\250\042\045  
\111\223\266\337\000\027\332\130\176\135\356\305\033\260\321\321  
\137\041\020\307\371\363\272\002\012\047\007\305\361\326\307\323  
\340\373\011\140\154

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Amazon Root CA 2"
# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US
# Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37
# Subject: CN=Amazon Root CA 2,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4
# Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\132\214\357\105\327\246\230\131\166\172\214\213\104\226\265\170
\317\107\113\032
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\310\345\215\316\250\102\342\172\300\052\134\174\236\046\277\146
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 3"
#
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015

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# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\266\060\202\001\133\240\003\002\001\002\002\023\006
\154\237\325\164\227\066\146\077\073\013\232\331\350\236\166\003
\362\112\060\012\006\010\052\206\110\316\075\004\003\002\060\071
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060
\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031
\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040
\122\157\157\164\040\103\101\040\063\060\036\027\015\061\065\060
\065\062\066\060\060\060\060\060\132\027\015\064\060\060\065
\062\066\060\060\060\060\060\060\132\060\071\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040
\103\101\040\063\060\131\060\023\006\007\052\206\110\316\075\002
\001\006\010\052\206\110\316\075\003\001\007\003\102\000\004\051
\227\247\306\101\177\300\015\233\350\001\033\126\306\362\122\245
\272\055\262\022\350\322\056\327\372\311\305\330\252\155\037\163
\201\073\073\230\153\071\174\063\245\305\116\206\216\200\027\150
\142\105\127\175\104\130\035\263\067\345\147\010\353\146\336\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004
```

```
\003\002\001\206\060\035\006\003\125\035\016\004\026\004\024\253
\266\333\327\006\236\067\254\060\206\007\221\160\307\234\304\031
\261\170\300\060\012\006\010\052\206\110\316\075\004\003\002\003
\111\000\060\106\002\041\000\340\205\222\243\027\267\215\371\053
\006\245\223\254\032\230\150\141\162\372\341\241\320\373\034\170
\140\246\103\231\305\270\304\002\041\000\234\002\357\361\224\234
\263\226\371\353\306\052\370\266\054\376\072\220\024\026\327\214
\143\044\110\034\337\060\175\325\150\073
```

END

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

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

```
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
```

```
# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a
```

```
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
```

```
# Not Valid Before: Tue May 26 00:00:00 2015
```

```
# Not Valid After : Sat May 26 00:00:00 2040
```

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

```
18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
```

```
# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Amazon Root CA 3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\015\104\335\214\074\214\032\032\130\165\144\201\351\017\056\052
\377\263\322\156
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\240\324\357\013\367\265\330\111\225\052\354\365\304\374\201\207
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```

#
# Certificate "Amazon Root CA 4"
#
# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
# Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e
# Subject: CN=Amazon Root CA 4,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92
# Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173
\054\310\032\301\016
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\362\060\202\001\170\240\003\002\001\002\002\023\006
\154\237\327\301\273\020\114\051\103\345\161\173\173\054\310\032
\301\016\060\012\006\010\052\206\110\316\075\004\003\003\060\071
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060
\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031
\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040
\122\157\157\164\040\103\101\040\064\060\036\027\015\061\065\060
\065\062\066\060\060\060\060\060\132\027\015\064\060\060\065
\062\066\060\060\060\060\060\060\132\060\071\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040

```

```
\103\101\040\064\060\166\060\020\006\007\052\206\110\316\075\002
\001\006\005\053\201\004\000\042\003\142\000\004\322\253\212\067
\117\243\123\015\376\301\212\173\113\250\173\106\113\143\260\142
\366\055\033\333\010\161\041\322\000\350\143\275\232\047\373\360
\071\156\135\352\075\245\311\201\252\243\133\040\230\105\135\026
\333\375\350\020\155\343\234\340\343\275\137\204\142\363\160\144
\063\240\313\044\057\160\272\210\241\052\240\165\370\201\256\142
\006\304\201\333\071\156\051\260\036\372\056\134\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\206\060\035\006\003\125\035\016\004\026\004\024\323\354\307\072
\145\156\314\341\332\166\232\126\373\234\363\206\155\127\345\201
\060\012\006\010\052\206\110\316\075\004\003\003\003\150\000\060
\145\002\060\072\213\041\361\275\176\021\255\320\357\130\226\057
\326\353\235\176\220\215\053\317\146\125\303\054\343\050\251\160
\012\107\016\360\067\131\022\377\055\231\224\050\116\052\117\065
\115\063\132\002\061\000\352\165\000\116\073\304\072\224\022\221
\311\130\106\235\041\023\162\247\210\234\212\344\114\112\333\226
\324\254\213\153\153\111\022\123\063\255\327\344\276\044\374\265
\012\166\324\245\274\020
```

END

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

```
# Trust for "Amazon Root CA 4"
```

```
# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
```

```
# Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e
```

```
# Subject: CN=Amazon Root CA 4,O=Amazon,C=US
```

```
# Not Valid Before: Tue May 26 00:00:00 2015
```

```
# Not Valid After : Sat May 26 00:00:00 2040
```

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

```
E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92
```

```
# Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Amazon Root CA 4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\366\020\204\007\326\370\273\147\230\014\302\342\104\302\353\256
\034\357\143\276
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\211\274\047\325\353\027\215\006\152\151\325\375\211\107\264\315
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
```

```
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\064
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173
\054\310\032\301\016
END
```

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

```
#
# Certificate "Symantec Class 1 Public Primary Certification Authority - G6"
#
# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9
# Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
```

```
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
```

\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061  
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\066

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320  
\363\230

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\044  
\062\165\362\035\057\322\011\063\367\264\152\312\320\363\230\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035  
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145  
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060  
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143  
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105  
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145  
\143\040\103\154\141\163\163\040\061\040\120\165\142\154\151\143  
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060  
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063  
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024  
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141  
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123  
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074  
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\061  
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165  
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\307\071\327  
\111\144\251\231\202\042\114\352\105\331\007\026\343\173\364\203  
\350\231\163\372\153\261\066\340\232\167\240\100\302\201\215\001  
\307\314\214\275\217\175\367\171\343\172\114\003\115\331\373\375  
\207\070\050\054\335\232\213\124\010\333\147\373\033\214\376\050  
\222\057\276\267\262\110\247\201\241\330\136\210\303\314\071\100  
\101\132\321\334\345\332\020\237\057\332\001\115\375\056\106\174  
\371\056\047\012\151\067\356\221\243\033\152\314\104\277\033\307  
\303\324\021\262\120\140\227\011\275\056\042\365\101\204\146\237

\315\100\246\251\000\200\301\037\225\222\237\336\363\110\357\333  
\035\167\141\374\177\337\356\226\244\162\320\266\076\377\170\047  
\257\313\222\025\151\010\333\143\020\342\346\227\254\156\334\254  
\366\242\316\036\107\231\271\211\267\022\346\241\324\315\131\021  
\147\303\157\205\330\102\116\050\276\131\125\131\004\225\253\217  
\067\200\277\015\360\374\037\072\144\061\130\201\170\327\342\065  
\366\040\077\051\270\217\026\156\076\110\334\265\114\007\341\362  
\032\352\176\012\171\326\250\275\353\135\206\053\115\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\063\101\350\310\071\022\025\223\110\362\226\062\056\132  
\365\332\224\137\123\140\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\025\343\163\127\261\027  
\266\137\111\151\104\246\366\136\172\147\254\322\336\165\111\253  
\376\045\125\307\072\311\104\025\020\156\277\061\153\313\331\007  
\223\177\034\205\143\000\343\062\022\340\314\313\373\071\154\217  
\342\123\342\074\100\063\331\244\214\107\346\255\130\373\211\257  
\343\336\206\051\126\064\054\105\270\022\372\104\211\156\055\024  
\045\050\044\001\145\326\352\122\254\005\156\126\022\011\075\320  
\164\364\327\275\006\312\250\072\215\126\102\372\215\162\076\164  
\361\003\162\337\207\033\136\016\172\125\226\054\070\267\230\205  
\315\115\063\104\311\224\217\132\061\060\067\113\243\072\022\263  
\347\066\321\041\150\113\055\070\346\123\256\034\045\126\010\126  
\003\147\204\235\306\303\316\044\142\307\114\066\317\260\006\104  
\267\365\137\002\335\331\124\351\057\220\116\172\310\116\203\100  
\014\232\227\074\067\277\277\354\366\360\264\205\167\050\301\013  
\310\147\202\020\027\070\242\267\006\352\233\277\072\370\351\043  
\007\277\164\340\230\070\025\125\170\356\162\000\134\031\243\364  
\322\063\340\377\275\321\124\071\051\017

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

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

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER MULTILINE\_OCTAL

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

END

# Trust for "Symantec Class 1 Public Primary Certification Authority - G6"

# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98

# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Not Valid Before: Tue Oct 18 00:00:00 2011

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (SHA-256):

9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9

```

# Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\121\177\141\036\051\221\153\123\202\373\162\347\104\331\215\303
\314\123\155\144
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\057\250\264\332\366\144\113\036\202\371\106\075\124\032\174\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Symantec Class 2 Public Primary Certification Authority - G6"
#
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0
# Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\144
\202\236\374\067\036\164\135\374\227\377\227\310\261\377\101\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145
\143\040\103\154\141\163\163\040\062\040\120\165\142\154\151\143
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060
```

\060\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063  
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024  
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141  
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123  
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074  
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\062  
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165  
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\315\314\351  
\005\310\143\205\313\077\100\143\027\275\030\372\065\346\004\147  
\127\145\230\051\244\117\311\134\217\017\064\322\370\332\250\023  
\142\252\270\036\120\147\170\260\026\114\240\071\251\025\172\256  
\355\322\242\300\360\220\067\051\030\046\134\350\015\074\266\154  
\111\077\301\340\334\331\113\266\024\031\013\246\323\226\341\326  
\011\343\031\046\034\371\037\145\113\371\032\103\034\000\203\326  
\320\252\111\242\324\333\346\142\070\272\120\024\103\155\371\061  
\370\126\026\331\070\002\221\317\353\154\335\273\071\116\231\341  
\060\147\105\361\324\360\215\303\337\376\362\070\007\041\175\000  
\136\126\104\263\344\140\275\221\053\234\253\133\004\162\017\262  
\050\331\162\253\005\040\102\045\251\133\003\152\040\020\314\061  
\360\053\332\065\054\320\373\232\227\116\360\202\113\053\330\137  
\066\243\013\055\257\143\015\035\045\177\241\156\134\142\241\215  
\050\076\241\374\034\040\370\001\057\272\125\232\021\260\031\322  
\310\120\171\153\016\152\005\327\252\004\066\262\243\362\341\137  
\167\247\167\234\345\036\334\351\337\152\301\145\135\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\207\214\040\225\310\230\112\321\326\200\006\112\220\064  
\104\337\034\115\277\260\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\201\216\262\245\146\226  
\267\041\245\266\357\157\043\132\137\333\201\305\102\245\170\301  
\151\375\364\074\327\371\134\153\160\162\032\374\132\227\115\000  
\200\210\210\202\212\303\161\015\216\305\211\233\054\355\215\013  
\322\162\124\365\175\324\134\103\127\351\363\256\245\002\021\366  
\166\053\201\127\335\175\332\164\060\375\124\107\366\340\026\156  
\246\264\012\110\346\347\165\007\017\051\031\071\316\171\364\266  
\154\305\137\231\325\037\113\372\337\155\054\074\015\124\200\160  
\360\210\013\200\317\306\150\242\270\035\160\331\166\214\374\356  
\245\311\317\255\035\317\231\045\127\132\142\105\313\026\153\275  
\111\315\245\243\214\151\171\045\256\270\114\154\213\100\146\113  
\026\077\317\002\032\335\341\154\153\007\141\152\166\025\051\231  
\177\033\335\210\200\301\277\265\217\163\305\246\226\043\204\246  
\050\206\044\063\152\001\056\127\163\045\266\136\277\217\346\035

```
\141\250\100\051\147\035\207\233\035\177\233\237\231\315\061\326
\124\276\142\273\071\254\150\022\110\221\040\245\313\261\335\376
\157\374\132\344\202\125\131\257\061\251
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
# For Email Distrust After: Wed Aug 31 00:00:00 2022
CKA_NSS_EMAIL_DISTRICT_AFTER MULTILINE_OCTAL
\062\062\060\070\063\061\060\060\060\060\060\060\132
END
```

```
# Trust for "Symantec Class 2 Public Primary Certification Authority - G6"
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0
# Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\100\263\061\240\351\277\350\125\274\071\223\312\160\117\116\302
\121\324\035\217
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\175\013\203\345\373\174\255\007\117\040\251\265\337\143\355\171
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
```

```

\377\101
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root CA 3 2013"
#
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Serial Number: 1039788 (0xfddac)
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Not Valid Before: Fri Sep 20 08:25:51 2013
# Not Valid After : Wed Sep 20 08:25:51 2028
# Fingerprint (SHA-256):
A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57
# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\017\335\254
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\016\060\202\002\366\240\003\002\001\002\002\003\017
\335\254\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003

```

\014\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103  
\101\040\063\040\062\060\061\063\060\036\027\015\061\063\060\071  
\062\060\060\070\062\065\065\061\132\027\015\062\070\060\071\062  
\060\060\070\062\065\065\061\132\060\105\061\013\060\011\006\003  
\125\004\006\023\002\104\105\061\025\060\023\006\003\125\004\012  
\014\014\104\055\124\162\165\163\164\040\107\155\142\110\061\037  
\060\035\006\003\125\004\003\014\026\104\055\124\122\125\123\124  
\040\122\157\157\164\040\103\101\040\063\040\062\060\061\063\060  
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000  
\304\173\102\222\202\037\354\355\124\230\216\022\300\312\011\337  
\223\156\072\223\134\033\344\020\167\236\116\151\210\154\366\341  
\151\362\366\233\242\141\261\275\007\040\164\230\145\361\214\046  
\010\315\250\065\312\200\066\321\143\155\350\104\172\202\303\154  
\136\336\273\350\066\322\304\150\066\214\237\062\275\204\042\340  
\334\302\356\020\106\071\155\257\223\071\256\207\346\303\274\011  
\311\054\153\147\133\331\233\166\165\114\013\340\273\305\327\274  
\076\171\362\137\276\321\220\127\371\256\366\146\137\061\277\323  
\155\217\247\272\112\363\043\145\273\267\357\243\045\327\012\352  
\130\266\357\210\372\372\171\262\122\130\325\360\254\214\241\121  
\164\051\225\252\121\073\220\062\003\237\034\162\164\220\336\075  
\355\141\322\345\343\375\144\107\345\271\267\112\251\367\037\256  
\226\206\004\254\057\343\244\201\167\267\132\026\377\330\017\077  
\366\267\170\314\244\257\372\133\074\022\133\250\122\211\162\357  
\210\363\325\104\201\206\225\043\237\173\335\274\331\064\357\174  
\224\074\252\300\101\302\343\235\120\032\300\344\031\042\374\263  
\002\003\001\000\001\243\202\001\005\060\202\001\001\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035  
\006\003\125\035\016\004\026\004\024\077\220\310\175\307\025\157  
\363\044\217\251\303\057\113\242\017\041\262\057\347\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\276  
\006\003\125\035\037\004\201\266\060\201\263\060\164\240\162\240  
\160\206\156\154\144\141\160\072\057\057\144\151\162\145\143\164  
\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164\057  
\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157\157  
\164\045\062\060\103\101\045\062\060\063\045\062\060\062\060\061  
\063\054\117\075\104\055\124\162\165\163\164\045\062\060\107\155  
\142\110\054\103\075\104\105\077\143\145\162\164\151\146\151\143  
\141\164\145\162\145\166\157\143\141\164\151\157\156\154\151\163  
\164\060\073\240\071\240\067\206\065\150\164\164\160\072\057\057  
\143\162\154\056\144\055\164\162\165\163\164\056\156\145\164\057  
\143\162\154\057\144\055\164\162\165\163\164\137\162\157\157\164  
\137\143\141\137\063\137\062\060\061\063\056\143\162\154\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\016\131\016\130\344\164\110\043\104\317\064\041\265\234  
\024\032\255\232\113\267\263\210\155\134\251\027\160\360\052\237  
\215\173\371\173\205\372\307\071\350\020\010\260\065\053\137\317  
\002\322\323\234\310\013\036\356\005\124\256\067\223\004\011\175

```
\154\217\302\164\274\370\034\224\276\061\001\100\055\363\044\040
\267\204\125\054\134\310\365\164\112\020\031\213\243\307\355\065
\326\011\110\323\016\300\272\071\250\260\106\002\260\333\306\210
\131\302\276\374\173\261\053\317\176\142\207\125\226\314\001\157
\233\147\041\225\065\213\370\020\374\161\033\267\113\067\151\246
\073\326\354\213\356\301\260\363\045\311\217\222\175\241\352\303
\312\104\277\046\245\164\222\234\343\164\353\235\164\331\313\115
\207\330\374\264\151\154\213\240\103\007\140\170\227\351\331\223
\174\302\106\274\233\067\122\243\355\212\074\023\251\173\123\113
\111\232\021\005\054\013\156\126\254\037\056\202\154\340\151\147
\265\016\155\055\331\344\300\025\361\077\372\030\162\341\025\155
\047\133\055\060\050\053\237\110\232\144\053\231\357\362\165\111
\137\134
```

END

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

```
# Trust for "D-TRUST Root CA 3 2013"
```

```
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
```

```
# Serial Number: 1039788 (0xfddac)
```

```
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
```

```
# Not Valid Before: Fri Sep 20 08:25:51 2013
```

```
# Not Valid After : Wed Sep 20 08:25:51 2028
```

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

```
A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57
```

```
# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\154\174\314\347\324\256\121\137\231\010\315\077\366\350\303\170
\337\157\357\227
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\267\042\146\230\176\326\003\340\301\161\346\165\315\126\105\277
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\003\017\335\254
```

```

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

#
# Certificate "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
#
# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Serial Number: 1 (0x1)
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After : Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):
46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16
# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157

```

\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165  
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055  
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145  
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153  
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060  
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040  
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040  
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165  
\162\165\155\040\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\143\060\202\003\113\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122\061  
\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145\040  
\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003\125  
\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154\151  
\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157\152  
\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165\162  
\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055\060  
\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145\162  
\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145  
\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060\064  
\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040\113  
\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040\123  
\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165\162  
\165\155\040\061\060\036\027\015\061\063\061\061\062\065\060\070  
\062\065\065\065\132\027\015\064\063\061\060\062\065\060\070\062  
\065\065\065\132\060\201\322\061\013\060\011\006\003\125\004\006  
\023\002\124\122\061\030\060\026\006\003\125\004\007\023\017\107  
\145\142\172\145\040\055\040\113\157\143\141\145\154\151\061\102  
\060\100\006\003\125\004\012\023\071\124\165\162\153\151\171\145  
\040\102\151\154\151\155\163\145\154\040\166\145\040\124\145\153  
\156\157\154\157\152\151\153\040\101\162\141\163\164\151\162\155  
\141\040\113\165\162\165\155\165\040\055\040\124\125\102\111\124  
\101\113\061\055\060\053\006\003\125\004\013\023\044\113\141\155  
\165\040\123\145\162\164\151\146\151\153\141\163\171\157\156\040  
\115\145\162\153\145\172\151\040\055\040\113\141\155\165\040\123  
\115\061\066\060\064\006\003\125\004\003\023\055\124\125\102\111  
\124\101\113\040\113\141\155\165\040\123\115\040\123\123\114\040  
\113\157\153\040\123\145\162\164\151\146\151\153\141\163\151\040  
\055\040\123\165\162\165\155\040\061\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\257\165\060\063\252\273  
\153\323\231\054\022\067\204\331\215\173\227\200\323\156\347\377

\233\120\225\076\220\225\126\102\327\031\174\046\204\215\222\372  
\001\035\072\017\342\144\070\267\214\274\350\210\371\213\044\253  
\056\243\365\067\344\100\216\030\045\171\203\165\037\073\377\154  
\250\305\306\126\370\264\355\212\104\243\253\154\114\374\035\320  
\334\357\150\275\317\344\252\316\360\125\367\242\064\324\203\153  
\067\174\034\302\376\265\003\354\127\316\274\264\265\305\355\000  
\017\123\067\052\115\364\117\014\203\373\206\317\313\376\214\116  
\275\207\371\247\213\041\127\234\172\337\003\147\211\054\235\227  
\141\247\020\270\125\220\177\016\055\047\070\164\337\347\375\332  
\116\022\343\115\025\042\002\310\340\340\374\017\255\212\327\311  
\124\120\314\073\017\312\026\200\204\320\121\126\303\216\126\177  
\211\042\063\057\346\205\012\275\245\250\033\066\336\323\334\054  
\155\073\307\023\275\131\043\054\346\345\244\367\330\013\355\352  
\220\100\104\250\225\273\223\325\320\200\064\266\106\170\016\037  
\000\223\106\341\356\351\371\354\117\027\002\003\001\000\001\243  
\102\060\100\060\035\006\003\125\035\016\004\026\004\024\145\077  
\307\212\206\306\074\335\074\124\134\065\370\072\355\122\014\107  
\127\310\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\052\077\341\361\062\216\256\341\230  
\134\113\136\317\153\036\152\011\322\042\251\022\307\136\127\175  
\163\126\144\200\204\172\223\344\011\271\020\315\237\052\047\341  
\000\167\276\110\310\065\250\201\237\344\270\054\311\177\016\260  
\322\113\067\135\352\271\325\013\136\064\275\364\163\051\303\355  
\046\025\234\176\010\123\212\130\215\320\113\050\337\301\263\337  
\040\363\371\343\343\072\337\314\234\224\330\116\117\303\153\027  
\267\367\162\350\255\146\063\265\045\123\253\340\370\114\251\235  
\375\362\015\272\256\271\331\252\306\153\371\223\273\256\253\270  
\227\074\003\032\272\103\306\226\271\105\162\070\263\247\241\226  
\075\221\173\176\300\041\123\114\207\355\362\013\124\225\121\223  
\325\042\245\015\212\361\223\016\076\124\016\260\330\311\116\334  
\362\061\062\126\352\144\371\352\265\235\026\146\102\162\363\177  
\323\261\061\103\374\244\216\027\361\155\043\253\224\146\370\255  
\373\017\010\156\046\055\177\027\007\011\262\214\373\120\300\237  
\226\215\317\266\375\000\235\132\024\232\277\002\104\365\301\302  
\237\042\136\242\017\241\343

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"

# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR

# Serial Number: 1 (0x1)

# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR

```

# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After : Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):
46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16
# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\061\103\144\233\354\316\047\354\355\072\077\013\217\015\344\350
\221\335\356\312
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\334\000\201\334\151\057\076\057\260\073\366\075\132\221\216\111
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GDCA TrustAUTH R5 ROOT"
#
# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN
# Serial Number:7d:09:97:fe:f0:47:ea:7a
# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY

```

```
CO.,LTD.",C=CN
# Not Valid Before: Wed Nov 26 05:13:15 2014
# Not Valid After : Mon Dec 31 15:59:59 2040
# Fingerprint (SHA-256):
BF:FF:8F:D0:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93
# Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\210\060\202\003\160\240\003\002\001\002\002\010\175
\011\227\376\360\107\352\172\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\142\061\013\060\011\006\003\125\004
\006\023\002\103\116\061\062\060\060\006\003\125\004\012\014\051
\107\125\101\116\107\040\104\117\116\107\040\103\105\122\124\111
\106\111\103\101\124\105\040\101\125\124\110\117\122\111\124\131
\040\103\117\056\054\114\124\104\056\061\037\060\035\006\003\125
\004\003\014\026\107\104\103\101\040\124\162\165\163\164\101\125
\124\110\040\122\065\040\122\117\117\124\060\036\027\015\061\064
\061\061\062\066\060\065\061\063\061\065\132\027\015\064\060\061
\062\063\061\061\065\065\071\065\071\132\060\142\061\013\060\011
\006\003\125\004\006\023\002\103\116\061\062\060\060\006\003\125
\004\012\014\051\107\125\101\116\107\040\104\117\116\107\040\103
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\105\122\124\111\106\111\103\101\124\105\040\101\125\124\110\117  
\122\111\124\131\040\103\117\056\054\114\124\104\056\061\037\060  
\035\006\003\125\004\003\014\026\107\104\103\101\040\124\162\165  
\163\164\101\125\124\110\040\122\065\040\122\117\117\124\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\331  
\243\026\360\310\164\164\167\233\357\063\015\073\006\176\125\374  
\265\140\217\166\206\022\102\175\126\146\076\210\202\355\162\143  
\016\236\213\335\064\054\002\121\121\303\031\375\131\124\204\311  
\361\153\263\114\260\351\350\106\135\070\306\242\247\056\021\127  
\272\202\025\242\234\217\155\260\231\112\012\362\353\211\160\143  
\116\171\304\267\133\275\242\135\261\362\101\002\053\255\251\072  
\243\354\171\012\354\137\072\343\375\357\200\074\255\064\233\032  
\253\210\046\173\126\242\202\206\037\353\065\211\203\177\137\256  
\051\116\075\266\156\354\256\301\360\047\233\256\343\364\354\357  
\256\177\367\206\075\162\172\353\245\373\131\116\247\353\225\214  
\042\071\171\341\055\010\217\314\274\221\270\101\367\024\301\043  
\251\303\255\232\105\104\263\262\327\054\315\306\051\342\120\020  
\256\134\313\202\216\027\030\066\175\227\346\210\232\260\115\064  
\011\364\054\271\132\146\052\260\027\233\236\036\166\235\112\146  
\061\101\337\077\373\305\006\357\033\266\176\032\106\066\367\144  
\143\073\343\071\030\043\347\147\165\024\325\165\127\222\067\275  
\276\152\033\046\120\362\066\046\006\220\305\160\001\144\155\166  
\146\341\221\333\156\007\300\141\200\056\262\056\057\214\160\247  
\321\073\074\263\221\344\156\266\304\073\160\362\154\222\227\011  
\315\107\175\030\300\363\273\236\017\326\213\256\007\266\132\017  
\316\013\014\107\247\345\076\270\275\175\307\233\065\240\141\227  
\072\101\165\027\314\053\226\167\052\222\041\036\331\225\166\040  
\147\150\317\015\275\337\326\037\011\152\232\342\314\163\161\244  
\057\175\022\200\267\123\060\106\136\113\124\231\017\147\311\245  
\310\362\040\301\202\354\235\021\337\302\002\373\032\073\321\355  
\040\232\357\145\144\222\020\015\052\342\336\160\361\030\147\202  
\214\141\336\270\274\321\057\234\373\017\320\053\355\033\166\271  
\344\071\125\370\370\241\035\270\252\200\000\114\202\347\262\177  
\011\270\274\060\240\057\015\365\122\236\216\367\222\263\012\000  
\035\000\124\227\006\340\261\007\331\307\017\134\145\175\074\155  
\131\127\344\355\245\215\351\100\123\237\025\113\240\161\366\032  
\041\343\332\160\006\041\130\024\207\205\167\171\252\202\171\002  
\003\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004  
\026\004\024\342\311\100\237\115\316\350\232\241\174\317\016\077  
\145\305\051\210\152\031\121\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\003\202\002\001\000\321\111\127\340  
\247\314\150\130\272\001\017\053\031\315\215\260\141\105\254\021  
\355\143\120\151\370\037\177\276\026\217\375\235\353\013\252\062  
\107\166\322\147\044\355\275\174\063\062\227\052\307\005\206\146  
\015\027\175\024\025\033\324\353\375\037\232\366\136\227\151\267

\032\045\244\012\263\221\077\137\066\254\213\354\127\250\076\347  
\201\212\030\127\071\205\164\032\102\307\351\133\023\137\217\371  
\010\351\222\164\215\365\107\322\253\073\326\373\170\146\116\066  
\175\371\351\222\351\004\336\375\111\143\374\155\373\024\161\223  
\147\057\107\112\267\271\377\036\052\163\160\106\060\277\132\362  
\057\171\245\341\215\014\331\371\262\143\067\214\067\145\205\160  
\152\134\133\011\162\271\255\143\074\261\335\370\374\062\277\067  
\206\344\273\216\230\047\176\272\037\026\341\160\021\362\003\337  
\045\142\062\047\046\030\062\204\237\377\000\072\023\272\232\115  
\364\117\270\024\160\042\261\312\053\220\316\051\301\160\364\057  
\235\177\362\220\036\326\132\337\267\106\374\346\206\372\313\340  
\040\166\172\272\246\313\365\174\336\142\245\261\213\356\336\202  
\146\212\116\072\060\037\077\200\313\255\047\272\014\136\327\320  
\261\126\312\167\161\262\265\165\241\120\251\100\103\027\302\050  
\331\317\122\213\133\310\143\324\102\076\240\063\172\106\056\367  
\012\040\106\124\176\152\117\061\361\201\176\102\164\070\145\163  
\047\356\306\174\270\216\327\245\072\327\230\241\234\214\020\125  
\323\333\113\354\100\220\362\315\156\127\322\142\016\174\127\223  
\261\247\155\315\235\203\273\052\347\345\266\073\161\130\255\375  
\321\105\274\132\221\356\123\025\157\323\105\011\165\156\272\220  
\135\036\004\317\067\337\036\250\146\261\214\346\040\152\357\374  
\110\116\164\230\102\257\051\157\056\152\307\373\175\321\146\061  
\042\314\206\000\176\146\203\014\102\364\275\064\222\303\032\352  
\117\312\176\162\115\013\160\214\246\110\273\246\241\024\366\373  
\130\104\231\024\256\252\013\223\151\240\051\045\112\245\313\053  
\335\212\146\007\026\170\025\127\161\033\354\365\107\204\363\236  
\061\067\172\325\177\044\255\344\274\375\375\314\156\203\350\014  
\250\267\101\154\007\335\275\074\206\227\057\322

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GDCA TrustAUTH R5 ROOT"

# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Serial Number:7d:09:97:fe:f0:47:ea:7a

# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Not Valid Before: Wed Nov 26 05:13:15 2014

# Not Valid After : Mon Dec 31 15:59:59 2040

# Fingerprint (SHA-256):

BF:FF:8F:D0:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93

# Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

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CKA_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\066\070\133\201\032\045\303\233\061\116\203\312\351\064\146
\160\314\164\264
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\143\314\331\075\064\065\134\157\123\243\342\010\160\110\037\264
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor RootCert CA-1"
#
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After : Mon Dec 31 17:23:16 2029
# Fingerprint (SHA-256):
D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C
# Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141

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\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101  
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\332\233\354\161\363\003\260\031

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\060\060\202\003\030\240\003\002\001\002\002\011\000  
\332\233\354\161\363\003\260\031\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003  
\125\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010  
\014\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004  
\007\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044  
\060\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157  
\162\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040  
\122\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124  
\162\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060  
\035\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162  
\040\122\157\157\164\103\145\162\164\040\103\101\055\061\060\036  
\027\015\061\066\060\062\060\064\061\062\063\062\061\066\132\027  
\015\062\071\061\062\063\061\061\067\062\063\061\066\132\060\201  
\244\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017  
\060\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061  
\024\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141  
\040\103\151\164\171\061\044\060\042\006\003\125\004\012\014\033  
\124\162\165\163\164\103\157\162\040\123\171\163\164\145\155\163  
\040\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006

\003\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103  
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157  
\162\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124  
\162\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164  
\040\103\101\055\061\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\277\216\267\225\342\302\046\022\153\063  
\031\307\100\130\012\253\131\252\215\000\243\374\200\307\120\173  
\216\324\040\046\272\062\022\330\043\124\111\045\020\042\230\235  
\106\322\301\311\236\116\033\056\054\016\070\363\032\045\150\034  
\246\132\005\346\036\213\110\277\230\226\164\076\151\312\351\265  
\170\245\006\274\325\000\136\011\012\362\047\172\122\374\055\325  
\261\352\264\211\141\044\363\032\023\333\251\317\122\355\014\044  
\272\271\236\354\176\000\164\372\223\255\154\051\222\256\121\264  
\273\323\127\277\263\363\250\215\234\364\044\113\052\326\231\236  
\364\236\376\300\176\102\072\347\013\225\123\332\267\150\016\220  
\114\373\160\077\217\112\054\224\363\046\335\143\151\251\224\330  
\020\116\305\107\010\220\231\033\027\115\271\154\156\357\140\225  
\021\216\041\200\265\275\240\163\330\320\262\167\304\105\352\132  
\046\373\146\166\166\370\006\037\141\155\017\125\305\203\267\020  
\126\162\006\007\245\363\261\032\003\005\144\016\235\132\212\326  
\206\160\033\044\336\376\050\212\053\320\152\260\374\172\242\334  
\262\171\016\213\145\017\002\003\001\000\001\243\143\060\141\060  
\035\006\003\125\035\016\004\026\004\024\356\153\111\074\172\077  
\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060\037  
\006\003\125\035\043\004\030\060\026\200\024\356\153\111\074\172  
\077\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\001\001\000\045\030\324\221\217\023\356\217\036\035\021\123  
\332\055\104\051\031\240\036\153\061\236\115\016\236\255\075\134  
\101\157\225\053\044\241\171\230\072\070\066\373\273\146\236\110  
\377\220\220\357\075\324\270\233\264\207\165\077\040\233\316\162  
\317\241\125\301\115\144\242\031\006\241\007\063\014\013\051\345  
\361\352\253\243\354\265\012\164\220\307\175\162\362\327\134\237  
\221\357\221\213\267\334\355\146\242\317\216\146\073\274\237\072  
\002\340\047\335\026\230\300\225\324\012\244\344\201\232\165\224  
\065\234\220\137\210\067\006\255\131\225\012\260\321\147\323\031  
\312\211\347\062\132\066\034\076\202\250\132\223\276\306\320\144  
\221\266\317\331\266\030\317\333\176\322\145\243\246\304\216\027  
\061\301\373\176\166\333\323\205\343\130\262\167\172\166\073\154  
\057\120\034\347\333\366\147\171\037\365\202\225\232\007\247\024  
\257\217\334\050\041\147\011\322\326\115\132\034\031\034\216\167  
\134\303\224\044\075\062\153\113\176\324\170\224\203\276\067\115  
\316\137\307\036\116\074\340\211\063\225\013\017\245\062\326\074  
\132\171\054\031

END

```

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "TrustCor RootCert CA-1"
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After : Mon Dec 31 17:23:16 2029
# Fingerprint (SHA-256):
D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C
# Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\377\275\315\347\202\310\103\136\074\157\046\206\134\312\250\072
\105\133\303\012
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\156\205\361\334\032\000\323\042\325\262\262\254\153\067\005\105
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\332\233\354\161\363\003\260\031
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

#
# Certificate "TrustCor RootCert CA-2"
#
# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:25:a1:df:ca:33:cb:59:02
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:23 2016
# Not Valid After : Sun Dec 31 17:26:39 2034
# Fingerprint (SHA-256):
07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65
# Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\045\241\337\312\063\313\131\002

```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\057\060\202\004\027\240\003\002\001\002\002\010\045  
\241\337\312\063\313\131\002\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003\125  
\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010\014  
\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004\007  
\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044\060  
\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157\162  
\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040\122  
\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124\162  
\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060\035  
\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162\040  
\122\157\157\164\103\145\162\164\040\103\101\055\062\060\036\027  
\015\061\066\060\062\060\064\061\062\063\062\062\063\132\027\015  
\063\064\061\062\063\061\061\067\062\066\063\071\132\060\201\244  
\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017\060  
\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061\024  
\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141\040  
\103\151\164\171\061\044\060\042\006\003\125\004\012\014\033\124  
\162\165\163\164\103\157\162\040\123\171\163\164\145\155\163\040  
\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006\003  
\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103\145  
\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162  
\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124\162  
\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164\040  
\103\101\055\062\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\247\040\156\302\052\242\142\044\225\220\166  
\310\070\176\200\322\253\301\233\145\005\224\364\301\012\020\325  
\002\254\355\237\223\307\207\310\260\047\053\102\014\075\012\076  
\101\132\236\165\335\215\312\340\233\354\150\062\244\151\222\150  
\214\013\201\016\126\240\076\032\335\054\045\024\202\057\227\323  
\144\106\364\124\251\334\072\124\055\061\053\231\202\362\331\052  
\327\357\161\000\270\061\244\276\172\044\007\303\102\040\362\212  
\324\222\004\033\145\126\114\154\324\373\266\141\132\107\043\264  
\330\151\264\267\072\320\164\074\014\165\241\214\116\166\241\351  
\333\052\245\073\372\316\260\377\176\152\050\375\047\034\310\261  
\351\051\361\127\156\144\264\320\301\025\155\016\276\056\016\106  
\310\136\364\121\376\357\016\143\072\073\161\272\317\157\131\312  
\014\343\233\135\111\270\114\342\127\261\230\212\102\127\234\166  
\357\357\275\321\150\250\322\364\011\273\167\065\276\045\202\010  
\304\026\054\104\040\126\251\104\021\167\357\135\264\035\252\136  
\153\076\213\062\366\007\057\127\004\222\312\365\376\235\302\351  
\350\263\216\114\113\002\061\331\344\074\110\202\047\367\030\202  
\166\110\072\161\261\023\241\071\325\056\305\064\302\035\142\205  
\337\003\376\115\364\257\075\337\134\133\215\372\160\341\245\176

\047\307\206\056\152\217\022\306\204\136\103\121\120\234\031\233  
\170\346\374\366\355\107\176\173\075\146\357\023\023\210\137\074  
\241\143\373\371\254\207\065\237\363\202\236\244\077\012\234\061  
\151\213\231\244\210\112\216\156\146\115\357\026\304\017\171\050  
\041\140\015\205\026\175\327\124\070\361\222\126\375\265\063\114  
\203\334\327\020\237\113\375\306\370\102\275\272\174\163\002\340  
\377\175\315\133\341\324\254\141\173\127\325\112\173\133\324\205  
\130\047\135\277\370\053\140\254\240\046\256\024\041\047\306\167  
\232\063\200\074\136\106\077\367\303\261\243\206\063\306\350\136  
\015\271\065\054\252\106\301\205\002\165\200\240\353\044\373\025  
\252\344\147\177\156\167\077\364\004\212\057\174\173\343\027\141  
\360\335\011\251\040\310\276\011\244\320\176\104\303\262\060\112  
\070\252\251\354\030\232\007\202\053\333\270\234\030\255\332\340  
\106\027\254\317\135\002\003\001\000\001\243\143\060\141\060\035  
\006\003\125\035\016\004\026\004\024\331\376\041\100\156\224\236  
\274\233\075\234\175\230\040\031\345\214\060\142\262\060\037\006  
\003\125\035\043\004\030\060\026\200\024\331\376\041\100\156\224  
\236\274\233\075\234\175\230\040\031\345\214\060\142\262\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\002\001\000\236\105\236\014\073\266\357\341\072\310\174\321\000  
\075\317\342\352\006\265\262\072\273\006\113\150\172\320\043\227  
\164\247\054\360\010\330\171\132\327\132\204\212\330\022\232\033  
\331\175\134\115\160\305\245\371\253\345\243\211\211\335\001\372  
\354\335\371\351\222\227\333\260\106\102\363\323\142\252\225\376  
\061\147\024\151\130\220\012\252\013\356\067\043\307\120\121\264  
\365\176\236\343\173\367\344\314\102\062\055\111\014\313\377\111  
\014\233\036\064\375\156\156\226\212\171\003\266\157\333\011\313  
\375\137\145\024\067\341\070\365\363\141\026\130\344\265\155\015  
\013\004\033\077\120\055\177\263\307\172\032\026\200\140\370\212  
\037\351\033\052\306\371\272\001\032\151\277\322\130\307\124\127  
\010\217\341\071\140\167\113\254\131\204\032\210\361\335\313\117  
\170\327\347\341\063\055\374\356\101\372\040\260\276\313\367\070  
\224\300\341\320\205\017\273\355\054\163\253\355\376\222\166\032  
\144\177\133\015\063\011\007\063\173\006\077\021\244\134\160\074  
\205\300\317\343\220\250\203\167\372\333\346\305\214\150\147\020  
\147\245\122\055\360\304\231\217\177\277\321\153\342\265\107\326  
\331\320\205\231\115\224\233\017\113\215\356\000\132\107\035\021  
\003\254\101\030\257\207\267\157\014\072\217\312\317\334\003\301  
\242\011\310\345\375\200\136\310\140\102\001\033\032\123\132\273  
\067\246\267\274\272\204\351\036\154\032\324\144\332\324\103\376  
\223\213\113\362\054\171\026\020\324\223\013\210\217\241\330\206  
\024\106\221\107\233\050\044\357\127\122\116\134\102\234\252\367  
\111\354\047\350\100\036\263\246\211\042\162\234\365\015\063\264  
\130\243\060\073\335\324\152\124\223\276\032\115\363\223\224\367  
\374\204\013\077\204\040\134\064\003\104\305\332\255\274\012\301  
\002\317\036\345\224\331\363\216\133\330\114\360\235\354\141\027

```
\273\024\062\124\014\002\051\223\036\222\206\366\177\357\347\222
\005\016\131\335\231\010\056\056\372\234\000\122\323\305\146\051
\344\247\227\104\244\016\050\201\023\065\305\366\157\144\346\101
\304\325\057\314\064\105\045\317\101\000\226\075\112\056\302\226
\230\117\116\112\234\227\267\333\037\222\062\310\377\017\121\156
\326\354\011
```

END

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

```
# Trust for "TrustCor RootCert CA-2"
```

```
# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
```

```
# Serial Number:25:a1:df:ca:33:cb:59:02
```

```
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
```

```
# Not Valid Before: Thu Feb 04 12:32:23 2016
```

```
# Not Valid After : Sun Dec 31 17:26:39 2034
```

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

```
07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65
```

```
# Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TrustCor RootCert CA-2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\270\276\155\313\126\361\125\271\143\324\022\312\116\006\064\307
\224\262\034\300
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\242\341\370\030\013\272\105\325\307\101\052\273\067\122\105\144
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```

\002\010\045\241\337\312\063\313\131\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor ECA-1"
#
# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama
City,ST=Panama,C=PA
# Serial Number:00:84:82:2c:5f:1c:62:d0:40
# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama
City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:33 2016
# Not Valid After : Mon Dec 31 17:28:07 2029
# Fingerprint (SHA-256):
5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C
# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor ECA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
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CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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CKA\_VALUE MULTILINE\_OCTAL

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CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TrustCor ECA-1"

# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Serial Number:00:84:82:2c:5f:1c:62:d0:40

# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:33 2016

# Not Valid After : Mon Dec 31 17:28:07 2029

# Fingerprint (SHA-256):

5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C

# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TrustCor ECA-1"

CKA\_CERT\_SHA1\_HASH MULTILINE OCTAL

\130\321\337\225\225\147\153\143\300\360\133\034\027\115\213\204  
\013\310\170\275

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\047\222\043\035\012\365\100\174\351\346\153\235\330\365\347\154

END

CKA\_ISSUER MULTILINE\_OCTAL

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CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\204\202\054\137\034\142\320\100

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CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SSL.com Root Certification Authority RSA"

#

# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:7b:2c:9b:d3:16:80:32:99

# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 17:39:39 2016

# Not Valid After : Tue Feb 12 17:39:39 2041

# Fingerprint (SHA-256):

85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69

# Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com Root Certification Authority RSA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157  
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CKA\_ID UTF8 "0"

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CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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\271

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SSL.com Root Certification Authority RSA"

# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:7b:2c:9b:d3:16:80:32:99

# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 17:39:39 2016

# Not Valid After : Tue Feb 12 17:39:39 2041

# Fingerprint (SHA-256):

85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69

# Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com Root Certification Authority RSA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\267\253\063\010\321\352\104\167\272\024\200\022\132\157\275\251  
\066\111\014\273

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\206\151\022\300\160\361\354\254\254\302\325\274\245\133\241\051

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061

```
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\010\173\054\233\323\026\200\062\231
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SSL.com Root Certification Authority ECC"

#

# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:75:e6:df:cb:c1:68:5b:a8

# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 18:14:03 2016

# Not Valid After : Tue Feb 12 18:14:03 2041

# Fingerprint (SHA-256):

34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65

# Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com Root Certification Authority ECC"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
```

\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006  
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\040\105\103\103

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\165\346\337\313\301\150\133\250

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\215\060\202\002\024\240\003\002\001\002\002\010\165  
\346\337\313\301\150\133\250\060\012\006\010\052\206\110\316\075  
\004\003\002\060\174\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170  
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165  
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123  
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\061  
\060\057\006\003\125\004\003\014\050\123\123\114\056\143\157\155  
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103  
\103\060\036\027\015\061\066\060\062\061\062\061\070\061\064\060\063  
\063\132\027\015\064\061\060\062\061\062\061\070\061\064\060\063  
\132\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163  
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164  
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114  
\040\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057  
\006\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122  
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\040\105\103\103\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\105\156\251\120\304\246\043\066\236  
\137\050\215\027\313\226\042\144\077\334\172\216\035\314\010\263  
\242\161\044\272\216\111\271\004\033\107\226\130\253\055\225\310  
\355\236\010\065\310\047\353\211\214\123\130\353\142\212\376\360  
\133\017\153\061\122\143\101\073\211\315\354\354\266\215\031\323  
\064\007\334\273\306\006\177\302\105\225\354\313\177\250\043\340  
\011\351\201\372\363\107\323\243\143\060\141\060\035\006\003\125  
\035\016\004\026\004\024\202\321\205\163\060\347\065\004\323\216  
\002\222\373\345\244\321\304\041\350\315\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125  
\035\043\004\030\060\026\200\024\202\321\205\163\060\347\065\004  
\323\216\002\222\373\345\244\321\304\041\350\315\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\206\060\012\006\010  
\052\206\110\316\075\004\003\002\003\147\000\060\144\002\060\157  
\347\353\131\021\244\140\317\141\260\226\173\355\005\371\057\023  
\221\334\355\345\374\120\153\021\106\106\263\034\041\000\142\273  
\276\303\347\350\315\007\231\371\015\013\135\162\076\304\252\002  
\060\037\274\272\013\342\060\044\373\174\155\200\125\012\231\076

```
\200\015\063\345\146\243\263\243\273\245\325\213\217\011\054\246
\135\176\342\360\007\010\150\155\322\174\151\156\137\337\345\152
\145
END
```

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

```
# Trust for "SSL.com Root Certification Authority ECC"
# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:75:e6:df:cb:c1:68:5b:a8
# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:14:03 2016
# Not Valid After : Tue Feb 12 18:14:03 2041
# Fingerprint (SHA-256):
34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65
# Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\303\031\174\071\044\346\124\257\033\304\253\040\225\172\342\303
\016\023\002\152
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\056\332\344\071\177\234\217\067\321\160\237\046\027\121\072\216
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\165\346\337\313\301\150\133\250
END
```

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

```
#
```

```
# Certificate "SSL.com EV Root Certification Authority RSA R2"
#
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:56:b6:29:cd:34:bc:78:f6
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL
Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Wed May 31 18:14:37 2017
# Not Valid After : Fri May 30 18:14:37 2042
# Fingerprint (SHA-256):
2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C
# Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\126\266\051\315\064\274\170\366
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\353\060\202\003\323\240\003\002\001\002\002\010\126
\266\051\315\064\274\170\366\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014
```

\005\124\145\170\141\163\061\020\060\016\006\003\125\004\007\014  
\007\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004  
\012\014\017\123\123\114\040\103\157\162\160\157\162\141\164\151  
\157\156\061\067\060\065\006\003\125\004\003\014\056\123\123\114  
\056\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\122\123\101\040\122\062\060\036\027\015\061  
\067\060\065\063\061\061\070\061\064\063\067\132\027\015\064\062  
\060\065\063\060\061\070\061\064\063\067\132\060\201\202\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\016\060\014\006  
\003\125\004\010\014\005\124\145\170\141\163\061\020\060\016\006  
\003\125\004\007\014\007\110\157\165\163\164\157\156\061\030\060  
\026\006\003\125\004\012\014\017\123\123\114\040\103\157\162\160  
\157\162\141\164\151\157\156\061\067\060\065\006\003\125\004\003  
\014\056\123\123\114\056\143\157\155\040\105\126\040\122\157\157  
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\040\122\123\101\040\122\062  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\217\066\145\100\341\326\115\300\327\264\351\106\332\153\352  
\063\107\315\114\371\175\175\276\275\055\075\360\333\170\341\206  
\245\331\272\011\127\150\355\127\076\240\320\010\101\203\347\050  
\101\044\037\343\162\025\320\001\032\373\136\160\043\262\313\237  
\071\343\317\305\116\306\222\155\046\306\173\273\263\332\047\235  
\012\206\351\201\067\005\376\360\161\161\354\303\034\351\143\242  
\027\024\235\357\033\147\323\205\125\002\002\326\111\311\314\132  
\341\261\367\157\062\237\311\324\073\210\101\250\234\275\313\253  
\333\155\173\011\037\242\114\162\220\332\053\010\374\317\074\124  
\316\147\017\250\317\135\226\031\013\304\343\162\353\255\321\175  
\035\047\357\222\353\020\277\133\353\073\257\317\200\335\301\322  
\226\004\133\172\176\244\251\074\070\166\244\142\216\240\071\136  
\352\167\317\135\000\131\217\146\054\076\007\242\243\005\046\021  
\151\227\352\205\267\017\226\013\113\310\100\341\120\272\056\212  
\313\367\017\232\042\347\177\232\067\023\315\362\115\023\153\041  
\321\300\314\042\362\241\106\366\104\151\234\312\141\065\007\000  
\157\326\141\010\021\352\272\270\366\351\263\140\345\115\271\354  
\237\024\146\311\127\130\333\315\207\151\370\212\206\022\003\107  
\277\146\023\166\254\167\175\064\044\205\203\315\327\252\234\220  
\032\237\041\054\177\170\267\144\270\330\350\246\364\170\263\125  
\313\204\322\062\304\170\256\243\217\141\335\316\010\123\255\354  
\210\374\025\344\232\015\346\237\032\167\316\114\217\270\024\025  
\075\142\234\206\070\006\000\146\022\344\131\166\132\123\300\002  
\230\242\020\053\150\104\173\216\171\316\063\112\166\252\133\201  
\026\033\265\212\330\320\000\173\136\142\264\011\326\206\143\016  
\246\005\225\111\272\050\213\210\223\262\064\034\330\244\125\156  
\267\034\320\336\231\125\073\043\364\042\340\371\051\146\046\354  
\040\120\167\333\112\013\217\276\345\002\140\160\101\136\324\256  
\120\071\042\024\046\313\262\073\163\164\125\107\007\171\201\071

\250\060\023\104\345\004\212\256\226\023\045\102\017\271\123\304  
\233\374\315\344\034\336\074\372\253\326\006\112\037\147\246\230  
\060\034\335\054\333\334\030\225\127\146\306\377\134\213\126\365  
\167\002\003\001\000\001\243\143\060\141\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125  
\035\043\004\030\060\026\200\024\371\140\273\324\343\325\064\366  
\270\365\006\200\045\247\163\333\106\151\250\236\060\035\006\003  
\125\035\016\004\026\004\024\371\140\273\324\343\325\064\366\270  
\365\006\200\045\247\163\333\106\151\250\236\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\126  
\263\216\313\012\235\111\216\277\244\304\221\273\146\027\005\121  
\230\165\373\345\120\054\172\236\361\024\372\253\323\212\076\377  
\221\051\217\143\213\330\264\251\124\001\015\276\223\206\057\371  
\112\155\307\136\365\127\371\312\125\034\022\276\107\017\066\305  
\337\152\267\333\165\302\107\045\177\271\361\143\370\150\055\125  
\004\321\362\215\260\244\317\274\074\136\037\170\347\245\240\040  
\160\260\004\305\267\367\162\247\336\042\015\275\063\045\106\214  
\144\222\046\343\076\056\143\226\332\233\214\075\370\030\011\327  
\003\314\175\206\202\340\312\004\007\121\120\327\377\222\325\014  
\357\332\206\237\231\327\353\267\257\150\342\071\046\224\272\150  
\267\277\203\323\352\172\147\075\142\147\256\045\345\162\350\342  
\344\354\256\022\366\113\053\074\237\351\260\100\363\070\124\263  
\375\267\150\310\332\306\217\121\074\262\373\221\334\034\347\233  
\235\341\267\015\162\217\342\244\304\251\170\371\353\024\254\306  
\103\005\302\145\071\050\030\002\303\202\262\235\005\276\145\355  
\226\137\145\164\074\373\011\065\056\173\234\023\375\033\017\135  
\307\155\201\072\126\017\314\073\341\257\002\057\042\254\106\312  
\106\074\240\034\114\326\104\264\136\056\134\025\146\011\341\046  
\051\376\306\122\141\272\261\163\377\303\014\234\345\154\152\224  
\077\024\312\100\026\225\204\363\131\251\254\137\114\141\223\155  
\321\073\314\242\225\014\042\246\147\147\104\056\271\331\322\212  
\101\263\146\013\132\373\175\043\245\362\032\260\377\336\233\203  
\224\056\321\077\337\222\267\221\257\005\073\145\307\240\154\261  
\315\142\022\303\220\033\343\045\316\064\274\157\167\166\261\020  
\303\367\005\032\300\326\257\164\142\110\027\167\222\151\220\141  
\034\336\225\200\164\124\217\030\034\303\363\003\320\277\244\103  
\165\206\123\030\172\012\056\011\034\066\237\221\375\202\212\042  
\113\321\016\120\045\335\313\003\014\027\311\203\000\010\116\065  
\115\212\213\355\360\002\224\146\054\104\177\313\225\047\226\027  
\255\011\060\254\266\161\027\156\213\027\366\034\011\324\055\073  
\230\245\161\323\124\023\331\140\363\365\113\146\117\372\361\356  
\040\022\215\264\254\127\261\105\143\241\254\166\251\302\373

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "SSL.com EV Root Certification Authority RSA R2"
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:56:b6:29:cd:34:bc:78:f6
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL
Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Wed May 31 18:14:37 2017
# Not Valid After : Fri May 30 18:14:37 2042
# Fingerprint (SHA-256):
2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C
# Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\072\360\122\233\320\062\240\364\112\203\315\324\272\251\173
\174\056\304\232
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\341\036\061\130\032\256\124\123\002\366\027\152\021\173\115\225
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\126\266\051\315\064\274\170\366
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SSL.com EV Root Certification Authority ECC"
#
# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:2c:29:9c:5b:16:ed:05:95
# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:15:23 2016

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# Not Valid After : Tue Feb 12 18:15:23 2041
# Fingerprint (SHA-256):
22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8
# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\224\060\202\002\032\240\003\002\001\002\002\010\054
\051\234\133\026\355\005\225\060\012\006\010\052\206\110\316\075
\004\003\002\060\177\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\064
\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157\155
\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\105\103\103\060\036\027\015\061\066\060\062\061\062\061\070
```

\061\065\062\063\132\027\015\064\061\060\062\061\062\061\070\061  
\065\062\063\132\060\177\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145  
\170\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157  
\165\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017  
\123\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061  
\064\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157  
\155\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\040\105\103\103\060\166\060\020\006\007\052\206\110\316\075  
\002\001\006\005\053\201\004\000\042\003\142\000\004\252\022\107  
\220\230\033\373\357\303\100\007\203\040\116\361\060\202\242\006  
\321\362\222\206\141\362\366\041\150\312\000\304\307\352\103\000  
\124\206\334\375\037\337\000\270\101\142\134\334\160\026\062\336  
\037\231\324\314\305\007\310\010\037\141\026\007\121\075\175\134  
\007\123\343\065\070\214\337\315\237\331\056\015\112\266\031\056  
\132\160\132\006\355\276\360\241\260\312\320\011\051\243\143\060  
\141\060\035\006\003\125\035\016\004\026\004\024\133\312\136\345  
\336\322\201\252\315\250\055\144\121\266\331\162\233\227\346\117  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\037\006\003\125\035\043\004\030\060\026\200\024\133\312  
\136\345\336\322\201\252\315\250\055\144\121\266\331\162\233\227  
\346\117\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\012\006\010\052\206\110\316\075\004\003\002\003\150  
\000\060\145\002\061\000\212\346\100\211\067\353\351\325\023\331  
\312\324\153\044\363\260\075\207\106\130\032\354\261\337\157\373  
\126\272\160\153\307\070\314\350\261\214\117\017\367\361\147\166  
\016\203\320\036\121\217\002\060\075\366\043\050\046\114\306\140  
\207\223\046\233\262\065\036\272\326\367\074\321\034\316\372\045  
\074\246\032\201\025\133\363\022\017\154\356\145\212\311\207\250  
\371\007\340\142\232\214\134\112

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SSL.com EV Root Certification Authority ECC"  
# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US  
# Serial Number:2c:29:9c:5b:16:ed:05:95  
# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US  
# Not Valid Before: Fri Feb 12 18:15:23 2016  
# Not Valid After : Tue Feb 12 18:15:23 2041  
# Fingerprint (SHA-256):  
22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8  
# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE

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CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\114\335\121\243\321\365\040\062\024\260\306\305\062\043\003\221
\307\106\102\155
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\131\123\042\145\203\102\001\124\300\316\102\271\132\174\362\220
END
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root CA - R6"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Not Valid Before: Wed Dec 10 00:00:00 2014
# Not Valid After : Sun Dec 10 00:00:00 2034
# Fingerprint (SHA-256):
2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69
# Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040

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\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\203\060\202\003\153\240\003\002\001\002\002\016\105  
\346\273\003\203\063\303\205\145\110\346\377\105\121\060\015\006  
\011\052\206\110\206\367\015\001\001\014\005\000\060\114\061\040  
\060\036\006\003\125\004\013\023\027\107\154\157\142\141\154\123  
\151\147\156\040\122\157\157\164\040\103\101\040\055\040\122\066  
\061\023\060\021\006\003\125\004\012\023\012\107\154\157\142\141  
\154\123\151\147\156\061\023\060\021\006\003\125\004\003\023\012  
\107\154\157\142\141\154\123\151\147\156\060\036\027\015\061\064  
\061\062\061\060\060\060\060\060\060\060\132\027\015\063\064\061  
\062\061\060\060\060\060\060\060\060\132\060\114\061\040\060\036  
\006\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147  
\156\040\122\157\157\164\040\103\101\040\055\040\122\066\061\023  
\060\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123  
\151\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154  
\157\142\141\154\123\151\147\156\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\225\007\350\163\312\146\371  
\354\024\312\173\074\367\015\010\361\264\105\013\054\202\264\110  
\306\353\133\074\256\203\270\101\222\063\024\244\157\177\351\052  
\314\306\260\210\153\305\266\211\321\306\262\377\024\316\121\024  
\041\354\112\335\033\132\306\326\207\356\115\072\025\006\355\144  
\146\013\222\200\312\104\336\163\224\116\363\247\211\177\117\170  
\143\010\310\022\120\155\102\146\057\115\271\171\050\115\122\032  
\212\032\200\267\031\201\016\176\304\212\274\144\114\041\034\103  
\150\327\075\074\212\305\262\146\325\220\232\267\061\006\305\276  
\342\155\062\006\246\036\371\271\353\252\243\270\277\276\202\143  
\120\320\360\030\211\337\344\017\171\365\352\242\037\052\322\160  
\056\173\347\274\223\273\155\123\342\110\174\214\020\007\070\377  
\146\262\167\141\176\340\352\214\074\252\264\244\366\363\225\112  
\022\007\155\375\214\262\211\317\320\240\141\167\310\130\164\260  
\324\043\072\367\135\072\312\242\333\235\011\336\135\104\055\220  
\361\201\315\127\222\372\176\274\120\004\143\064\337\153\223\030

\276\153\066\262\071\344\254\044\066\267\360\357\266\034\023\127  
\223\266\336\262\370\342\205\267\163\242\270\065\252\105\362\340  
\235\066\241\157\124\212\361\162\126\156\056\210\305\121\102\104  
\025\224\356\243\305\070\226\233\116\116\132\013\107\363\006\066  
\111\167\060\274\161\067\345\246\354\041\010\165\374\346\141\026  
\077\167\325\331\221\227\204\012\154\324\002\115\164\300\024\355  
\375\071\373\203\362\136\024\241\004\260\013\351\376\356\217\341  
\156\013\262\010\263\141\146\011\152\261\006\072\145\226\131\300  
\360\065\375\311\332\050\215\032\021\207\160\201\012\250\232\165  
\035\236\072\206\005\000\236\333\200\326\045\371\334\005\236\047  
\131\114\166\071\133\352\371\245\241\330\203\017\321\377\337\060  
\021\371\205\317\063\110\365\312\155\144\024\054\172\130\117\323  
\113\010\111\305\225\144\032\143\016\171\075\365\263\214\312\130  
\255\234\102\105\171\156\016\207\031\134\124\261\145\266\277\214  
\233\334\023\351\015\157\270\056\334\147\156\311\213\021\265\204  
\024\212\000\031\160\203\171\221\227\221\324\032\047\277\067\036  
\062\007\330\024\143\074\050\114\257\002\003\001\000\001\243\143  
\060\141\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\035\006\003\125\035\016\004\026\004\024\256\154  
\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310\147  
\123\240\060\037\006\003\125\035\043\004\030\060\026\200\024\256  
\154\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310  
\147\123\240\060\015\006\011\052\206\110\206\367\015\001\001\014  
\005\000\003\202\002\001\000\203\045\355\350\321\375\225\122\315  
\236\300\004\240\221\151\346\134\320\204\336\334\255\242\117\350  
\107\170\326\145\230\251\133\250\074\207\174\002\212\321\156\267  
\026\163\346\137\300\124\230\325\164\276\301\315\342\021\221\255  
\043\030\075\335\341\162\104\226\264\225\136\300\173\216\231\170  
\026\103\023\126\127\263\242\263\073\265\167\334\100\162\254\243  
\353\233\065\076\261\010\041\241\347\304\103\067\171\062\276\265  
\347\234\054\114\274\103\051\231\216\060\323\254\041\340\343\035  
\372\330\007\063\166\124\000\042\052\271\115\040\056\160\150\332  
\345\123\374\203\134\323\235\362\377\104\014\104\146\362\322\343  
\275\106\000\032\155\002\272\045\135\215\241\061\121\335\124\106  
\034\115\333\231\226\357\032\034\004\134\246\025\357\170\340\171  
\376\135\333\076\252\114\125\375\232\025\251\157\341\246\373\337  
\160\060\351\303\356\102\106\355\302\223\005\211\372\175\143\173  
\077\320\161\201\174\000\350\230\256\016\170\064\303\045\373\257  
\012\237\040\153\335\073\023\217\022\214\342\101\032\110\172\163  
\240\167\151\307\266\134\177\202\310\036\376\130\033\050\053\250  
\154\255\136\155\300\005\322\173\267\353\200\376\045\067\376\002  
\233\150\254\102\135\303\356\365\314\334\360\120\165\322\066\151  
\234\346\173\004\337\156\006\151\266\336\012\011\110\131\207\353  
\173\024\140\172\144\252\151\103\357\221\307\114\354\030\335\154  
\357\123\055\214\231\341\136\362\162\076\317\124\310\275\147\354  
\244\017\114\105\377\323\271\060\043\007\114\217\020\277\206\226  
\331\231\132\264\231\127\034\244\314\273\025\211\123\272\054\005

```
\017\344\304\236\031\261\030\064\325\114\235\272\355\367\037\257
\044\225\004\170\250\003\273\356\201\345\332\137\174\213\112\241
\220\164\045\247\263\076\113\310\054\126\275\307\310\357\070\342
\134\222\360\171\367\234\204\272\164\055\141\001\040\176\176\321
\362\117\007\131\137\213\055\103\122\353\106\014\224\341\365\146
\107\171\167\325\124\133\037\255\044\067\313\105\132\116\240\104
\110\310\330\260\231\305\025\204\011\366\326\111\111\300\145\270
\346\032\161\156\240\250\361\202\350\105\076\154\326\002\327\012
\147\203\005\132\311\244\020
```

END

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

```
# Trust for "GlobalSign Root CA - R6"
```

```
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
```

```
# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51
```

```
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
```

```
# Not Valid Before: Wed Dec 10 00:00:00 2014
```

```
# Not Valid After : Sun Dec 10 00:00:00 2034
```

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

```
2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69
```

```
# Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\200\224\144\016\265\247\241\312\021\234\037\335\325\237\201\002
\143\247\373\321
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\117\335\007\344\324\042\144\071\036\014\067\102\352\321\306\256
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "OISTE WISeKey Global Root GC CA"

#

# Issuer: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH

# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea

# Subject: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH

# Not Valid Before: Tue May 09 09:48:34 2017

# Not Valid After : Fri May 09 09:58:33 2042

# Fingerprint (SHA-256):

85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D

# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "OISTE WISeKey Global Root GC CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055  
\072\352

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\151\060\202\001\357\240\003\002\001\002\002\020\041  
\052\126\014\256\332\014\253\100\105\277\053\242\055\072\352\060  
\012\006\010\052\206\110\316\075\004\003\003\060\155\061\013\060  
\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003  
\125\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040

\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165  
\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144  
\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105  
\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040  
\122\157\157\164\040\107\103\040\103\101\060\036\027\015\061\067  
\060\065\060\071\060\071\064\070\063\064\132\027\015\064\062\060  
\065\060\071\060\071\065\070\063\063\132\060\155\061\013\060\011  
\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003\125  
\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040\006  
\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156  
\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061  
\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040  
\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122  
\157\157\164\040\107\103\040\103\101\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\114\351\120\300\306\017\162\030\274\330\361\272\263\211\342  
\171\112\243\026\247\153\124\044\333\121\377\352\364\011\044\303  
\013\042\237\313\152\047\202\201\015\322\300\257\061\344\164\202  
\156\312\045\331\214\165\235\361\333\320\232\242\113\041\176\026  
\247\143\220\322\071\324\261\207\170\137\030\226\017\120\033\065  
\067\017\152\306\334\331\023\115\244\216\220\067\346\275\133\061  
\221\243\124\060\122\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004  
\024\110\207\024\254\343\303\236\220\140\072\327\312\211\356\323  
\255\214\264\120\146\060\020\006\011\053\006\001\004\001\202\067  
\025\001\004\003\002\001\000\060\012\006\010\052\206\110\316\075  
\004\003\003\003\150\000\060\145\002\060\046\307\151\133\334\325  
\347\262\347\310\014\214\214\303\335\171\214\033\143\325\311\122  
\224\116\115\202\112\163\036\262\200\204\251\045\300\114\132\155  
\111\051\140\170\023\342\176\110\353\144\002\061\000\333\064\040  
\062\010\377\232\111\002\266\210\336\024\257\135\154\231\161\215  
\032\077\213\327\340\242\066\206\034\007\202\072\166\123\375\302  
\242\355\357\173\260\200\117\130\017\113\123\071\275

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "OISTE WISEKey Global Root GC CA"

# Issuer: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea

# Subject: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Not Valid Before: Tue May 09 09:48:34 2017

# Not Valid After : Fri May 09 09:58:33 2042

# Fingerprint (SHA-256):

85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D

# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GC CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\340\021\204\136\064\336\276\210\201\271\234\366\026\046\321\226
\037\303\271\061
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\251\326\271\055\057\223\144\370\245\151\312\221\351\150\007\043
END
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055
\072\352
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "UCA Global G2 Root"
#
# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef
# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 11 00:00:00 2016
# Not Valid After : Mon Dec 31 00:00:00 2040
# Fingerprint (SHA-256):
9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C
# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165  
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101  
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165  
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101  
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003  
\220\357

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\106\060\202\003\056\240\003\002\001\002\002\020\135  
\337\261\332\132\243\355\135\276\132\145\040\145\003\220\357\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\075  
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060  
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164  
\061\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107  
\154\157\142\141\154\040\107\062\040\122\157\157\164\060\036\027  
\015\061\066\060\063\061\061\060\060\060\060\060\060\132\027\015  
\064\060\061\062\063\061\060\060\060\060\060\060\132\060\075\061  
\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060\017  
\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164\061  
\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107\154  
\157\142\141\154\040\107\062\040\122\157\157\164\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\305\346\053  
\157\174\357\046\005\047\243\201\044\332\157\313\001\371\231\232  
\251\062\302\042\207\141\101\221\073\313\303\150\033\006\305\114  
\251\053\301\147\027\042\035\053\355\371\051\211\223\242\170\275  
\222\153\240\243\015\242\176\312\223\263\246\321\214\065\325\165  
\371\027\366\317\105\305\345\172\354\167\223\240\217\043\256\016  
\032\003\177\276\324\320\355\056\173\253\106\043\133\377\054\346  
\124\172\224\300\052\025\360\311\215\260\172\073\044\341\327\150  
\342\061\074\006\063\106\266\124\021\246\245\057\042\124\052\130  
\015\001\002\361\372\025\121\147\154\300\372\327\266\033\177\321  
\126\210\057\032\072\215\073\273\202\021\340\107\000\320\122\207  
\253\373\206\176\017\044\153\100\235\064\147\274\215\307\055\206  
\157\171\076\216\251\074\027\113\177\260\231\343\260\161\140\334  
\013\365\144\303\316\103\274\155\161\271\322\336\047\133\212\350  
\330\306\256\341\131\175\317\050\055\065\270\225\126\032\361\262  
\130\113\267\022\067\310\174\263\355\113\200\341\215\372\062\043  
\266\157\267\110\225\010\261\104\116\205\214\072\002\124\040\057

\337\277\127\117\073\072\220\041\327\301\046\065\124\040\354\307  
\077\107\354\357\132\277\113\172\301\255\073\027\120\134\142\330  
\017\113\112\334\053\372\156\274\163\222\315\354\307\120\350\101  
\226\327\251\176\155\330\351\035\217\212\265\271\130\222\272\112  
\222\053\014\126\375\200\353\010\360\136\051\156\033\034\014\257  
\217\223\211\255\333\275\243\236\041\312\211\031\354\337\265\303  
\032\353\026\376\170\066\114\326\156\320\076\027\034\220\027\153  
\046\272\373\172\057\277\021\034\030\016\055\163\003\217\240\345  
\065\240\132\342\114\165\035\161\341\071\070\123\170\100\314\203  
\223\327\012\236\235\133\217\212\344\345\340\110\344\110\262\107  
\315\116\052\165\052\173\362\042\366\311\276\011\221\226\127\172  
\210\210\254\356\160\254\371\334\051\343\014\034\073\022\116\104  
\326\247\116\260\046\310\363\331\032\227\221\150\352\357\215\106  
\006\322\126\105\130\232\074\014\017\203\270\005\045\303\071\317  
\073\244\064\211\267\171\022\057\107\305\347\251\227\151\374\246  
\167\147\265\337\173\361\172\145\025\344\141\126\145\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\201\304\214\314\365\344\060\377\245\014\010\137\214\025  
\147\041\164\001\337\337\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\002\001\000\023\145\042\365\216\053  
\255\104\344\313\377\271\150\346\303\200\110\075\004\173\372\043  
\057\172\355\066\332\262\316\155\366\346\236\345\137\130\217\313  
\067\062\241\310\145\266\256\070\075\065\033\076\274\073\266\004  
\320\274\371\111\365\233\367\205\305\066\266\313\274\370\310\071  
\325\344\137\007\275\025\124\227\164\312\312\355\117\272\272\144  
\166\237\201\270\204\105\111\114\215\157\242\353\261\314\321\303  
\224\332\104\302\346\342\352\030\350\242\037\047\005\272\327\345  
\326\251\315\335\357\166\230\215\000\016\315\033\372\003\267\216  
\200\130\016\047\077\122\373\224\242\312\136\145\311\326\204\332  
\271\065\161\363\046\300\117\167\346\201\047\322\167\073\232\024  
\157\171\364\366\320\341\323\224\272\320\127\121\275\047\005\015  
\301\375\310\022\060\356\157\215\021\053\010\235\324\324\277\200  
\105\024\232\210\104\332\060\352\264\247\343\356\357\133\202\325  
\076\326\255\170\222\333\134\074\363\330\255\372\270\153\177\304  
\066\050\266\002\025\212\124\054\234\260\027\163\216\320\067\243  
\024\074\230\225\000\014\051\005\133\236\111\111\261\137\307\343  
\313\317\047\145\216\065\027\267\127\310\060\331\101\133\271\024  
\266\350\302\017\224\061\247\224\230\314\152\353\265\341\047\365  
\020\250\001\350\216\022\142\350\210\314\265\177\106\227\300\233  
\020\146\070\032\066\106\137\042\150\075\337\311\306\023\047\253  
\123\006\254\242\074\206\006\145\157\261\176\261\051\104\232\243  
\272\111\151\050\151\217\327\345\137\255\004\206\144\157\032\240  
\014\305\010\142\316\200\243\320\363\354\150\336\276\063\307\027  
\133\177\200\304\114\114\261\246\204\212\303\073\270\011\315\024  
\201\272\030\343\124\127\066\376\333\057\174\107\241\072\063\310  
\371\130\073\104\117\261\312\002\211\004\226\050\150\305\113\270

```
\046\211\273\326\063\057\120\325\376\232\211\272\030\062\222\124
\306\133\340\235\371\136\345\015\042\233\366\332\342\310\041\262
\142\041\252\206\100\262\056\144\323\137\310\343\176\021\147\105
\037\005\376\343\242\357\263\250\263\363\175\217\370\014\037\042
\037\055\160\264\270\001\064\166\060\000\345\043\170\247\126\327
\120\037\212\373\006\365\302\031\360\320
```

END

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

# Trust for "UCA Global G2 Root"

# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef

# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Not Valid Before: Fri Mar 11 00:00:00 2016

# Not Valid After : Mon Dec 31 00:00:00 2040

# Fingerprint (SHA-256):

9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C

# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "UCA Global G2 Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\050\371\170\026\031\172\377\030\045\030\252\104\376\301\240\316
\134\266\114\212
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\200\376\360\304\112\360\134\142\062\237\034\272\170\251\120\370
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

```

# Certificate "UCA Extended Validation Root"
#
# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60
# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 13 00:00:00 2015
# Not Valid After : Fri Dec 31 00:00:00 2038
# Fingerprint (SHA-256):
D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24
# Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Extended Validation Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\117
\322\053\217\365\144\310\063\236\117\064\130\146\043\160\140\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\107
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164
\061\045\060\043\006\003\125\004\003\014\034\125\103\101\040\105
\170\164\145\156\144\145\144\040\126\141\154\151\144\141\164\151
\157\156\040\122\157\157\164\060\036\027\015\061\065\060\063\061
\063\060\060\060\060\060\060\132\027\015\063\070\061\062\063\061
\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125
\004\006\023\002\103\116\061\021\060\017\006\003\125\004\012\014
\010\125\156\151\124\162\165\163\164\061\045\060\043\006\003\125

```

\004\003\014\034\125\103\101\040\105\170\164\145\156\144\145\144  
\040\126\141\154\151\144\141\164\151\157\156\040\122\157\157\164  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\251\011\007\050\023\002\260\231\340\144\252\036\103\026\172  
\163\261\221\240\165\076\250\372\343\070\000\172\354\211\152\040  
\017\213\305\260\233\063\003\132\206\306\130\206\325\301\205\273  
\117\306\234\100\115\312\276\356\151\226\270\255\201\060\232\174  
\222\005\353\005\053\232\110\320\270\166\076\226\310\040\273\322  
\260\361\217\330\254\105\106\377\252\147\140\264\167\176\152\037  
\074\032\122\172\004\075\007\074\205\015\204\320\037\166\012\367  
\152\024\337\162\343\064\174\127\116\126\001\076\171\361\252\051  
\073\154\372\370\217\155\115\310\065\337\256\353\334\044\356\171  
\105\247\205\266\005\210\336\210\135\045\174\227\144\147\011\331  
\277\132\025\005\206\363\011\036\354\130\062\063\021\363\167\144  
\260\166\037\344\020\065\027\033\362\016\261\154\244\052\243\163  
\374\011\037\036\062\031\123\021\347\331\263\054\056\166\056\241  
\243\336\176\152\210\011\350\362\007\212\370\262\315\020\347\342  
\163\100\223\273\010\321\077\341\374\013\224\263\045\357\174\246  
\327\321\257\237\377\226\232\365\221\173\230\013\167\324\176\350  
\007\322\142\265\225\071\343\363\361\155\017\016\145\204\212\143  
\124\305\200\266\340\236\113\175\107\046\247\001\010\135\321\210  
\236\327\303\062\104\372\202\112\012\150\124\177\070\123\003\314  
\244\000\063\144\121\131\013\243\202\221\172\136\354\026\302\363  
\052\346\142\332\052\333\131\142\020\045\112\052\201\013\107\007  
\103\006\160\207\322\372\223\021\051\172\110\115\353\224\307\160  
\115\257\147\325\121\261\200\040\001\001\264\172\010\246\220\177  
\116\340\357\007\101\207\257\152\245\136\213\373\317\120\262\232  
\124\257\303\211\272\130\055\365\060\230\261\066\162\071\176\111  
\004\375\051\247\114\171\344\005\127\333\224\271\026\123\215\106  
\263\035\225\141\127\126\177\257\360\026\133\141\130\157\066\120  
\021\013\330\254\053\225\026\032\016\037\010\315\066\064\145\020  
\142\146\325\200\137\024\040\137\055\014\240\170\012\150\326\054  
\327\351\157\053\322\112\005\223\374\236\157\153\147\377\210\361  
\116\245\151\112\122\067\005\352\306\026\215\322\304\231\321\202  
\053\073\272\065\165\367\121\121\130\363\310\007\335\344\264\003  
\177\002\003\001\000\001\243\102\060\100\060\035\006\003\125\035  
\016\004\026\004\024\331\164\072\344\060\075\015\367\022\334\176  
\132\005\237\036\064\232\367\341\024\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\066\215  
\227\314\102\025\144\051\067\233\046\054\326\373\256\025\151\054  
\153\032\032\367\137\266\371\007\114\131\352\363\311\310\271\256  
\314\272\056\172\334\300\365\260\055\300\073\257\237\160\005\021  
\152\237\045\117\001\051\160\343\345\014\341\352\132\174\334\111  
\273\301\036\052\201\365\026\113\162\221\310\242\061\271\252\332  
\374\235\037\363\135\100\002\023\374\116\034\006\312\263\024\220

\124\027\031\022\032\361\037\327\014\151\132\366\161\170\364\224  
\175\221\013\216\354\220\124\216\274\157\241\114\253\374\164\144  
\375\161\232\370\101\007\241\315\221\344\074\232\340\233\062\071  
\163\253\052\325\151\310\170\221\046\061\175\342\307\060\361\374  
\024\170\167\022\016\023\364\335\026\224\277\113\147\173\160\123  
\205\312\260\273\363\070\115\054\220\071\300\015\302\135\153\351  
\342\345\325\210\215\326\054\277\253\033\276\265\050\207\022\027  
\164\156\374\175\374\217\320\207\046\260\033\373\271\154\253\342  
\236\075\025\301\073\056\147\002\130\221\237\357\370\102\037\054  
\267\150\365\165\255\317\265\366\377\021\175\302\360\044\245\255  
\323\372\240\074\251\372\135\334\245\240\357\104\244\276\326\350  
\345\344\023\226\027\173\006\076\062\355\307\267\102\274\166\243  
\330\145\070\053\070\065\121\041\016\016\157\056\064\023\100\341  
\053\147\014\155\112\101\060\030\043\132\062\125\231\311\027\340  
\074\336\366\354\171\255\053\130\031\242\255\054\042\032\225\216  
\276\226\220\135\102\127\304\371\024\003\065\053\034\055\121\127  
\010\247\072\336\077\344\310\264\003\163\302\301\046\200\273\013  
\102\037\255\015\257\046\162\332\314\276\263\243\203\130\015\202  
\305\037\106\121\343\234\030\314\215\233\215\354\111\353\165\120  
\325\214\050\131\312\164\064\332\214\013\041\253\036\352\033\345  
\307\375\025\076\300\027\252\373\043\156\046\106\313\372\371\261  
\162\153\151\317\042\204\013\142\017\254\331\031\000\224\242\166  
\074\324\055\232\355\004\236\055\006\142\020\067\122\034\205\162  
\033\047\345\314\306\061\354\067\354\143\131\233\013\035\166\314  
\176\062\232\210\225\010\066\122\273\336\166\137\166\111\111\255  
\177\275\145\040\262\311\301\053\166\030\166\237\126\261

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "UCA Extended Validation Root"

# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN

# Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60

# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN

# Not Valid Before: Fri Mar 13 00:00:00 2015

# Not Valid After : Fri Dec 31 00:00:00 2038

# Fingerprint (SHA-256):

D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24

# Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "UCA Extended Validation Root"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\243\241\260\157\044\141\043\112\343\066\245\302\067\374\246\377

\335\360\327\072

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\241\363\137\103\306\064\233\332\277\214\176\005\123\255\226\342
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certigna Root CA"
#
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1
# Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Not Valid Before: Tue Oct 01 08:32:27 2013
# Not Valid After : Sat Oct 01 08:32:27 2033
# Fingerprint (SHA-256):
D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68
# Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061

```

\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157  
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060  
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063  
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164  
\151\147\156\141\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304  
\343\246\341

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\133\060\202\004\103\240\003\002\001\002\002\021\000  
\312\351\033\211\361\125\003\015\243\346\101\155\304\343\246\341  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061\022  
\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157\164  
\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060\060  
\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063\066  
\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164\151  
\147\156\141\040\122\157\157\164\040\103\101\060\036\027\015\061  
\063\061\060\060\061\060\070\063\062\062\067\132\027\015\063\063  
\061\060\060\061\060\070\063\062\062\067\132\060\132\061\013\060  
\011\006\003\125\004\006\023\002\106\122\061\022\060\020\006\003  
\125\004\012\014\011\104\150\151\155\171\157\164\151\163\061\034  
\060\032\006\003\125\004\013\014\023\060\060\060\062\040\064\070  
\061\064\066\063\060\070\061\060\060\060\063\066\061\031\060\027  
\006\003\125\004\003\014\020\103\145\162\164\151\147\156\141\040  
\122\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\315\030\071\145\032\131\261\352  
\144\026\016\214\224\044\225\174\203\323\305\071\046\334\014\357  
\026\127\215\327\330\254\243\102\177\202\312\355\315\133\333\016  
\267\055\355\105\010\027\262\331\263\313\326\027\122\162\050\333  
\216\116\236\212\266\013\371\236\204\232\115\166\336\042\051\134  
\322\263\322\006\076\060\071\251\164\243\222\126\034\241\157\114  
\012\040\155\237\043\172\264\306\332\054\344\035\054\334\263\050  
\320\023\362\114\116\002\111\241\124\100\236\346\345\005\240\055  
\204\310\377\230\154\320\353\212\032\204\010\036\267\150\043\356  
\043\325\160\316\155\121\151\020\356\241\172\302\321\042\061\302  
\202\205\322\362\125\166\120\174\045\172\311\204\134\013\254\335  
\102\116\053\347\202\242\044\211\313\220\262\320\356\043\272\146  
\114\273\142\244\371\123\132\144\173\174\230\372\243\110\236\017  
\225\256\247\030\364\152\354\056\003\105\257\360\164\370\052\315  
\172\135\321\276\104\046\062\051\361\361\365\154\314\176\002\041  
\013\237\157\244\077\276\235\123\342\317\175\251\054\174\130\032  
\227\341\075\067\067\030\146\050\322\100\305\121\212\214\303\055  
\316\123\210\044\130\144\060\026\305\252\340\326\012\246\100\337  
\170\366\365\004\174\151\023\204\274\321\321\247\006\317\001\367

\150\300\250\127\273\072\141\255\004\214\223\343\255\374\360\333  
\104\155\131\334\111\131\256\254\232\231\066\060\101\173\166\063  
\042\207\243\302\222\206\156\371\160\356\256\207\207\225\033\304  
\172\275\061\363\324\322\345\231\377\276\110\354\165\365\170\026  
\035\246\160\301\177\074\033\241\222\373\317\310\074\326\305\223  
\012\217\365\125\072\166\225\316\131\230\212\011\225\167\062\232  
\203\272\054\004\072\227\275\324\057\276\327\154\233\242\312\175  
\155\046\311\125\325\317\303\171\122\010\011\231\007\044\055\144  
\045\153\246\041\151\233\152\335\164\115\153\227\172\101\275\253  
\027\371\220\027\110\217\066\371\055\325\305\333\356\252\205\105  
\101\372\315\072\105\261\150\346\066\114\233\220\127\354\043\271  
\207\010\302\304\011\361\227\206\052\050\115\342\164\300\332\304  
\214\333\337\342\241\027\131\316\044\131\164\061\332\177\375\060  
\155\331\334\341\152\341\374\137\002\003\001\000\001\243\202\001  
\032\060\202\001\026\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037\326  
\341\342\171\176\053\060\037\006\003\125\035\043\004\030\060\026  
\200\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037  
\326\341\342\171\176\053\060\104\006\003\125\035\040\004\075\060  
\073\060\071\006\004\125\035\040\000\060\061\060\057\006\010\053  
\006\001\005\005\007\002\001\026\043\150\164\164\160\163\072\057  
\057\167\167\167\167\056\143\145\162\164\151\147\156\141\056\146  
\162\057\141\165\164\157\162\151\164\145\163\057\060\155\006\003  
\125\035\037\004\146\060\144\060\057\240\055\240\053\206\051\150  
\164\164\160\072\057\057\143\162\154\056\143\145\162\164\151\147  
\156\141\056\146\162\057\143\145\162\164\151\147\156\141\162\157  
\157\164\143\141\056\143\162\154\060\061\240\057\240\055\206\053  
\150\164\164\160\072\057\057\143\162\154\056\144\150\151\155\171  
\157\164\151\163\056\143\157\155\057\143\145\162\164\151\147\156  
\141\162\157\157\164\143\141\056\143\162\154\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\224  
\270\236\117\360\343\225\010\042\347\315\150\101\367\034\125\325  
\174\000\342\055\072\211\135\150\070\057\121\042\013\112\215\313  
\351\273\135\076\273\134\075\261\050\376\344\123\125\023\317\241  
\220\033\002\035\137\146\106\011\063\050\341\015\044\227\160\323  
\020\037\352\144\127\226\273\135\332\347\304\214\117\114\144\106  
\035\134\207\343\131\336\102\321\233\250\176\246\211\335\217\034  
\311\060\202\355\073\234\315\300\351\031\340\152\330\002\165\067  
\253\367\064\050\050\221\362\004\012\117\065\343\140\046\001\372  
\320\021\214\371\021\152\356\257\075\303\120\323\217\137\063\171  
\074\206\250\163\105\220\214\040\266\162\163\027\043\276\007\145  
\345\170\222\015\272\001\300\353\214\034\146\277\254\206\167\001  
\224\015\234\346\351\071\215\037\246\121\214\231\014\071\167\341  
\264\233\372\034\147\127\157\152\152\216\251\053\114\127\171\172  
\127\042\317\315\137\143\106\215\134\131\072\206\370\062\107\142  
\243\147\015\030\221\334\373\246\153\365\110\141\163\043\131\216

```
\002\247\274\104\352\364\111\235\361\124\130\371\140\257\332\030
\244\057\050\105\334\172\240\210\206\135\363\073\347\377\051\065
\200\374\144\103\224\346\343\034\157\276\255\016\052\143\231\053
\311\176\205\366\161\350\006\003\225\376\336\217\110\034\132\324
\222\350\053\356\347\061\333\272\004\152\207\230\347\305\137\357
\175\247\042\367\001\330\115\371\211\320\016\232\005\131\244\236
\230\331\157\053\312\160\276\144\302\125\243\364\351\257\303\222
\051\334\210\026\044\231\074\215\046\230\266\133\267\314\316\267
\067\007\375\046\331\230\205\044\377\131\043\003\232\355\235\235
\250\344\136\070\316\327\122\015\157\322\077\155\261\005\153\111
\316\212\221\106\163\364\366\057\360\250\163\167\016\145\254\241
\215\146\122\151\176\113\150\014\307\036\067\047\203\245\214\307
\002\344\024\315\111\001\260\163\263\375\306\220\072\157\322\154
\355\073\356\354\221\276\242\103\135\213\000\112\146\045\104\160
\336\100\017\370\174\025\367\242\316\074\327\136\023\214\201\027
\030\027\321\275\361\167\020\072\324\145\071\301\047\254\127\054
\045\124\377\242\332\117\212\141\071\136\256\075\112\214\275
```

END

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

```
# Trust for "Certigna Root CA"
```

```
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
```

```
# Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1
```

```
# Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
```

```
# Not Valid Before: Tue Oct 01 08:32:27 2013
```

```
# Not Valid After : Sat Oct 01 08:32:27 2033
```

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

```
D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68
```

```
# Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certigna Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\055\015\122\024\377\236\255\231\044\001\164\040\107\156\154\205
\047\047\365\103
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\016\134\060\142\047\353\133\274\327\256\142\272\351\325\337\167
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
```

\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164  
\151\147\156\141\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304  
\343\246\341

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "emSign Root CA - G1"

#

# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

# Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8

# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043

# Fingerprint (SHA-256):

40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67

# Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "emSign Root CA - G1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061  
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156  
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145  
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147  
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006  
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157  
\164\040\103\101\040\055\040\107\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061  
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156  
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145  
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147  
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006  
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157  
\164\040\103\101\040\055\040\107\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\012\061\365\344\142\014\154\130\355\326\330

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\224\060\202\002\174\240\003\002\001\002\002\012\061  
\365\344\142\014\154\130\355\326\330\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\060\147\061\013\060\011\006\003  
\125\004\006\023\002\111\116\061\023\060\021\006\003\125\004\013  
\023\012\145\155\123\151\147\156\040\120\113\111\061\045\060\043  
\006\003\125\004\012\023\034\145\115\165\144\150\162\141\040\124  
\145\143\150\156\157\154\157\147\151\145\163\040\114\151\155\151  
\164\145\144\061\034\060\032\006\003\125\004\003\023\023\145\155  
\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040\107  
\061\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060\060  
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060  
\132\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116  
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147  
\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034  
\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157  
\147\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032  
\006\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157  
\157\164\040\103\101\040\055\040\107\061\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\223\113\273\351\146  
\212\356\235\133\325\064\223\320\033\036\303\347\236\270\144\063  
\177\143\170\150\264\315\056\161\165\327\233\040\306\115\051\274  
\266\150\140\212\367\041\232\126\065\132\363\166\275\330\315\232  
\377\223\126\113\245\131\006\241\223\064\051\335\026\064\165\116  
\362\201\264\307\226\116\255\031\025\122\112\376\074\160\165\160  
\315\257\053\253\025\232\063\074\252\263\213\252\315\103\375\365  
\352\160\377\355\317\021\073\224\316\116\062\026\323\043\100\052  
\167\263\257\074\001\054\154\355\231\054\213\331\116\151\230\262  
\367\217\101\260\062\170\141\326\015\137\303\372\242\100\222\035  
\134\027\346\160\076\065\347\242\267\302\142\342\253\244\070\114  
\265\071\065\157\352\003\151\372\072\124\150\205\155\326\362\057  
\103\125\036\221\015\016\330\325\152\244\226\321\023\074\054\170  
\120\350\072\222\322\027\126\345\065\032\100\034\076\215\054\355  
\071\337\102\340\203\101\164\337\243\315\302\206\140\110\150\343  
\151\013\124\000\213\344\166\151\041\015\171\116\064\010\136\024  
\302\314\261\267\255\327\174\160\212\307\205\002\003\001\000\001  
\243\102\060\100\060\035\006\003\125\035\016\004\026\004\024\373  
\357\015\206\236\260\343\335\251\271\361\041\027\177\076\374\360  
\167\053\032\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\001\001\000\131\377\362\214\365\207\175\161  
\075\243\237\033\133\321\332\370\323\234\153\066\275\233\251\141  
\353\336\026\054\164\075\236\346\165\332\327\272\247\274\102\027

```
\347\075\221\353\345\175\335\076\234\361\317\222\254\154\110\314
\302\042\077\151\073\305\266\025\057\243\065\306\150\052\034\127
\257\071\357\215\320\065\303\030\014\173\000\126\034\315\213\031
\164\336\276\017\022\340\320\252\241\077\002\064\261\160\316\235
\030\326\010\003\011\106\356\140\340\176\266\304\111\004\121\175
\160\140\274\252\262\377\171\162\172\246\035\075\137\052\370\312
\342\375\071\267\107\271\353\176\337\004\043\257\372\234\006\007
\351\373\143\223\200\100\265\306\154\012\061\050\316\014\237\317
\263\043\065\200\101\215\154\304\067\173\201\057\200\241\100\102
\205\351\331\070\215\350\241\123\315\001\277\151\350\132\006\362
\105\013\220\372\256\341\277\235\362\256\127\074\245\256\262\126
\364\213\145\100\351\375\061\201\054\364\071\011\330\356\153\247
\264\246\035\025\245\230\367\001\201\330\205\175\363\121\134\161
\210\336\272\314\037\200\176\112
```

END

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

```
# Trust for "emSign Root CA - G1"
```

```
# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
```

```
# Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8
```

```
# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
```

```
# Not Valid Before: Sun Feb 18 18:30:00 2018
```

```
# Not Valid After : Wed Feb 18 18:30:00 2043
```

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

```
40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67
```

```
# Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "emSign Root CA - G1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\212\307\255\217\163\254\116\301\265\165\115\245\100\364\374\317
\174\265\216\214
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\234\102\204\127\335\313\013\247\056\225\255\266\363\332\274\254
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign ECC Root CA - G3"
#
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B
# Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\074\366\007\251\150\160\016\332\213\204
END

```

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\116\060\202\001\323\240\003\002\001\002\002\012\074  
\366\007\251\150\160\016\332\213\204\060\012\006\010\052\206\110  
\316\075\004\003\003\060\153\061\013\060\011\006\003\125\004\006  
\023\002\111\116\061\023\060\021\006\003\125\004\013\023\012\145  
\155\123\151\147\156\040\120\113\111\061\045\060\043\006\003\125  
\004\012\023\034\145\115\165\144\150\162\141\040\124\145\143\150  
\156\157\154\157\147\151\145\163\040\114\151\155\151\164\145\144  
\061\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147  
\156\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040  
\107\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060  
\060\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060  
\060\132\060\153\061\013\060\011\006\003\125\004\006\023\002\111  
\116\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151  
\147\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023  
\034\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154  
\157\147\151\145\163\040\114\151\155\151\164\145\144\061\040\060  
\036\006\003\125\004\003\023\027\145\155\123\151\147\156\040\105  
\103\103\040\122\157\157\164\040\103\101\040\055\040\107\063\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\043\245\014\270\055\022\365\050\363  
\261\262\335\342\002\022\200\236\071\137\111\115\237\311\045\064  
\131\164\354\273\006\034\347\300\162\257\350\256\057\341\101\124  
\207\024\250\112\262\350\174\202\346\133\152\265\334\263\165\316  
\213\006\320\206\043\277\106\325\216\017\077\004\364\327\034\222  
\176\366\245\143\302\365\137\216\056\117\241\030\031\002\053\062  
\012\202\144\175\026\223\321\243\102\060\100\060\035\006\003\125  
\035\016\004\026\004\024\174\135\002\204\023\324\314\212\233\201  
\316\027\034\056\051\036\234\110\143\102\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\012\006\010\052  
\206\110\316\075\004\003\003\003\151\000\060\146\002\061\000\276  
\363\141\317\002\020\035\144\225\007\270\030\156\210\205\005\057  
\203\010\027\220\312\037\212\114\350\015\033\172\261\255\325\201  
\011\107\357\073\254\010\004\174\134\231\261\355\107\007\322\002  
\061\000\235\272\125\374\251\112\350\355\355\346\166\001\102\173  
\310\370\140\331\215\121\213\125\073\373\214\173\353\145\011\303  
\370\226\315\107\250\202\362\026\125\167\044\176\022\020\225\004  
\054\243

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "emSign ECC Root CA - G3"  
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN  
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84  
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

```

# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B
# Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\060\103\372\117\362\127\334\240\303\200\356\056\130\352\170\262
\077\346\273\301
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\316\013\162\321\237\210\216\320\120\003\350\343\270\213\147\100
END
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\074\366\007\251\150\160\016\332\213\204
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign Root CA - C1"
#
# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F
# Fingerprint (SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\000\256\317\000\272\304\317\062\370\103\262
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\163\060\202\002\133\240\003\002\001\002\002\013\000
\256\317\000\272\304\317\062\370\103\262\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\060\126\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125\004
\013\023\012\145\155\123\151\147\156\040\120\113\111\061\024\060
\022\006\003\125\004\012\023\013\145\115\165\144\150\162\141\040
\111\156\143\061\034\060\032\006\003\125\004\003\023\023\145\155
\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040\103
\061\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060
\132\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147
\156\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013
\145\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\103\061\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\317\353\251\271\361\231
\005\314\330\050\041\112\363\163\064\121\204\126\020\365\240\117
\054\022\343\372\023\232\047\320\317\371\171\032\164\137\035\171
\071\374\133\370\160\216\340\222\122\367\344\045\371\124\203\331
\035\323\310\132\205\077\136\307\266\007\356\076\300\316\232\257
\254\126\102\052\071\045\160\326\277\265\173\066\255\254\366\163
\334\315\327\035\212\203\245\373\053\220\025\067\153\034\046\107
```

\334\073\051\126\223\152\263\301\152\072\235\075\365\301\227\070  
\130\005\213\034\021\343\344\264\270\135\205\035\203\376\170\137  
\013\105\150\030\110\245\106\163\064\073\376\017\310\166\273\307  
\030\363\005\321\206\363\205\355\347\271\331\062\255\125\210\316  
\246\266\221\260\117\254\176\025\043\226\366\077\360\040\064\026  
\336\012\306\304\004\105\171\177\247\375\276\322\251\245\257\234  
\305\043\052\367\074\041\154\275\257\217\116\305\072\262\363\064  
\022\374\337\200\032\111\244\324\251\225\367\236\211\136\242\211  
\254\224\313\250\150\233\257\212\145\047\315\211\356\335\214\265  
\153\051\160\103\240\151\013\344\271\017\002\003\001\000\001\243  
\102\060\100\060\035\006\003\125\035\016\004\026\004\024\376\241  
\340\160\036\052\003\071\122\132\102\276\134\221\205\172\030\252  
\115\265\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\302\112\126\372\025\041\173\050\242  
\351\345\035\373\370\055\304\071\226\101\114\073\047\054\304\154  
\030\025\200\306\254\257\107\131\057\046\013\343\066\260\357\073  
\376\103\227\111\062\231\022\025\133\337\021\051\377\253\123\370  
\273\301\170\017\254\234\123\257\127\275\150\214\075\151\063\360  
\243\240\043\143\073\144\147\042\104\255\325\161\313\126\052\170  
\222\243\117\022\061\066\066\342\336\376\000\304\243\140\017\047  
\255\240\260\212\265\066\172\122\241\275\047\364\040\047\142\350  
\115\224\044\023\344\012\004\351\074\253\056\310\103\011\112\306  
\141\004\345\111\064\176\323\304\310\365\017\300\252\351\272\124  
\136\363\143\053\117\117\120\324\376\271\173\231\214\075\300\056  
\274\002\053\323\304\100\344\212\007\061\036\233\316\046\231\023  
\373\021\352\232\042\014\021\031\307\136\033\201\120\060\310\226  
\022\156\347\313\101\177\221\073\242\107\267\124\200\033\334\000  
\314\232\220\352\303\303\120\006\142\014\060\300\025\110\247\250  
\131\174\341\256\042\242\342\012\172\017\372\142\253\122\114\341  
\361\337\312\276\203\015\102

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "emSign Root CA - C1"

# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US

# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2

# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043

# Fingerprint (SHA-256):

12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F

# Fingerprint (SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\347\056\361\337\374\262\011\050\317\135\324\325\147\067\261\121
\313\206\117\001
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\330\343\135\001\041\372\170\132\260\337\272\322\356\052\137\150
END
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\000\256\317\000\272\304\317\062\370\103\262
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign ECC Root CA - C3"
#
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8
# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3
# Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003

```

\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040  
\122\157\157\164\040\103\101\040\055\040\103\063  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156  
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145  
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003  
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040  
\122\157\157\164\040\103\101\040\055\040\103\063  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\012\173\161\266\202\126\270\022\174\234\250  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\002\053\060\202\001\261\240\003\002\001\002\002\012\173  
\161\266\202\126\270\022\174\234\250\060\012\006\010\052\206\110  
\316\075\004\003\003\060\132\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\023\060\021\006\003\125\004\013\023\012\145  
\155\123\151\147\156\040\120\113\111\061\024\060\022\006\003\125  
\004\012\023\013\145\115\165\144\150\162\141\040\111\156\143\061  
\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147\156  
\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040\103  
\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060  
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060  
\132\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147  
\156\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013  
\145\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006  
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103  
\040\122\157\157\164\040\103\101\040\055\040\103\063\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\375\245\141\256\173\046\020\035\351\267\042  
\060\256\006\364\201\263\261\102\161\225\071\274\323\122\343\257  
\257\371\362\227\065\222\066\106\016\207\225\215\271\071\132\351  
\273\337\320\376\310\007\101\074\273\125\157\203\243\152\373\142  
\260\201\211\002\160\175\110\305\112\343\351\042\124\042\115\223  
\273\102\014\257\167\234\043\246\175\327\141\021\316\145\307\370  
\177\376\365\362\251\243\102\060\100\060\035\006\003\125\035\016  
\004\026\004\024\373\132\110\320\200\040\100\362\250\351\000\007  
\151\031\167\247\346\303\364\317\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\012\006\010\052\206\110  
\316\075\004\003\003\003\150\000\060\145\002\061\000\264\330\057  
\002\211\375\266\114\142\272\103\116\023\204\162\265\256\335\034  
\336\326\265\334\126\217\130\100\132\055\336\040\114\042\203\312  
\223\250\176\356\022\100\307\326\207\117\370\337\205\002\060\034

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\024\144\344\174\226\203\021\234\260\321\132\141\113\246\017\111
\323\000\374\241\374\344\245\377\177\255\327\060\320\307\167\177
\276\201\007\125\060\120\040\024\365\127\070\012\250\061\121
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "emSign ECC Root CA - C3"
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8
# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3
# Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\266\257\103\302\233\201\123\175\366\357\153\303\037\037\140\025
\014\356\110\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\123\263\243\201\356\327\020\370\323\260\035\027\222\365\325
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\173\161\266\202\126\270\022\174\234\250
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hongkong Post Root CA 3"
#

```

```
# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Not Valid Before: Sat Jun 03 02:29:46 2017
# Not Valid After : Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):
5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6
# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306
\256\043\270\034\132\244
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\317\060\202\003\267\240\003\002\001\002\002\024\010
\026\137\212\114\245\354\000\311\223\100\337\304\306\256\043\270
\034\132\244\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\157\061\013\060\011\006\003\125\004\006\023\002\110
\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156\147
\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023\011
\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003\125
\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163
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\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147  
\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103  
\101\040\063\060\036\027\015\061\067\060\066\060\063\060\062\062  
\071\064\066\132\027\015\064\062\060\066\060\063\060\062\062\071  
\064\066\132\060\157\061\013\060\011\006\003\125\004\006\023\002  
\110\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156  
\147\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023  
\011\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003  
\125\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157  
\163\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156  
\147\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040  
\103\101\040\063\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\263\210\327\352\316\017\040\116\276\346\326  
\003\155\356\131\374\302\127\337\051\150\241\203\016\076\150\307  
\150\130\234\034\140\113\211\103\014\271\324\025\262\356\301\116  
\165\351\265\247\357\345\351\065\231\344\314\034\347\113\137\215  
\063\060\040\063\123\331\246\273\325\076\023\216\351\037\207\111  
\255\120\055\120\312\030\276\001\130\242\023\160\226\273\211\210  
\126\200\134\370\275\054\074\341\114\127\210\273\323\271\225\357  
\313\307\366\332\061\164\050\246\346\124\211\365\101\061\312\345  
\046\032\315\202\340\160\332\073\051\273\325\003\365\231\272\125  
\365\144\321\140\016\263\211\111\270\212\057\005\322\204\105\050  
\174\217\150\120\022\170\374\013\265\123\313\302\230\034\204\243  
\236\260\276\043\244\332\334\310\053\036\332\156\105\036\211\230  
\332\371\000\056\006\351\014\073\160\325\120\045\210\231\313\315  
\163\140\367\325\377\065\147\305\241\274\136\253\315\112\270\105  
\353\310\150\036\015\015\024\106\022\343\322\144\142\212\102\230  
\274\264\306\010\010\370\375\250\114\144\234\166\001\275\057\251  
\154\063\017\330\077\050\270\074\151\001\102\206\176\151\301\311  
\006\312\345\172\106\145\351\302\326\120\101\056\077\267\344\355  
\154\327\277\046\001\021\242\026\051\112\153\064\006\220\354\023  
\322\266\373\152\166\322\074\355\360\326\055\335\341\025\354\243  
\233\057\054\311\076\053\344\151\073\377\162\045\261\066\206\133  
\307\177\153\213\125\033\112\305\040\141\075\256\313\120\341\010  
\072\276\260\217\143\101\123\060\010\131\074\230\035\167\272\143  
\221\172\312\020\120\140\277\360\327\274\225\207\217\227\305\376  
\227\152\001\224\243\174\133\205\035\052\071\072\320\124\241\321  
\071\161\235\375\041\371\265\173\360\342\340\002\217\156\226\044  
\045\054\240\036\054\250\304\211\247\357\355\231\006\057\266\012  
\114\117\333\242\314\067\032\257\107\205\055\212\137\304\064\064  
\114\000\375\030\223\147\023\321\067\346\110\264\213\006\305\127  
\173\031\206\012\171\313\000\311\122\257\102\377\067\217\341\243  
\036\172\075\120\253\143\006\347\025\265\077\266\105\067\224\067  
\261\176\362\110\303\177\305\165\376\227\215\105\217\032\247\032  
\162\050\032\100\017\002\003\001\000\001\243\143\060\141\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060

\037\006\003\125\035\043\004\030\060\026\200\024\027\235\315\036  
\213\326\071\053\160\323\134\324\240\270\037\260\000\374\305\141  
\060\035\006\003\125\035\016\004\026\004\024\027\235\315\036\213  
\326\071\053\160\323\134\324\240\270\037\260\000\374\305\141\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\002\001\000\126\325\173\156\346\042\001\322\102\233\030\325\016  
\327\146\043\134\343\376\240\307\222\322\351\224\255\113\242\306  
\354\022\174\164\325\110\322\131\024\231\300\353\271\321\353\364  
\110\060\133\255\247\127\163\231\251\323\345\267\321\056\131\044  
\130\334\150\056\056\142\330\152\344\160\013\055\040\120\040\244  
\062\225\321\000\230\273\323\375\367\062\362\111\256\306\172\340  
\107\276\156\316\313\243\162\072\055\151\135\313\310\350\105\071  
\324\372\102\301\021\114\167\135\222\373\152\377\130\104\345\353  
\201\236\257\240\231\255\276\251\001\146\313\070\035\074\337\103  
\037\364\115\156\264\272\027\106\374\175\375\207\201\171\152\015  
\063\017\372\057\370\024\271\200\263\135\115\252\227\341\371\344  
\030\305\370\325\070\214\046\074\375\362\050\342\356\132\111\210  
\054\337\171\075\216\236\220\074\275\101\112\072\335\133\366\232  
\264\316\077\045\060\177\062\175\242\003\224\320\334\172\241\122  
\336\156\223\215\030\046\375\125\254\275\217\233\322\317\257\347  
\206\054\313\037\011\157\243\157\251\204\324\163\277\115\241\164  
\033\116\043\140\362\314\016\252\177\244\234\114\045\250\262\146  
\073\070\377\331\224\060\366\162\204\276\150\125\020\017\306\163  
\054\026\151\223\007\376\261\105\355\273\242\125\152\260\332\265  
\112\002\045\047\205\327\267\267\206\104\026\211\154\200\053\076  
\227\251\234\325\176\125\114\306\336\105\020\034\352\351\073\237  
\003\123\356\356\172\001\002\026\170\324\350\302\276\106\166\210  
\023\077\042\273\110\022\035\122\000\264\002\176\041\032\036\234  
\045\364\363\075\136\036\322\034\371\263\055\266\367\067\134\306  
\313\041\116\260\367\231\107\030\205\301\053\272\125\256\006\352  
\320\007\262\334\253\320\202\226\165\316\322\120\376\231\347\317  
\057\237\347\166\321\141\052\373\041\273\061\320\252\237\107\244  
\262\042\312\026\072\120\127\304\133\103\147\305\145\142\003\111  
\001\353\103\331\330\370\236\255\317\261\143\016\105\364\240\132  
\054\233\055\305\246\300\255\250\107\364\047\114\070\015\056\033  
\111\073\122\364\350\210\203\053\124\050\324\362\065\122\264\062  
\203\142\151\144\014\221\234\237\227\352\164\026\375\037\021\006  
\232\233\364

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Hongkong Post Root CA 3"

# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK

# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4

# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK

# Not Valid Before: Sat Jun 03 02:29:46 2017

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# Not Valid After : Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):
5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6
# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\242\320\354\040\122\201\133\301\363\370\144\002\044\116\302
\216\002\113\002
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\374\237\275\163\060\002\212\375\077\363\130\271\313\040\360
END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306
\256\043\270\034\132\244
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - G4"
#
# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):
DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88
# Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01

```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
END
CKA_ID UTF8 "0"
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\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
END
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\145\255\130
END
CKA_VALUE MULTILINE_OCTAL
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\331\265\103\177\257\251\071\017\000\000\000\000\125\145\255\130
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165\163
\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
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\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051\040  
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\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162\151  
\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060\060  
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\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
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\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060  
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040  
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\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\261\354\054\102\356\342\321\060\377\245\222\107\342\055  
\303\272\144\227\155\312\367\015\265\131\301\263\313\250\150\031  
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\136\331\110\257\135\023\215\333\377\143\063\115\323\000\002\274  
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\271\367\364\150\324\273\320\207\325\252\113\212\052\157\052\004  
\265\262\246\307\240\172\346\110\253\322\321\131\314\326\176\043  
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\122\357\103\275\333\047\333\141\126\202\064\334\313\210\140\014  
\013\132\345\054\001\306\124\257\327\252\301\020\173\322\005\132  
\270\100\236\206\247\303\220\206\002\126\122\011\172\234\322\047  
\202\123\112\145\122\152\365\074\347\250\362\234\257\213\275\323  
\016\324\324\136\156\207\236\152\075\105\035\321\135\033\364\351  
\012\254\140\231\373\211\264\377\230\054\317\174\035\351\002\252  
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\301\263\057\365\155\362\373\312\241\370\051\235\106\213\263\152  
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\243\353\057\113\060\260\213\043\165\162\174\041\074\310\366\361  
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\236\254\151\220\042\007\037\141\072\226\276\345\232\117\314\005  
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\165\146\353\002\343\010\064\051\112\306\343\053\057\063\240\332  
\243\206\245\022\227\375\200\053\332\024\102\343\222\275\076\362  
\135\136\147\164\056\034\210\107\051\064\137\342\062\250\234\045  
\067\214\272\230\000\227\213\111\226\036\375\045\212\254\334\332  
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\125\035\016\004\026\004\024\237\070\304\126\043\303\071\350\240  
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\345\102\246\173\213\017\014\344\106\245\266\140\100\207\214\045  
\176\255\270\150\056\133\306\100\166\074\003\370\311\131\364\363  
\253\142\316\020\215\264\132\144\214\150\300\260\162\103\064\322  
\033\013\366\054\123\322\312\220\113\206\146\374\252\203\042\364  
\213\032\157\046\110\254\166\167\010\277\305\230\134\364\046\211  
\236\173\303\271\144\062\001\177\323\303\335\130\155\354\261\253  
\204\125\164\167\204\004\047\122\153\206\114\316\335\271\145\377  
\326\306\136\237\232\020\231\113\165\152\376\152\351\227\040\344  
\344\166\172\306\320\044\252\220\315\040\220\272\107\144\373\177  
\007\263\123\170\265\012\142\362\163\103\316\101\053\201\152\056  
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\112\104\347\365\155\354\200\067\360\130\031\156\112\150\166\360  
\037\222\344\352\265\222\323\141\121\020\013\255\247\331\137\307  
\137\334\037\243\134\214\241\176\233\267\236\323\126\157\146\136  
\007\226\040\355\013\164\373\146\116\213\021\025\351\201\111\176  
\157\260\324\120\177\042\327\137\145\002\015\246\364\205\036\330  
\256\006\113\112\247\322\061\146\302\370\316\345\010\246\244\002  
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\202\345\142\302\200\330\244\203\355\223\357\174\057\220\260\062  
\114\226\025\150\110\122\324\231\010\300\044\350\034\343\263\245  
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\363\346\104\270\016\061\153\210\216\160\353\234\027\122\250\101  
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\106\216\253\103\131\047\267\040\273\043\351\126\100\041\354\061  
\075\145\252\103\362\075\337\160\104\341\272\115\046\020\073\230  
\237\363\310\216\033\070\126\041\152\121\223\323\221\312\106\332  
\211\267\075\123\203\054\010\037\213\217\123\335\377\254\037

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

# Trust for "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58

# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Wed May 27 11:11:16 2015

# Not Valid After : Sun Dec 27 11:41:16 2037

# Fingerprint (SHA-256):

DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88

# Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\024\210\116\206\046\067\260\046\257\131\142\134\100\167\354\065  
\051\272\226\001

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\211\123\361\203\043\267\174\216\005\361\214\161\070\116\037\210

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060  
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\331\265\103\177\257\251\071\017\000\000\000\000\125  
\145\255\130

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

```
#
# Certificate "Microsoft ECC Root Certificate Authority 2017"
#
# Issuer: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Serial Number:66:f2:3d:af:87:de:8b:b1:4a:ea:0c:57:31:01:c2:ec
# Subject: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid Before: Wed Dec 18 23:06:45 2019
# Not Valid After : Fri Jul 18 23:16:04 2042
# Fingerprint (SHA-256):
35:8D:F3:9D:76:4A:F9:E1:B7:66:E9:C9:72:DF:35:2E:E1:5C:FA:C2:27:AF:6A:D1:D7:0E:8E:4A:6E:DC:BA:02
# Fingerprint (SHA1): 99:9A:64:C3:7F:F4:7D:9F:AB:95:F1:47:69:89:14:60:EE:C4:C3:C5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC Root Certificate Authority 2017"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
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\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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\302\354
END
CKA_VALUE MULTILINE_OCTAL
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\012\006\010\052\206\110\316\075\004\003\003\060\145\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\036\060\034\006\003
\125\004\012\023\025\115\151\143\162\157\163\157\146\164\040\103
\157\162\160\157\162\141\164\151\157\156\061\066\060\064\006\003
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\125\004\003\023\055\115\151\143\162\157\163\157\146\164\040\105  
\103\103\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060  
\061\067\060\036\027\015\061\071\061\062\061\070\062\063\060\066  
\064\065\132\027\015\064\062\060\067\061\070\062\063\061\066\060  
\064\132\060\145\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162  
\157\163\157\146\164\040\103\157\162\160\157\162\141\164\151\157  
\156\061\066\060\064\006\003\125\004\003\023\055\115\151\143\162  
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\162\151\164\171\040\062\060\061\067\060\166\060\020\006\007\052  
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\057\152\250\201\142\013\145\314\366\312\235\036\157\112\146\121  
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\246\057\316\273\316\161\057\345\245\253\050\354\143\004\146\231  
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\317\102\020\355\065\060\020\006\011\053\006\001\004\001\202\067  
\025\001\004\003\002\001\000\060\012\006\010\052\206\110\316\075  
\004\003\003\003\150\000\060\145\002\060\130\362\115\352\014\371  
\137\136\356\140\051\313\072\362\333\326\062\204\031\077\174\325  
\057\302\261\314\223\256\120\273\011\062\306\306\355\176\311\066  
\224\022\344\150\205\006\242\033\320\057\002\061\000\231\351\026  
\264\016\372\126\110\324\244\060\026\221\170\333\124\214\145\001  
\212\347\120\146\302\061\267\071\272\270\032\042\007\116\374\153  
\124\026\040\377\053\265\347\114\014\115\246\117\163

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Microsoft ECC Root Certificate Authority 2017"  
# Issuer: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US  
# Serial Number:66:f2:3d:af:87:de:8b:b1:4a:ea:0c:57:31:01:c2:ec  
# Subject: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US  
# Not Valid Before: Wed Dec 18 23:06:45 2019  
# Not Valid After : Fri Jul 18 23:16:04 2042  
# Fingerprint (SHA-256):  
35:8D:F3:9D:76:4A:F9:E1:B7:66:E9:C9:72:DF:35:2E:E1:5C:FA:C2:27:AF:6A:D1:D7:0E:8E:4A:6E:DC:BA:02  
# Fingerprint (SHA1): 99:9A:64:C3:7F:F4:7D:9F:AB:95:F1:47:69:89:14:60:EE:C4:C3:C5  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC Root Certificate Authority 2017"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\231\232\144\303\177\364\175\237\253\225\361\107\151\211\024\140
\356\304\303\305
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\335\241\003\346\112\223\020\321\277\360\031\102\313\376\355\147
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\146\362\075\257\207\336\213\261\112\352\014\127\061\001
\302\354
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Microsoft RSA Root Certificate Authority 2017"
#
# Issuer: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Serial Number:1e:d3:97:09:5f:d8:b4:b3:47:70:1e:aa:be:7f:45:b3
# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid Before: Wed Dec 18 22:51:22 2019
# Not Valid After : Fri Jul 18 23:00:23 2042
# Fingerprint (SHA-256):
C7:41:F7:0F:4B:2A:8D:88:BF:2E:71:C1:41:22:EF:53:EF:10:EB:A0:CF:A5:E6:4C:FA:20:F4:18:85:30:73:E0
# Fingerprint (SHA1): 73:A5:E6:4A:3B:FF:83:16:FF:0E:DC:CC:61:8A:90:6E:4E:AE:4D:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft RSA Root Certificate Authority 2017"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163

```

\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163  
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151  
\164\171\040\062\060\061\067

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163  
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163  
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151  
\164\171\040\062\060\061\067

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177  
\105\263

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\250\060\202\003\220\240\003\002\001\002\002\020\036  
\323\227\011\137\330\264\263\107\160\036\252\276\177\105\263\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\145  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036\060  
\034\006\003\125\004\012\023\025\115\151\143\162\157\163\157\146  
\164\040\103\157\162\160\157\162\141\164\151\157\156\061\066\060  
\064\006\003\125\004\003\023\055\115\151\143\162\157\163\157\146  
\164\040\122\123\101\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\062\060\061\067\060\036\027\015\061\071\061\062\061\070\062  
\062\065\061\062\062\132\027\015\064\062\060\067\061\070\062\063  
\060\060\062\063\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\036\060\034\006\003\125\004\012\023\025\115  
\151\143\162\157\163\157\146\164\040\103\157\162\160\157\162\141  
\164\151\157\156\061\066\060\064\006\003\125\004\003\023\055\115  
\151\143\162\157\163\157\146\164\040\122\123\101\040\122\157\157  
\164\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165  
\164\150\157\162\151\164\171\040\062\060\061\067\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\133\276  
\224\063\214\051\225\221\026\012\225\275\107\142\301\211\363\231  
\066\337\106\220\311\245\355\170\152\157\107\221\150\370\047\147  
\120\063\035\241\246\373\340\345\103\243\204\002\127\001\135\234  
\110\100\202\123\020\274\277\307\073\150\220\266\202\055\345\364  
\145\320\314\155\031\314\225\371\173\254\112\224\255\016\336\113  
\103\035\207\007\222\023\220\200\203\144\065\071\004\374\345\351  
\154\263\266\037\120\224\070\145\120\134\027\106\271\266\205\265

\034\265\027\350\326\105\235\330\262\046\260\312\304\160\112\256  
\140\244\335\263\331\354\374\073\325\127\162\274\077\310\311\262  
\336\113\153\370\043\154\003\300\005\275\225\307\315\163\073\146  
\200\144\343\032\254\056\371\107\005\362\006\266\233\163\365\170  
\063\133\307\241\373\047\052\241\264\232\221\214\221\323\072\202  
\076\166\100\264\315\122\141\121\160\050\077\305\305\132\362\311  
\214\111\273\024\133\115\310\377\147\115\114\022\226\255\365\376  
\170\250\227\207\327\375\136\040\200\334\241\113\042\373\324\211  
\255\272\316\107\227\107\125\173\217\105\310\147\050\204\225\034  
\150\060\357\357\111\340\065\173\144\347\230\260\224\332\115\205  
\073\076\125\304\050\257\127\363\236\023\333\106\047\237\036\242  
\136\104\203\244\245\312\325\023\263\113\077\304\343\302\346\206  
\141\244\122\060\271\172\040\117\157\017\070\123\313\063\014\023  
\053\217\326\232\275\052\310\055\261\034\175\113\121\312\107\321  
\110\047\162\135\207\353\325\105\346\110\145\235\257\122\220\272  
\133\242\030\145\127\022\237\150\271\324\025\153\224\304\151\042  
\230\364\063\340\355\371\121\216\101\120\311\064\117\166\220\254  
\374\070\301\330\341\173\271\343\343\224\341\106\151\313\016\012  
\120\153\023\272\254\017\067\132\267\022\265\220\201\036\126\256  
\127\042\206\331\311\322\321\327\121\343\253\073\306\125\375\036  
\016\323\164\012\321\332\252\352\151\270\227\050\217\110\304\007  
\370\122\103\072\364\312\125\065\054\260\246\152\300\234\371\362  
\201\341\022\152\300\105\331\147\263\316\377\043\242\211\012\124  
\324\024\271\052\250\327\354\371\253\315\045\130\062\171\217\220  
\133\230\071\304\010\006\301\254\177\016\075\000\245\002\003\001  
\000\001\243\124\060\122\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\011\313\131\177\206\262\160\217\032\303\071\343\300\331  
\351\277\273\115\262\043\060\020\006\011\053\006\001\004\001\202  
\067\025\001\004\003\002\001\000\060\015\006\011\052\206\110\206  
\367\015\001\001\014\005\000\003\202\002\001\000\254\257\076\135  
\302\021\226\211\216\243\347\222\326\227\025\270\023\242\246\102  
\056\002\315\026\005\131\047\312\040\350\272\270\350\032\354\115  
\250\227\126\256\145\103\261\217\000\233\122\315\125\315\123\071  
\155\142\114\213\015\133\174\056\104\277\203\020\217\363\123\202  
\200\303\117\072\307\156\021\077\346\343\026\221\204\373\155\204  
\177\064\164\255\211\247\316\271\327\327\237\204\144\222\276\225  
\241\255\011\123\063\335\356\012\352\112\121\216\157\125\253\272  
\265\224\106\256\214\177\330\242\120\045\145\140\200\106\333\063  
\004\256\154\265\230\164\124\045\334\223\344\370\343\125\025\075  
\270\155\303\012\244\022\301\151\205\156\337\144\361\123\231\341  
\112\165\040\235\225\017\344\326\334\003\361\131\030\350\107\211  
\262\127\132\224\266\251\330\027\053\027\111\345\166\313\301\126  
\231\072\067\261\377\151\054\221\221\223\341\337\114\243\067\166  
\115\241\237\370\155\036\035\323\372\354\373\364\105\035\023\155  
\317\367\131\345\042\047\162\053\206\363\127\273\060\355\044\115  
\334\175\126\273\243\263\370\064\171\211\301\340\362\002\141\367

```
\246\374\017\273\034\027\013\256\101\331\174\275\047\243\375\056
\072\321\223\224\261\163\035\044\213\257\133\040\211\255\267\147
\146\171\365\072\306\246\226\063\376\123\222\310\106\261\021\221
\306\231\177\217\311\326\146\061\040\101\020\207\055\014\326\301
\257\064\230\312\144\203\373\023\127\321\301\360\074\172\214\245
\301\375\225\041\240\161\301\223\147\161\022\352\217\210\012\151
\031\144\231\043\126\373\254\052\056\160\276\146\304\014\204\357
\345\213\363\223\001\370\152\220\223\147\113\262\150\243\265\142
\217\351\077\214\172\073\136\017\347\214\270\306\174\357\067\375
\164\342\310\117\063\162\341\224\071\155\275\022\257\276\014\116
\160\174\033\157\215\263\062\223\163\104\026\155\350\364\367\340
\225\200\217\226\135\070\244\364\253\336\012\060\207\223\330\115
\000\161\142\105\047\113\072\102\204\133\177\145\267\147\064\122
\055\234\026\153\252\250\330\173\243\102\114\161\307\014\312\076
\203\344\246\357\267\001\060\136\121\243\171\365\160\151\246\101
\104\017\206\260\054\221\306\075\352\256\017\204
```

END

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

```
# Trust for "Microsoft RSA Root Certificate Authority 2017"
```

```
# Issuer: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
```

```
# Serial Number: 1e:d3:97:09:5f:d8:b4:b3:47:70:1e:aa:be:7f:45:b3
```

```
# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
```

```
# Not Valid Before: Wed Dec 18 22:51:22 2019
```

```
# Not Valid After : Fri Jul 18 23:00:23 2042
```

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

```
C7:41:F7:0F:4B:2A:8D:88:BF:2E:71:C1:41:22:EF:53:EF:10:EB:A0:CF:A5:E6:4C:FA:20:F4:18:85:30:73:E0
```

```
# Fingerprint (SHA1): 73:A5:E6:4A:3B:FF:83:16:FF:0E:DC:CC:61:8A:90:6E:4E:AE:4D:74
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Microsoft RSA Root Certificate Authority 2017"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\163\245\346\112\073\377\203\026\377\016\334\314\141\212\220\156
\116\256\115\164
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\020\377\000\377\317\311\370\307\172\300\356\065\216\311\017\107
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162
```

```
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151  
\164\171\040\062\060\061\067
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177  
\105\263
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "e-Szigno Root CA 2017"

#

# Issuer: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU

# Serial Number:01:54:48:ef:21:fd:97:59:0d:f5:04:0a

# Subject: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU

# Not Valid Before: Tue Aug 22 12:07:06 2017

# Not Valid After : Fri Aug 22 12:07:06 2042

# Fingerprint (SHA-256):

BE:B0:0B:30:83:9B:9B:C3:2C:32:E4:44:79:05:95:06:41:F2:64:21:B1:5E:D0:89:19:8B:51:8A:E2:EA:1B:99

# Fingerprint (SHA1): 89:D4:83:03:4F:9E:9A:48:80:5F:72:37:D4:A9:A6:EF:CB:7C:1F:D1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "e-Szigno Root CA 2017"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\161\061\013\060\011\006\003\125\004\006\023\002\110\125\061  
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145  
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151\143  
\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003  
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064  
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055  
\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040\062  
\060\061\067
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\161\061\013\060\011\006\003\125\004\006\023\002\110\125\061  
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145  
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151\143  
\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003  
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064  
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055  
\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040\062
```

\060\061\067

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\014\001\124\110\357\041\375\227\131\015\365\004\012

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\100\060\202\001\345\240\003\002\001\002\002\014\001  
\124\110\357\041\375\227\131\015\365\004\012\060\012\006\010\052  
\206\110\316\075\004\003\002\060\161\061\013\060\011\006\003\125  
\004\006\023\002\110\125\061\021\060\017\006\003\125\004\007\014  
\010\102\165\144\141\160\145\163\164\061\026\060\024\006\003\125  
\004\012\014\015\115\151\143\162\157\163\145\143\040\114\164\144  
\056\061\027\060\025\006\003\125\004\141\014\016\126\101\124\110  
\125\055\062\063\065\070\064\064\071\067\061\036\060\034\006\003  
\125\004\003\014\025\145\055\123\172\151\147\156\157\040\122\157  
\157\164\040\103\101\040\062\060\061\067\060\036\027\015\061\067  
\060\070\062\062\061\062\060\067\060\066\132\027\015\064\062\060  
\070\062\062\061\062\060\067\060\066\132\060\161\061\013\060\011  
\006\003\125\004\006\023\002\110\125\061\021\060\017\006\003\125  
\004\007\014\010\102\165\144\141\160\145\163\164\061\026\060\024  
\006\003\125\004\012\014\015\115\151\143\162\157\163\145\143\040  
\114\164\144\056\061\027\060\025\006\003\125\004\141\014\016\126  
\101\124\110\125\055\062\063\065\070\064\064\071\067\061\036\060  
\034\006\003\125\004\003\014\025\145\055\123\172\151\147\156\157  
\040\122\157\157\164\040\103\101\040\062\060\061\067\060\131\060  
\023\006\007\052\206\110\316\075\002\001\006\010\052\206\110\316  
\075\003\001\007\003\102\000\004\226\334\075\212\330\260\173\157  
\306\047\276\104\220\261\263\126\025\173\216\103\044\175\032\204  
\131\356\143\150\262\306\136\207\320\025\110\036\250\220\255\275  
\123\242\332\336\072\220\246\140\137\150\062\265\206\101\337\207  
\133\054\173\305\376\174\172\332\243\143\060\141\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006  
\003\125\035\016\004\026\004\024\207\021\025\010\321\252\301\170  
\014\261\257\316\306\311\220\357\277\060\004\300\060\037\006\003  
\125\035\043\004\030\060\026\200\024\207\021\025\010\321\252\301  
\170\014\261\257\316\306\311\220\357\277\060\004\300\060\012\006  
\010\052\206\110\316\075\004\003\002\003\111\000\060\106\002\041  
\000\265\127\335\327\212\125\013\066\341\206\104\372\324\331\150  
\215\270\334\043\212\212\015\324\057\175\352\163\354\277\115\154  
\250\002\041\000\313\245\264\022\372\347\265\350\317\176\223\374  
\363\065\217\157\116\132\174\264\274\116\262\374\162\252\133\131  
\371\347\334\061

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "e-Szigno Root CA 2017"
# Issuer: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:01:54:48:ef:21:fd:97:59:0d:f5:04:0a
# Subject: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Aug 22 12:07:06 2017
# Not Valid After : Fri Aug 22 12:07:06 2042
# Fingerprint (SHA-256):
BE:B0:0B:30:83:9B:9B:C3:2C:32:E4:44:79:05:95:06:41:F2:64:21:B1:5E:D0:89:19:8B:51:8A:E2:EA:1B:99
# Fingerprint (SHA1): 89:D4:83:03:4F:9E:9A:48:80:5F:72:37:D4:A9:A6:EF:CB:7C:1F:D1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "e-Szigno Root CA 2017"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\211\324\203\003\117\236\232\110\200\137\162\067\324\251\246\357
\313\174\037\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\336\037\366\236\204\256\247\264\041\316\036\130\175\321\204\230
END
CKA_ISSUER MULTILINE_OCTAL
\060\161\061\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151\143
\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055
\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040\062
\060\061\067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\001\124\110\357\041\375\227\131\015\365\004\012
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "certSIGN Root CA G2"
#
# Issuer: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
# Serial Number:11:00:34:b6:4e:c6:36:2d:36
# Subject: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
# Not Valid Before: Mon Feb 06 09:27:35 2017
# Not Valid After : Thu Feb 06 09:27:35 2042
# Fingerprint (SHA-256):

```

65:7C:FE:2F:A7:3F:AA:38:46:25:71:F3:32:A2:36:3A:46:FC:E7:02:09:51:71:07:02:CD:FB:B6:EE:DA:33:05

# Fingerprint (SHA1): 26:F9:93:B4:ED:3D:28:27:B0:B9:4B:A7:E9:15:1D:A3:8D:92:E5:32

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "certSIGN Root CA G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\101\061\013\060\011\006\003\125\004\006\023\002\122\117\061  
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111  
\107\116\040\123\101\061\034\060\032\006\003\125\004\013\023\023  
\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101  
\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\101\061\013\060\011\006\003\125\004\006\023\002\122\117\061  
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111  
\107\116\040\123\101\061\034\060\032\006\003\125\004\013\023\023  
\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101  
\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\021\000\064\266\116\306\066\055\066

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\107\060\202\003\057\240\003\002\001\002\002\011\021  
\000\064\266\116\306\066\055\066\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\101\061\013\060\011\006\003\125  
\004\006\023\002\122\117\061\024\060\022\006\003\125\004\012\023  
\013\103\105\122\124\123\111\107\116\040\123\101\061\034\060\032  
\006\003\125\004\013\023\023\143\145\162\164\123\111\107\116\040  
\122\117\117\124\040\103\101\040\107\062\060\036\027\015\061\067  
\060\062\060\066\060\071\062\067\063\065\132\027\015\064\062\060  
\062\060\066\060\071\062\067\063\065\132\060\101\061\013\060\011  
\006\003\125\004\006\023\002\122\117\061\024\060\022\006\003\125  
\004\012\023\013\103\105\122\124\123\111\107\116\040\123\101\061  
\034\060\032\006\003\125\004\013\023\023\143\145\162\164\123\111  
\107\116\040\122\117\117\124\040\103\101\040\107\062\060\202\002  
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\300\305  
\165\031\221\175\104\164\164\207\376\016\073\226\334\330\001\026  
\314\356\143\221\347\013\157\316\073\012\151\032\174\302\343\257  
\202\216\206\327\136\217\127\353\323\041\131\375\071\067\102\060  
\276\120\352\266\017\251\210\330\056\055\151\041\347\321\067\030  
\116\175\221\325\026\137\153\133\000\302\071\103\015\066\205\122  
\271\123\145\017\035\102\345\217\317\005\323\356\334\014\032\331

\270\213\170\042\147\344\151\260\150\305\074\344\154\132\106\347  
\315\307\372\357\304\354\113\275\152\244\254\375\314\050\121\357  
\222\264\051\253\253\065\232\114\344\304\010\306\046\314\370\151  
\237\344\234\360\051\323\134\371\306\026\045\236\043\303\040\301  
\075\017\077\070\100\260\376\202\104\070\252\132\032\212\153\143  
\130\070\264\025\323\266\021\151\173\036\124\356\214\032\042\254  
\162\227\077\043\131\233\311\042\204\301\007\117\314\177\342\127  
\312\022\160\273\246\145\363\151\165\143\275\225\373\033\227\315  
\344\250\257\366\321\116\250\331\212\161\044\315\066\075\274\226  
\304\361\154\251\256\345\317\015\156\050\015\260\016\265\312\121  
\173\170\024\303\040\057\177\373\024\125\341\021\231\375\325\012  
\241\236\002\343\142\137\353\065\113\054\270\162\350\076\075\117  
\254\054\273\056\206\342\243\166\217\345\223\052\317\245\253\310  
\134\215\113\006\377\022\106\254\170\313\024\007\065\340\251\337  
\213\351\257\025\117\026\211\133\275\366\215\306\131\256\210\205  
\016\301\211\353\037\147\305\105\216\377\155\067\066\053\170\146  
\203\221\121\053\075\377\121\167\166\142\241\354\147\076\076\201  
\203\340\126\251\120\037\037\172\231\253\143\277\204\027\167\361  
\015\073\337\367\234\141\263\065\230\212\072\262\354\074\032\067  
\077\176\217\222\317\331\022\024\144\332\020\002\025\101\377\117  
\304\353\034\243\311\372\231\367\106\351\341\030\331\261\270\062  
\055\313\024\014\120\330\203\145\203\356\271\134\317\313\005\132  
\114\372\031\227\153\326\135\023\323\302\134\124\274\062\163\240  
\170\365\361\155\036\313\237\245\246\237\042\334\321\121\236\202  
\171\144\140\051\023\076\243\375\117\162\152\253\342\324\345\270  
\044\125\054\104\113\212\210\104\234\312\204\323\052\073\002\003  
\001\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\035\006\003\125\035\016\004  
\026\004\024\202\041\055\146\306\327\240\340\025\353\316\114\011  
\167\304\140\236\124\156\003\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\002\001\000\140\336\032\270\347  
\362\140\202\325\003\063\201\313\006\212\361\042\111\351\350\352  
\221\177\306\063\136\150\031\003\206\073\103\001\317\007\160\344  
\010\036\145\205\221\346\021\042\267\365\002\043\216\256\271\036  
\175\037\176\154\346\275\045\325\225\032\362\005\246\257\205\002  
\157\256\370\326\061\377\045\311\112\310\307\212\251\331\237\113  
\111\233\021\127\231\222\103\021\336\266\063\244\314\327\215\144  
\175\324\315\074\050\054\264\232\226\352\115\365\304\104\304\045  
\252\040\200\330\051\125\367\340\101\374\006\046\377\271\066\365  
\103\024\003\146\170\341\021\261\332\040\137\106\000\170\000\041  
\245\036\000\050\141\170\157\250\001\001\217\235\064\232\377\364  
\070\220\373\270\321\263\162\006\311\161\346\201\305\171\355\013  
\246\171\362\023\013\234\367\135\016\173\044\223\264\110\333\206  
\137\336\120\206\170\347\100\346\061\250\220\166\160\141\257\234  
\067\054\021\265\202\267\252\256\044\064\133\162\014\151\015\315  
\131\237\366\161\257\234\013\321\012\070\371\006\042\203\123\045  
\014\374\121\304\346\276\342\071\225\013\044\255\257\321\225\344

```
\226\327\164\144\153\161\116\002\074\252\205\363\040\243\103\071
\166\133\154\120\376\232\234\024\036\145\024\212\025\275\243\202
\105\132\111\126\152\322\234\261\143\062\345\141\340\123\042\016
\247\012\111\352\313\176\037\250\342\142\200\366\020\105\122\230
\006\030\336\245\315\057\177\252\324\351\076\010\162\354\043\003
\002\074\246\252\330\274\147\164\075\024\027\373\124\113\027\343
\323\171\075\155\153\111\311\050\016\056\164\120\277\014\331\106
\072\020\206\311\247\077\351\240\354\177\353\245\167\130\151\161
\346\203\012\067\362\206\111\152\276\171\010\220\366\002\026\144
\076\345\332\114\176\014\064\311\371\137\266\263\050\121\247\247
\053\252\111\372\215\145\051\116\343\153\023\247\224\243\055\121
\155\170\014\104\313\337\336\010\157\316\243\144\253\323\225\204
\324\271\122\124\162\173\226\045\314\274\151\343\110\156\015\320
\307\235\047\232\252\370\023\222\335\036\337\143\237\065\251\026
\066\354\214\270\203\364\075\211\217\315\264\027\136\327\263\027
\101\020\135\047\163\140\205\127\111\042\007
```

END

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

```
# Trust for "certSIGN Root CA G2"
```

```
# Issuer: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
```

```
# Serial Number:11:00:34:b6:4e:c6:36:2d:36
```

```
# Subject: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
```

```
# Not Valid Before: Mon Feb 06 09:27:35 2017
```

```
# Not Valid After : Thu Feb 06 09:27:35 2042
```

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

```
65:7C:FE:2F:A7:3F:AA:38:46:25:71:F3:32:A2:36:3A:46:FC:E7:02:09:51:71:07:02:CD:FB:B6:EE:DA:33:05
```

```
# Fingerprint (SHA1): 26:F9:93:B4:ED:3D:28:27:B0:B9:4B:A7:E9:15:1D:A3:8D:92:E5:32
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "certSIGN Root CA G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\046\371\223\264\355\075\050\047\260\271\113\247\351\025\035\243
\215\222\345\062
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\214\361\165\212\306\031\317\224\267\367\145\040\207\303\227\307
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\101\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111
\107\116\040\123\101\061\034\060\032\006\003\125\004\013\023\023
\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101
\040\107\062
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\021\000\064\266\116\306\066\055\066
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Trustwave Global Certification Authority"
#
# Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:05:f7:0e:86:da:49:f3:46:35:2e:ba:b2
# Subject: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:34:12 2017
# Not Valid After : Sat Aug 23 19:34:12 2042
# Fingerprint (SHA-256):
97:55:20:15:F5:DD:FC:3C:87:88:C0:06:94:45:55:40:88:94:45:00:84:F1:00:86:70:86:BC:1A:2B:B5:8D:C8
# Fingerprint (SHA1): 2F:8F:36:4F:E1:58:97:44:21:59:87:A5:2A:9A:D0:69:95:26:7F:B5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157

```

\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\014\005\367\016\206\332\111\363\106\065\056\272\262  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\332\060\202\003\302\240\003\002\001\002\002\014\005  
\367\016\206\332\111\363\106\065\056\272\262\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\060\201\210\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006\003  
\125\004\010\014\010\111\154\154\151\156\157\151\163\061\020\060  
\016\006\003\125\004\007\014\007\103\150\151\143\141\147\157\061  
\041\060\037\006\003\125\004\012\014\030\124\162\165\163\164\167  
\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111\156  
\143\056\061\061\060\057\006\003\125\004\003\014\050\124\162\165  
\163\164\167\141\166\145\040\107\154\157\142\141\154\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171\060\036\027\015\061\067\060\070\062\063\061  
\071\063\064\061\062\132\027\015\064\062\060\070\062\063\061\071  
\063\064\061\062\132\060\201\210\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\021\060\017\006\003\125\004\010\014\010  
\111\154\154\151\156\157\151\163\061\020\060\016\006\003\125\004  
\007\014\007\103\150\151\143\141\147\157\061\041\060\037\006\003  
\125\004\012\014\030\124\162\165\163\164\167\141\166\145\040\110  
\157\154\144\151\156\147\163\054\040\111\156\143\056\061\061\060  
\057\006\003\125\004\003\014\050\124\162\165\163\164\167\141\166  
\145\040\107\154\157\142\141\154\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\271\135\121\050\113\074\067\222\321\202\316\275\035\275\315  
\335\270\253\317\012\076\341\135\345\334\252\011\271\127\002\076  
\346\143\141\337\362\017\202\143\256\243\367\254\163\321\174\347  
\263\013\257\010\000\011\131\177\315\051\052\210\223\207\027\030  
\200\355\210\262\264\266\020\037\055\326\137\125\242\023\135\321  
\306\353\006\126\211\210\376\254\062\235\375\134\303\005\307\156  
\356\206\211\272\210\003\235\162\041\206\220\256\217\003\245\334  
\237\210\050\313\243\222\111\017\354\320\017\342\155\104\117\200  
\152\262\324\347\240\012\123\001\272\216\227\221\166\156\274\374  
\325\153\066\346\100\210\326\173\057\137\005\350\054\155\021\363  
\347\262\276\222\104\114\322\227\244\376\322\162\201\103\007\234  
\351\021\076\365\213\032\131\175\037\150\130\335\004\000\054\226  
\363\103\263\176\230\031\164\331\234\163\331\030\276\101\307\064  
\171\331\364\142\302\103\271\263\047\260\042\313\371\075\122\307  
\060\107\263\311\076\270\152\342\347\350\201\160\136\102\213\117  
\046\245\376\072\302\040\156\273\370\026\216\315\014\251\264\033  
\154\166\020\341\130\171\106\076\124\316\200\250\127\011\067\051

\033\231\023\217\014\310\326\054\034\373\005\350\010\225\075\145  
\106\334\356\315\151\342\115\217\207\050\116\064\013\076\317\024  
\331\273\335\266\120\232\255\167\324\031\326\332\032\210\310\116  
\033\047\165\330\262\010\361\256\203\060\271\021\016\315\207\360  
\204\215\025\162\174\241\357\314\362\210\141\272\364\151\273\014  
\214\013\165\127\004\270\116\052\024\056\075\017\034\036\062\246  
\142\066\356\146\342\042\270\005\100\143\020\042\363\063\035\164  
\162\212\054\365\071\051\240\323\347\033\200\204\055\305\075\343  
\115\261\375\032\157\272\145\007\073\130\354\102\105\046\373\330  
\332\045\162\304\366\000\261\042\171\275\343\174\131\142\112\234  
\005\157\075\316\346\326\107\143\231\306\044\157\162\022\310\254  
\177\220\264\013\221\160\350\267\346\026\020\161\027\316\336\006  
\117\110\101\175\065\112\243\211\362\311\113\173\101\021\155\147  
\267\010\230\114\345\021\031\256\102\200\334\373\220\005\324\370  
\120\312\276\344\255\307\302\224\327\026\235\346\027\217\257\066  
\373\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\231\340\031\147\015\142\333\166\263\332  
\075\270\133\350\375\102\322\061\016\207\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\230\163  
\160\342\260\323\355\071\354\114\140\331\251\022\206\027\036\226  
\320\350\124\050\073\144\055\041\246\370\235\126\023\152\110\075  
\117\307\076\051\333\155\130\203\124\075\207\175\043\005\324\344  
\034\334\350\070\145\206\305\165\247\132\333\065\005\275\167\336  
\273\051\067\100\005\007\303\224\122\237\312\144\335\361\033\053  
\334\106\012\020\002\061\375\112\150\015\007\144\220\346\036\365  
\052\241\250\273\074\135\371\243\010\013\021\014\361\077\055\020  
\224\157\376\342\064\207\203\326\317\345\033\065\155\322\003\341  
\260\015\250\240\252\106\047\202\066\247\025\266\010\246\102\124  
\127\266\231\132\342\013\171\220\327\127\022\121\065\031\210\101  
\150\045\324\067\027\204\025\373\001\162\334\225\336\122\046\040  
\230\046\342\166\365\047\157\372\000\073\112\141\331\015\313\121  
\223\052\375\026\006\226\247\043\232\043\110\376\121\275\266\304  
\260\261\124\316\336\154\101\255\026\147\176\333\375\070\315\271  
\070\116\262\301\140\313\235\027\337\130\236\172\142\262\046\217  
\164\225\233\344\133\035\322\017\335\230\034\233\131\271\043\323  
\061\240\246\377\070\335\317\040\117\351\130\126\072\147\303\321  
\366\231\231\235\272\066\266\200\057\210\107\117\206\277\104\072  
\200\344\067\034\246\272\352\227\230\021\320\204\142\107\144\036  
\252\356\100\277\064\261\234\217\116\341\362\222\117\037\216\363  
\236\227\336\363\246\171\152\211\161\117\113\047\027\110\376\354  
\364\120\017\117\111\175\314\105\343\275\172\100\305\101\334\141  
\126\047\006\151\345\162\101\201\323\266\001\211\240\057\072\162  
\171\376\072\060\277\101\354\307\142\076\221\113\307\331\061\166  
\102\371\367\074\143\354\046\214\163\014\175\032\035\352\250\174  
\207\250\302\047\174\341\063\101\017\317\317\374\000\240\042\200  
\236\112\247\157\000\260\101\105\267\042\312\150\110\305\102\242

```

\256\335\035\362\340\156\116\005\130\261\300\220\026\052\244\075
\020\100\276\217\142\143\203\251\234\202\175\055\002\351\203\060
\174\313\047\311\375\036\146\000\260\056\323\041\057\216\063\026
\154\230\355\020\250\007\326\314\223\317\333\321\151\034\344\312
\311\340\266\234\351\316\161\161\336\154\077\026\244\171
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Trustwave Global Certification Authority"
# Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:05:f7:0e:86:da:49:f3:46:35:2e:ba:b2
# Subject: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:34:12 2017
# Not Valid After : Sat Aug 23 19:34:12 2042
# Fingerprint (SHA-256):
97:55:20:15:F5:DD:FC:3C:87:88:C0:06:94:45:55:40:88:94:45:00:84:F1:00:86:70:86:BC:1A:2B:B5:8D:C8
# Fingerprint (SHA1): 2F:8F:36:4F:E1:58:97:44:21:59:87:A5:2A:9A:D0:69:95:26:7F:B5
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\057\217\066\117\341\130\227\104\041\131\207\245\052\232\320\151
\225\046\177\265
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\034\030\055\057\272\137\155\241\154\274\307\253\221\307\016
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\005\367\016\206\332\111\363\106\065\056\272\262
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

```

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Trustwave Global ECC P256 Certification Authority"

#

# Issuer: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,  
Inc.",L=Chicago,ST=Illinois,C=US

# Serial Number:0d:6a:5f:08:3f:28:5c:3e:51:95:df:5d

# Subject: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,  
Inc.",L=Chicago,ST=Illinois,C=US

# Not Valid Before: Wed Aug 23 19:35:10 2017

# Not Valid After : Sat Aug 23 19:35:10 2042

# Fingerprint (SHA-256):

94:5B:BC:82:5E:A5:54:F4:89:D1:FD:51:A7:3D:DF:2E:A6:24:AC:70:19:A0:52:05:22:5C:22:A7:8C:CF:A8:B4

# Fingerprint (SHA1): B4:90:82:DD:45:0C:BE:8B:5B:B1:66:D3:E2:A4:08:26:CD:ED:42:CF

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Trustwave Global ECC P256 Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156  
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150  
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030  
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156  
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004  
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157  
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156  
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150  
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030  
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156  
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004  
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157  
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\014\015\152\137\010\077\050\134\076\121\225\337\135

END

CKA\_VALUE MULTILINE\_OCTAL  
\060\202\002\140\060\202\002\007\240\003\002\001\002\002\014\015  
\152\137\010\077\050\134\076\121\225\337\135\060\012\006\010\052  
\206\110\316\075\004\003\002\060\201\221\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\021\060\017\006\003\125\004\010  
\023\010\111\154\154\151\156\157\151\163\061\020\060\016\006\003  
\125\004\007\023\007\103\150\151\143\141\147\157\061\041\060\037  
\006\003\125\004\012\023\030\124\162\165\163\164\167\141\166\145  
\040\110\157\154\144\151\156\147\163\054\040\111\156\143\056\061  
\072\060\070\006\003\125\004\003\023\061\124\162\165\163\164\167  
\141\166\145\040\107\154\157\142\141\154\040\105\103\103\040\120  
\062\065\066\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061  
\067\060\070\062\063\061\071\063\065\061\060\132\027\015\064\062  
\060\070\062\063\061\071\063\065\061\060\132\060\201\221\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006  
\003\125\004\010\023\010\111\154\154\151\156\157\151\163\061\020  
\060\016\006\003\125\004\007\023\007\103\150\151\143\141\147\157  
\061\041\060\037\006\003\125\004\012\023\030\124\162\165\163\164  
\167\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111  
\156\143\056\061\072\060\070\006\003\125\004\003\023\061\124\162  
\165\163\164\167\141\166\145\040\107\154\157\142\141\154\040\105  
\103\103\040\120\062\065\066\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060  
\131\060\023\006\007\052\206\110\316\075\002\001\006\010\052\206  
\110\316\075\003\001\007\003\102\000\004\176\373\154\346\043\343  
\163\062\010\312\140\346\123\234\272\164\215\030\260\170\220\122  
\200\335\070\300\112\035\321\250\314\223\244\227\006\070\312\015  
\025\142\306\216\001\052\145\235\252\337\064\221\056\201\301\344  
\063\222\061\304\375\011\072\246\077\255\243\103\060\101\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\017\006\003\125\035\017\001\001\377\004\005\003\003\007\006\000  
\060\035\006\003\125\035\016\004\026\004\024\243\101\006\254\220  
\155\321\112\353\165\245\112\020\231\263\261\241\213\112\367\060  
\012\006\010\052\206\110\316\075\004\003\002\003\107\000\060\104  
\002\040\007\346\124\332\016\240\132\262\256\021\237\207\305\266  
\377\151\336\045\276\370\240\267\010\363\104\316\052\337\010\041  
\014\067\002\040\055\046\003\240\005\275\153\321\366\134\370\145  
\314\206\155\263\234\064\110\143\204\011\305\215\167\032\342\314  
\234\341\164\173

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```
# Trust for "Trustwave Global ECC P256 Certification Authority"
# Issuer: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:0d:6a:5f:08:3f:28:5c:3e:51:95:df:5d
# Subject: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:35:10 2017
# Not Valid After : Sat Aug 23 19:35:10 2042
# Fingerprint (SHA-256):
94:5B:BC:82:5E:A5:54:F4:89:D1:FD:51:A7:3D:DF:2E:A6:24:AC:70:19:A0:52:05:22:5C:22:A7:8C:CF:A8:B4
# Fingerprint (SHA1): B4:90:82:DD:45:0C:BE:8B:5B:B1:66:D3:E2:A4:08:26:CD:ED:42:CF
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P256 Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\264\220\202\335\105\014\276\213\133\261\146\323\342\244\010\046
\315\355\102\317
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\133\104\343\215\135\066\206\046\350\015\005\322\131\247\203\124
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\015\152\137\010\077\050\134\076\121\225\337\135
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Trustwave Global ECC P384 Certification Authority"
#
# Issuer: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
```

```
# Serial Number:08:bd:85:97:6c:99:27:a4:80:68:47:3b
# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:36:43 2017
# Not Valid After : Sat Aug 23 19:36:43 2042
# Fingerprint (SHA-256):
55:90:38:59:C8:C0:C3:EB:B8:75:9E:CE:4E:25:57:22:5F:F5:75:8B:BD:38:EB:D4:82:76:60:1E:1B:D5:80:97
# Fingerprint (SHA1): E7:F3:A3:C8:CF:6F:C3:04:2E:6D:0E:67:32:C5:9E:68:95:0D:5E:D2
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P384 Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\010\275\205\227\154\231\047\244\200\150\107\073
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\235\060\202\002\044\240\003\002\001\002\002\014\010
\275\205\227\154\231\047\244\200\150\107\073\060\012\006\010\052
\206\110\316\075\004\003\003\060\201\221\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\021\060\017\006\003\125\004\010
\023\010\111\154\154\151\156\157\151\163\061\020\060\016\006\003
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\125\004\007\023\007\103\150\151\143\141\147\157\061\041\060\037  
\006\003\125\004\012\023\030\124\162\165\163\164\167\141\166\145  
\040\110\157\154\144\151\156\147\163\054\040\111\156\143\056\061  
\072\060\070\006\003\125\004\003\023\061\124\162\165\163\164\167  
\141\166\145\040\107\154\157\142\141\154\040\105\103\103\040\120  
\063\070\064\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061  
\067\060\070\062\063\061\071\063\066\064\063\132\027\015\064\062  
\060\070\062\063\061\071\063\066\064\063\132\060\201\221\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006  
\003\125\004\010\023\010\111\154\154\151\156\157\151\163\061\020  
\060\016\006\003\125\004\007\023\007\103\150\151\143\141\147\157  
\061\041\060\037\006\003\125\004\012\023\030\124\162\165\163\164  
\167\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111  
\156\143\056\061\072\060\070\006\003\125\004\003\023\061\124\162  
\165\163\164\167\141\166\145\040\107\154\157\142\141\154\040\105  
\103\103\040\120\063\070\064\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\153\332\015\165\065\010\061\107\005  
\256\105\231\125\361\021\023\056\112\370\020\061\043\243\176\203  
\323\177\050\010\072\046\032\072\317\227\202\037\200\267\047\011  
\217\321\216\060\304\012\233\016\254\130\004\253\367\066\175\224  
\043\244\233\012\212\213\253\353\375\071\045\146\361\136\376\214  
\256\215\101\171\235\011\140\316\050\251\323\212\155\363\326\105  
\324\362\230\204\070\145\240\243\103\060\101\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\017\006\003  
\125\035\017\001\001\377\004\005\003\003\007\006\000\060\035\006  
\003\125\035\016\004\026\004\024\125\251\204\211\322\301\062\275  
\030\313\154\246\007\116\310\347\235\276\202\220\060\012\006\010  
\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060\067  
\001\222\227\105\022\176\240\363\076\255\031\072\162\335\364\120  
\223\003\022\276\104\322\117\101\244\214\234\235\037\243\366\302  
\222\347\110\024\376\116\233\245\221\127\256\306\067\162\273\002  
\060\147\045\012\261\014\136\356\251\143\222\157\345\220\013\376  
\146\042\312\107\375\212\061\367\203\376\172\277\020\276\030\053  
\036\217\366\051\036\224\131\357\216\041\067\313\121\230\245\156  
\113

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Trustwave Global ECC P384 Certification Authority"  
# Issuer: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,  
Inc.",L=Chicago,ST=Illinois,C=US  
# Serial Number:08:bd:85:97:6c:99:27:a4:80:68:47:3b  
# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,

```

Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:36:43 2017
# Not Valid After : Sat Aug 23 19:36:43 2042
# Fingerprint (SHA-256):
55:90:38:59:C8:C0:C3:EB:B8:75:9E:CE:4E:25:57:22:5F:F5:75:8B:BD:38:EB:D4:82:76:60:1E:1B:D5:80:97
# Fingerprint (SHA1): E7:F3:A3:C8:CF:6F:C3:04:2E:6D:0E:67:32:C5:9E:68:95:0D:5E:D2
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P384 Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\347\363\243\310\317\157\303\004\056\155\016\147\062\305\236\150
\225\015\136\322
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\352\317\140\304\073\271\025\051\100\241\227\355\170\047\223\326
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\010\275\205\227\154\231\047\244\200\150\107\073
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "NAVER Global Root Certification Authority"
#
# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# Serial Number:01:94:30:1e:a2:0b:dd:f5:c5:33:2a:b1:43:44:71:f8:d6:50:4d:0d
# Subject: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# Not Valid Before: Fri Aug 18 08:58:42 2017
# Not Valid After : Tue Aug 18 23:59:59 2037
# Fingerprint (SHA-256):
88:F4:38:DC:F8:FF:D1:FA:8F:42:91:15:FF:E5:F8:2A:E1:E0:6E:0C:70:C3:75:FA:AD:71:7B:34:A4:9E:72:65

```

# Fingerprint (SHA1): 8F:6B:F2:A9:27:4A:DA:14:A0:C4:F4:8E:61:27:F9:C0:1E:78:5D:D1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "NAVER Global Root Certification Authority"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061  
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040  
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122  
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003  
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122  
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL  
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061  
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040  
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122  
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003  
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122  
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\024\001\224\060\036\242\013\335\365\305\063\052\261\103\104  
\161\370\326\120\115\015

END

CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\242\060\202\003\212\240\003\002\001\002\002\024\001  
\224\060\036\242\013\335\365\305\063\052\261\103\104\161\370\326  
\120\115\015\060\015\006\011\052\206\110\206\367\015\001\001\014  
\005\000\060\151\061\013\060\011\006\003\125\004\006\023\002\113  
\122\061\046\060\044\006\003\125\004\012\014\035\116\101\126\105  
\122\040\102\125\123\111\116\105\123\123\040\120\114\101\124\106  
\117\122\115\040\103\157\162\160\056\061\062\060\060\006\003\125  
\004\003\014\051\116\101\126\105\122\040\107\154\157\142\141\154  
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036\027  
\015\061\067\060\070\061\070\060\070\065\070\064\062\132\027\015  
\063\067\060\070\061\070\062\063\065\071\065\071\132\060\151\061  
\013\060\011\006\003\125\004\006\023\002\113\122\061\046\060\044  
\006\003\125\004\012\014\035\116\101\126\105\122\040\102\125\123  
\111\116\105\123\123\040\120\114\101\124\106\117\122\115\040\103  
\157\162\160\056\061\062\060\060\006\003\125\004\003\014\051\116  
\101\126\105\122\040\107\154\157\142\141\154\040\122\157\157\164

\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\266\324\361\223\134\265\100  
\211\012\253\015\220\133\120\143\256\220\224\164\027\105\162\326  
\173\145\132\051\113\247\126\240\113\270\057\102\165\351\331\173  
\044\132\061\145\253\027\027\321\063\072\331\021\334\100\066\207  
\337\307\152\351\046\136\131\212\167\343\350\110\234\061\026\372  
\076\221\261\312\311\243\342\237\316\041\123\243\002\066\060\313  
\122\002\345\332\062\135\303\305\346\371\356\021\307\213\311\104  
\036\204\223\030\112\264\237\345\022\144\151\320\046\205\142\001  
\266\311\002\035\276\203\121\273\134\332\370\255\025\152\231\367  
\222\124\367\064\133\351\277\352\051\201\022\324\123\221\226\263  
\221\132\335\376\220\163\050\373\060\106\265\312\010\007\307\161  
\162\311\146\323\064\227\366\214\364\030\112\341\320\075\132\105  
\266\151\247\051\373\043\316\210\330\022\234\000\110\250\246\017  
\263\073\222\215\161\016\164\305\213\310\114\371\364\233\216\270  
\074\151\355\157\073\120\057\130\355\304\260\320\034\033\152\014  
\342\274\104\252\330\315\024\135\224\170\141\277\016\156\332\052  
\274\057\014\013\161\246\263\026\077\234\346\371\314\237\123\065  
\342\003\240\240\030\277\273\361\276\364\326\214\207\015\102\367  
\006\271\361\155\355\004\224\250\376\266\323\006\306\100\141\337  
\235\235\363\124\166\316\123\072\001\246\222\101\354\004\243\217  
\015\242\325\011\312\326\313\232\361\357\103\135\300\253\245\101  
\317\134\123\160\160\311\210\246\055\324\153\141\163\120\046\206  
\141\016\137\033\302\053\342\214\325\273\235\301\003\102\272\224  
\332\137\251\260\312\314\115\012\357\107\151\003\057\042\373\361  
\050\316\277\135\120\145\250\220\155\263\164\260\010\307\254\250  
\321\353\076\234\374\135\032\203\056\053\313\265\363\104\235\072  
\247\027\141\226\242\161\323\160\226\025\115\267\114\163\356\031  
\134\305\133\076\101\376\254\165\140\073\033\143\316\000\335\332  
\010\220\142\264\345\055\356\110\247\153\027\231\124\276\207\112  
\343\251\136\004\114\353\020\155\124\326\357\361\350\362\142\026  
\313\200\153\355\075\355\365\037\060\245\256\113\311\023\355\212  
\001\001\311\270\121\130\300\146\072\261\146\113\304\325\061\002  
\142\351\164\204\014\333\115\106\055\002\003\001\000\001\243\102  
\060\100\060\035\006\003\125\035\016\004\026\004\024\322\237\210  
\337\241\315\054\275\354\365\073\001\001\223\063\047\262\353\140  
\113\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\015\006\011\052\206\110\206\367\015\001\001\014\005  
\000\003\202\002\001\000\062\312\200\263\235\075\124\006\335\322  
\322\056\360\244\001\041\013\147\110\312\155\216\340\310\252\015  
\252\215\041\127\217\306\076\172\312\333\121\324\122\263\324\226  
\204\245\130\140\177\345\013\216\037\365\334\012\025\201\345\073  
\266\267\042\057\011\234\023\026\261\154\014\065\010\155\253\143  
\162\355\334\276\354\307\127\346\060\040\161\326\327\020\301\023  
\125\001\214\052\103\344\101\361\317\072\172\123\222\316\242\003

\005\015\070\337\002\273\020\056\331\073\322\233\172\300\241\246  
\370\265\061\346\364\165\311\271\123\231\165\107\042\132\024\025  
\307\170\033\266\235\351\014\370\033\166\361\205\204\336\241\332  
\022\357\244\342\020\227\172\170\336\014\121\227\250\041\100\213  
\206\275\015\360\136\116\113\066\273\073\040\037\212\102\126\341  
\013\032\277\173\320\042\103\054\104\214\373\345\052\264\154\034  
\034\272\224\340\023\176\041\346\232\302\313\305\102\144\264\036  
\224\173\010\045\310\161\314\207\105\127\205\323\237\051\142\042  
\203\121\227\000\030\227\167\152\230\222\311\174\140\154\337\154  
\175\112\344\160\114\302\236\270\035\367\320\064\307\017\314\373  
\247\377\003\276\255\160\220\332\013\335\310\155\227\137\232\177  
\011\062\101\375\315\242\314\132\155\114\362\252\111\376\146\370  
\351\330\065\353\016\050\036\356\110\057\072\320\171\011\070\174  
\246\042\202\223\225\320\003\276\276\002\240\005\335\040\042\343  
\157\035\210\064\140\306\346\012\271\011\165\013\360\007\350\151  
\226\065\307\373\043\201\216\070\071\270\105\053\103\170\242\321  
\054\024\377\015\050\162\162\225\233\136\011\333\211\104\230\252  
\241\111\273\161\122\362\277\366\377\047\241\066\257\270\266\167  
\210\335\072\244\155\233\064\220\334\024\135\060\277\267\353\027  
\344\207\267\161\320\241\327\167\025\324\102\327\362\363\061\231  
\135\233\335\026\155\077\352\006\043\370\106\242\042\355\223\366  
\335\232\346\052\207\261\230\124\361\042\367\153\105\343\342\216  
\166\035\232\215\304\006\215\066\267\024\363\235\124\151\267\216  
\074\325\244\155\223\201\267\255\366\275\144\173\302\311\150\071  
\240\222\234\315\064\206\221\220\372\144\121\235\376\376\353\245  
\365\165\336\211\367\162

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "NAVER Global Root Certification Authority"

# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR

# Serial Number:01:94:30:1e:a2:0b:dd:f5:c5:33:2a:b1:43:44:71:f8:d6:50:4d:0d

# Subject: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR

# Not Valid Before: Fri Aug 18 08:58:42 2017

# Not Valid After : Tue Aug 18 23:59:59 2037

# Fingerprint (SHA-256):

88:F4:38:DC:F8:FF:D1:FA:8F:42:91:15:FF:E5:F8:2A:E1:E0:6E:0C:70:C3:75:FA:AD:71:7B:34:A4:9E:72:65

# Fingerprint (SHA1): 8F:6B:F2:A9:27:4A:DA:14:A0:C4:F4:8E:61:27:F9:C0:1E:78:5D:D1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "NAVER Global Root Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\217\153\362\251\047\112\332\024\240\304\364\216\141\047\371\300

\036\170\135\321

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\310\176\101\366\045\073\365\011\263\027\350\106\075\277\320\233
END
CKA_ISSUER MULTILINE_OCTAL
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\001\224\060\036\242\013\335\365\305\063\052\261\103\104
\161\370\326\120\115\015
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
#
# Issuer: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Serial Number:62:f6:32:6c:e5:c4:e3:68:5c:1b:62:dd:9c:2e:9d:95
# Subject: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Not Valid Before: Thu Dec 20 09:37:33 2018
# Not Valid After : Sun Dec 20 09:37:33 2043
# Fingerprint (SHA-256):
55:41:53:B1:3D:2C:F9:DD:B7:53:BF:BE:1A:4E:0A:E0:8D:0A:A4:18:70:58:FE:60:A2:B8:62:B2:E4:B8:7B:CB
# Fingerprint (SHA1): 62:FF:D9:9E:C0:65:0D:03:CE:75:93:D2:ED:3F:2D:32:C9:E3:E5:4A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\170\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\016\060\014\006\003\125\004\013\014\005\103\145\162
\145\163\061\030\060\026\006\003\125\004\141\014\017\126\101\124
\105\123\055\121\062\070\062\066\060\060\064\112\061\054\060\052
\006\003\125\004\003\014\043\101\103\040\122\101\111\132\040\106

```

\116\115\124\055\122\103\115\040\123\105\122\126\111\104\117\122  
\105\123\040\123\105\107\125\122\117\123  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\170\061\013\060\011\006\003\125\004\006\023\002\105\123\061  
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122  
\103\115\061\016\060\014\006\003\125\004\013\014\005\103\145\162  
\145\163\061\030\060\026\006\003\125\004\141\014\017\126\101\124  
\105\123\055\121\062\070\062\066\060\060\064\112\061\054\060\052  
\006\003\125\004\003\014\043\101\103\040\122\101\111\132\040\106  
\116\115\124\055\122\103\115\040\123\105\122\126\111\104\117\122  
\105\123\040\123\105\107\125\122\117\123  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\142\366\062\154\345\304\343\150\134\033\142\335\234\056  
\235\225  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\002\156\060\202\001\363\240\003\002\001\002\002\020\142  
\366\062\154\345\304\343\150\134\033\142\335\234\056\235\225\060  
\012\006\010\052\206\110\316\075\004\003\003\060\170\061\013\060  
\011\006\003\125\004\006\023\002\105\123\061\021\060\017\006\003  
\125\004\012\014\010\106\116\115\124\055\122\103\115\061\016\060  
\014\006\003\125\004\013\014\005\103\145\162\145\163\061\030\060  
\026\006\003\125\004\141\014\017\126\101\124\105\123\055\121\062  
\070\062\066\060\060\064\112\061\054\060\052\006\003\125\004\003  
\014\043\101\103\040\122\101\111\132\040\106\116\115\124\055\122  
\103\115\040\123\105\122\126\111\104\117\122\105\123\040\123\105  
\107\125\122\117\123\060\036\027\015\061\070\061\062\062\060\060  
\071\063\067\063\063\132\027\015\064\063\061\062\062\060\060\071  
\063\067\063\063\132\060\170\061\013\060\011\006\003\125\004\006  
\023\002\105\123\061\021\060\017\006\003\125\004\012\014\010\106  
\116\115\124\055\122\103\115\061\016\060\014\006\003\125\004\013  
\014\005\103\145\162\145\163\061\030\060\026\006\003\125\004\141  
\014\017\126\101\124\105\123\055\121\062\070\062\066\060\060\064  
\112\061\054\060\052\006\003\125\004\003\014\043\101\103\040\122  
\101\111\132\040\106\116\115\124\055\122\103\115\040\123\105\122  
\126\111\104\117\122\105\123\040\123\105\107\125\122\117\123\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\366\272\127\123\310\312\253\337\066  
\112\122\041\344\227\322\203\147\236\360\145\121\320\136\207\307  
\107\261\131\362\127\107\233\000\002\223\104\027\151\333\102\307  
\261\262\072\030\016\264\135\214\263\146\135\241\064\371\066\054  
\111\333\363\106\374\263\104\151\104\023\146\375\327\305\375\257  
\066\115\316\003\115\007\161\317\257\152\005\322\242\103\132\012  
\122\157\001\003\116\216\213\243\102\060\100\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003

```
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003
\125\035\016\004\026\004\024\001\271\057\357\277\021\206\140\362
\117\320\101\156\253\163\037\347\322\156\111\060\012\006\010\052
\206\110\316\075\004\003\003\003\151\000\060\146\002\061\000\256
\112\343\053\100\303\164\021\362\225\255\026\043\336\116\014\032
\346\135\245\044\136\153\104\173\374\070\342\117\313\234\105\027
\021\114\024\047\046\125\071\165\112\003\314\023\220\237\222\002
\061\000\372\112\154\140\210\163\363\356\270\230\142\251\316\053
\302\331\212\246\160\061\035\257\260\224\114\353\117\306\343\321
\363\142\247\074\377\223\056\007\134\111\001\147\151\022\002\162
\277\347
```

END

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

```
# Trust for "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
```

```
# Issuer: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
```

```
# Serial Number:62:f6:32:6c:e5:c4:e3:68:5c:1b:62:dd:9c:2e:9d:95
```

```
# Subject: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
```

```
# Not Valid Before: Thu Dec 20 09:37:33 2018
```

```
# Not Valid After : Sun Dec 20 09:37:33 2043
```

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

```
55:41:53:B1:3D:2C:F9:DD:B7:53:BF:BE:1A:4E:0A:E0:8D:0A:A4:18:70:58:FE:60:A2:B8:62:B2:E4:B8:7B:CB
```

```
# Fingerprint (SHA1): 62:FF:D9:9E:C0:65:0D:03:CE:75:93:D2:ED:3F:2D:32:C9:E3:E5:4A
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\142\377\331\236\300\145\015\003\316\165\223\322\355\077\055\062
\311\343\345\112
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\031\066\234\122\003\057\322\321\273\043\314\335\036\022\125\273
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\170\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\016\060\014\006\003\125\004\013\014\005\103\145\162
\145\163\061\030\060\026\006\003\125\004\141\014\017\126\101\124
\105\123\055\121\062\070\062\066\060\060\064\112\061\054\060\052
\006\003\125\004\003\014\043\101\103\040\122\101\111\132\040\106
\116\115\124\055\122\103\115\040\123\105\122\126\111\104\117\122
\105\123\040\123\105\107\125\122\117\123
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\142\366\062\154\345\304\343\150\134\033\142\335\234\056
\235\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Secure Mail Root R45"
#
# Issuer: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE
# Serial Number:76:53:fe:a8:4c:50:ab:9f:8d:32:b5:1d:03:8f:57:dc
# Subject: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 18 00:00:00 2020
# Not Valid After : Sat Mar 18 00:00:00 2045
# Fingerprint (SHA-256):
31:9A:F0:A7:72:9E:6F:89:26:9C:13:1E:A6:A3:A1:6F:CD:86:38:9F:DC:AB:3C:47:A4:A6:75:C1:61:A3:F9:74
# Fingerprint (SHA1): 76:18:D1:F3:80:24:3D:52:40:C6:11:6A:AD:57:77:09:7D:81:30:A0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Secure Mail Root R45"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\122\064\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\122\064\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\123\376\250\114\120\253\237\215\062\265\035\003\217
\127\334
END

```

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\160\060\202\003\130\240\003\002\001\002\002\020\166  
\123\376\250\114\120\253\237\215\062\265\035\003\217\127\334\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\122  
\061\013\060\011\006\003\125\004\006\023\002\102\105\061\031\060  
\027\006\003\125\004\012\023\020\107\154\157\142\141\154\123\151  
\147\156\040\156\166\055\163\141\061\050\060\046\006\003\125\004  
\003\023\037\107\154\157\142\141\154\123\151\147\156\040\123\145  
\143\165\162\145\040\115\141\151\154\040\122\157\157\164\040\122  
\064\065\060\036\027\015\062\060\060\063\061\070\060\060\060\060  
\060\060\132\027\015\064\065\060\063\061\070\060\060\060\060\060  
\060\132\060\122\061\013\060\011\006\003\125\004\006\023\002\102  
\105\061\031\060\027\006\003\125\004\012\023\020\107\154\157\142  
\141\154\123\151\147\156\040\156\166\055\163\141\061\050\060\046  
\006\003\125\004\003\023\037\107\154\157\142\141\154\123\151\147  
\156\040\123\145\143\165\162\145\040\115\141\151\154\040\122\157  
\157\164\040\122\064\065\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\334\171\314\155\006\371\155\273\340  
\126\004\154\177\340\165\314\055\005\111\350\113\334\124\354\133  
\167\225\162\277\177\142\235\205\251\212\044\120\137\123\345\333  
\164\157\244\051\133\023\052\011\255\232\305\057\302\367\166\073  
\241\105\106\252\103\346\044\376\053\260\157\062\160\031\106\132  
\171\046\057\374\075\175\137\144\313\127\314\141\141\250\331\225  
\156\343\225\240\156\177\107\022\030\326\357\003\311\373\212\372  
\232\275\202\025\251\125\167\113\021\117\131\340\153\303\161\363  
\014\330\124\325\201\150\076\023\271\025\056\207\212\074\104\047  
\066\142\044\156\370\054\005\162\060\141\275\102\221\043\304\235  
\045\247\331\124\232\024\243\061\255\200\171\014\247\143\154\230  
\243\254\127\107\063\037\145\226\341\320\322\065\332\371\161\367  
\241\246\045\265\101\135\337\076\140\330\321\366\237\245\362\270  
\314\023\252\217\371\262\156\341\203\055\223\335\076\205\032\335  
\350\261\134\046\001\313\111\205\374\374\322\324\177\205\142\206  
\164\371\313\354\065\042\242\014\060\217\073\253\171\353\126\362  
\372\102\363\355\371\037\105\211\100\051\255\352\222\164\352\122  
\375\126\264\053\332\242\355\165\302\156\253\316\122\220\113\366  
\336\360\111\217\232\110\324\210\031\155\105\346\314\214\271\335  
\144\140\140\002\100\370\271\317\274\130\353\075\205\271\306\012  
\323\234\007\146\217\307\030\071\043\106\341\074\036\243\057\120  
\141\222\013\075\053\154\361\243\107\070\127\221\253\015\217\306  
\235\115\004\322\046\122\134\345\245\375\052\055\026\052\001\151  
\347\251\175\341\066\267\261\052\305\331\261\215\275\271\213\316  
\314\213\241\076\013\110\315\120\225\064\304\330\010\131\330\153  
\046\364\276\365\324\042\027\000\127\311\256\233\004\060\063\237  
\013\373\337\126\242\311\156\124\166\332\261\227\142\047\131\017  
\021\212\042\033\144\226\077\250\361\267\044\112\215\074\123\174  
\155\203\166\075\262\046\110\163\365\104\026\001\055\011\052\216  
\026\226\120\320\163\006\135\273\042\110\202\114\012\106\132\077

\200\377\134\362\362\232\254\054\010\340\326\352\360\022\070\201  
\117\246\020\355\106\253\314\026\234\013\317\144\246\231\002\205  
\104\147\106\255\375\115\347\002\003\001\000\001\243\102\060\100  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\240\223\025\050  
\156\356\217\010\262\065\306\236\142\171\164\247\261\016\053\173  
\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\003  
\202\002\001\000\105\012\370\321\134\254\142\201\320\004\327\266  
\377\127\121\211\013\014\313\336\044\145\067\373\253\236\355\146  
\364\352\014\031\151\211\270\031\261\060\126\264\331\366\367\276  
\306\256\227\313\105\366\021\214\072\060\144\114\301\237\131\300  
\106\102\010\006\107\144\027\170\340\225\007\006\326\214\242\254  
\251\331\077\323\173\126\117\374\304\207\050\337\266\053\026\043  
\300\237\037\133\343\326\104\136\042\117\043\004\214\065\026\265  
\171\007\206\134\057\227\342\366\010\144\246\334\333\250\212\343  
\244\173\167\015\321\051\223\050\040\264\123\243\113\116\137\336  
\301\366\165\043\374\037\074\170\117\160\061\170\057\242\065\124  
\161\004\254\310\304\155\303\366\221\261\376\315\356\104\156\201  
\366\100\305\076\052\001\277\253\114\261\003\077\015\021\344\017  
\322\044\343\042\210\233\237\137\107\075\121\111\340\011\067\176  
\027\041\061\166\267\147\161\110\050\113\045\327\020\350\237\141  
\131\026\305\076\062\116\037\014\316\243\314\017\344\307\021\007  
\042\057\070\010\335\133\227\353\102\154\131\232\232\356\172\320  
\235\337\305\333\011\103\056\012\252\031\075\153\350\152\060\172  
\127\346\277\263\152\071\251\217\343\361\117\145\150\266\275\237  
\050\217\241\026\132\011\120\072\062\056\035\057\104\021\102\246  
\000\346\061\230\377\055\241\017\346\244\140\126\317\171\327\262  
\116\327\260\372\156\014\127\043\307\316\037\245\261\114\155\031  
\111\236\016\177\160\217\161\077\130\050\237\165\335\141\340\072  
\267\071\266\356\227\324\065\121\373\213\111\140\310\074\146\256  
\227\356\215\046\131\127\273\170\360\172\120\060\011\260\140\252  
\237\116\334\311\076\036\072\334\142\223\063\260\072\124\164\157  
\054\061\105\321\153\021\062\152\150\166\366\075\366\152\023\136  
\044\230\347\352\035\232\317\170\202\007\140\367\115\020\323\201  
\232\105\215\236\257\233\334\200\307\103\262\225\150\244\303\016  
\350\012\107\025\277\124\063\334\001\347\325\246\036\163\330\172  
\262\277\057\255\343\125\060\236\337\016\101\274\340\021\365\241  
\014\250\042\341\343\000\243\116\160\174\222\343\004\321\172\102  
\212\165\220\131\343\233\321\114\242\144\275\163\171\233\157\362  
\263\301\366\074

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign Secure Mail Root R45"

# Issuer: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE

```

# Serial Number:76:53:fe:a8:4c:50:ab:9f:8d:32:b5:1d:03:8f:57:dc
# Subject: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 18 00:00:00 2020
# Not Valid After : Sat Mar 18 00:00:00 2045
# Fingerprint (SHA-256):
31:9A:F0:A7:72:9E:6F:89:26:9C:13:1E:A6:A3:A1:6F:CD:86:38:9F:DC:AB:3C:47:A4:A6:75:C1:61:A3:F9:74
# Fingerprint (SHA1): 76:18:D1:F3:80:24:3D:52:40:C6:11:6A:AD:57:77:09:7D:81:30:A0
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Secure Mail Root R45"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\166\030\321\363\200\044\075\122\100\306\021\152\255\127\167\011
\175\201\060\240
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\223\304\173\263\016\124\107\034\103\054\213\276\160\205\142\051
END
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\122\064\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\123\376\250\114\120\253\237\215\062\265\035\003\217
\127\334
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Secure Mail Root E45"
#
# Issuer: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
# Serial Number:76:53:fe:aa:27:1d:95:46:5d:d6:f1:9e:e5:b8:90:0a
# Subject: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 18 00:00:00 2020
# Not Valid After : Sat Mar 18 00:00:00 2045
# Fingerprint (SHA-256):
5C:BF:6F:B8:1F:D4:17:EA:41:28:CD:6F:81:72:A3:C9:40:20:94:F7:4A:B2:ED:3A:06:B4:40:5D:04:F3:0B:19
# Fingerprint (SHA1): 18:2E:1F:32:4F:89:DF:BE:FE:88:89:F0:93:C2:C4:A0:2B:67:75:21
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Secure Mail Root E45"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\105\064\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\105\064\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\123\376\252\047\035\225\106\135\326\361\236\345\270
\220\012
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\041\060\202\001\247\240\003\002\001\002\002\020\166
\123\376\252\047\035\225\106\135\326\361\236\345\270\220\012\060
\012\006\010\052\206\110\316\075\004\003\003\060\122\061\013\060
\011\006\003\125\004\006\023\002\102\105\061\031\060\027\006\003
\125\004\012\023\020\107\154\157\142\141\154\123\151\147\156\040
\156\166\055\163\141\061\050\060\046\006\003\125\004\003\023\037
\107\154\157\142\141\154\123\151\147\156\040\123\145\143\165\162
\145\040\115\141\151\154\040\122\157\157\164\040\105\064\065\060
\036\027\015\062\060\060\063\061\070\060\060\060\060\060\060\132
\027\015\064\065\060\063\061\070\060\060\060\060\060\060\132\060
\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061\031
\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154\123
\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003\125
\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040\123
\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164\040
\105\064\065\060\166\060\020\006\007\052\206\110\316\075\002\001
\006\005\053\201\004\000\042\003\142\000\004\371\171\213\201\107
\067\211\226\077\105\111\120\177\032\046\013\223\062\176\056\300
\300\247\010\232\303\156\217\233\076\013\042\354\067\123\267\157
\212\260\274\047\067\113\155\251\106\073\331\037\377\245\241\104
\273\055\163\277\236\101\007\134\123\233\121\010\072\132\273\157
```

```
\070\307\026\221\170\302\112\023\151\035\202\337\132\057\000\210
\226\242\056\034\164\371\235\176\146\067\212\243\102\060\100\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\337\023\136\213\137
\302\100\002\375\126\267\224\114\266\036\325\246\261\024\226\060
\012\006\010\052\206\110\316\075\004\003\003\003\150\000\060\145
\002\060\023\260\276\327\161\040\076\344\253\234\316\066\022\175
\137\114\037\052\265\151\105\063\137\323\055\132\262\344\210\307
\336\012\066\102\062\171\235\246\153\272\341\371\104\052\173\212
\303\022\002\061\000\240\146\034\116\207\235\207\311\355\231\114
\033\012\356\055\140\303\067\307\035\315\265\162\260\331\306\357
\274\362\377\077\360\122\335\010\347\252\144\171\303\344\151\127
\221\057\244\313\174
```

END

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

```
# Trust for "GlobalSign Secure Mail Root E45"
```

```
# Issuer: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
```

```
# Serial Number:76:53:fe:aa:27:1d:95:46:5d:d6:f1:9e:e5:b8:90:0a
```

```
# Subject: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
```

```
# Not Valid Before: Wed Mar 18 00:00:00 2020
```

```
# Not Valid After : Sat Mar 18 00:00:00 2045
```

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

```
5C:BF:6F:B8:1F:D4:17:EA:41:28:CD:6F:81:72:A3:C9:40:20:94:F7:4A:B2:ED:3A:06:B4:40:5D:04:F3:0B:19
```

```
# Fingerprint (SHA1): 18:2E:1F:32:4F:89:DF:BE:FE:88:89:F0:93:C2:C4:A0:2B:67:75:21
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Secure Mail Root E45"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\030\056\037\062\117\211\337\276\376\210\211\360\223\302\304\240
\053\147\165\041
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\305\374\306\056\237\364\122\055\052\250\244\272\373\147\062\377
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\105\064\065
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\123\376\252\047\035\225\106\135\326\361\236\345\270
\220\012
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root R46"
#
# Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# Serial Number:11:d2:bb:b9:d7:23:18:9e:40:5f:0a:9d:2d:d0:df:25:67:d1
# Subject: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After : Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
4F:A3:12:6D:8D:3A:11:D1:C4:85:5A:4F:80:7C:BA:D6:CF:91:9D:3A:5A:88:B0:3B:EA:2C:63:72:D9:3C:40:C9
# Fingerprint (SHA1): 53:A2:B0:4B:CA:6B:D6:45:E6:39:8A:8E:C4:0D:D2:BF:77:C3:A2:90
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root R46"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\122\064\066
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\122\064\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\322\273\271\327\043\030\236\100\137\012\235\055\320
\337\045\147\321
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\132\060\202\003\102\240\003\002\001\002\002\022\021
\322\273\271\327\043\030\236\100\137\012\235\055\320\337\045\147

```

\321\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000  
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061  
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154  
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003  
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040  
\122\157\157\164\040\122\064\066\060\036\027\015\061\071\060\063  
\062\060\060\060\060\060\060\060\132\027\015\064\066\060\063\062  
\060\060\060\060\060\060\060\132\060\106\061\013\060\011\006\003  
\125\004\006\023\002\102\105\061\031\060\027\006\003\125\004\012  
\023\020\107\154\157\142\141\154\123\151\147\156\040\156\166\055  
\163\141\061\034\060\032\006\003\125\004\003\023\023\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\122\064\066  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\254\254\164\062\350\263\145\345\272\355\103\046\035\246\211  
\015\105\272\051\210\262\244\035\143\335\323\301\054\011\127\211  
\071\241\125\351\147\064\167\014\156\344\125\035\122\045\322\023  
\153\136\341\035\251\267\175\211\062\137\015\236\237\054\172\143  
\140\100\037\246\260\266\170\217\231\124\226\010\130\256\344\006  
\274\142\005\002\026\277\257\250\043\003\266\224\017\274\156\154  
\302\313\325\246\273\014\351\366\301\002\373\041\336\146\335\027  
\253\164\102\357\360\164\057\045\364\352\153\125\133\220\333\235  
\337\136\207\012\100\373\255\031\153\373\367\312\140\210\336\332  
\301\217\326\256\325\177\324\074\203\356\327\026\114\203\105\063  
\153\047\320\206\320\034\055\153\363\253\175\361\205\251\365\050  
\322\255\357\363\204\113\034\207\374\023\243\072\162\242\132\021  
\053\326\047\161\047\355\201\055\155\146\201\222\207\264\033\130  
\172\314\077\012\372\106\117\115\170\134\370\053\110\343\004\204  
\313\135\366\264\152\263\145\374\102\236\121\046\043\040\313\075  
\024\371\201\355\145\026\000\117\032\144\227\146\010\317\214\173  
\343\053\300\235\371\024\362\033\361\126\152\026\277\054\205\205  
\315\170\070\232\353\102\152\002\064\030\203\027\116\224\126\370  
\266\202\265\363\226\335\075\363\276\177\040\167\076\173\031\043  
\153\054\324\162\163\103\127\175\340\370\327\151\117\027\066\004  
\371\300\220\140\067\105\336\346\014\330\164\215\256\234\242\155  
\164\135\102\276\006\365\331\144\156\002\020\254\211\260\114\073  
\007\115\100\176\044\305\212\230\202\171\216\244\247\202\040\215  
\043\372\047\161\311\337\306\101\164\240\115\366\221\026\334\106  
\214\137\051\143\061\131\161\014\330\157\302\266\062\175\373\346  
\135\123\246\176\025\374\273\165\174\135\354\370\366\027\034\354  
\307\153\031\313\363\173\360\053\007\245\331\154\171\124\166\154  
\235\034\246\156\016\351\171\014\250\043\152\243\337\033\060\061  
\237\261\124\173\376\152\313\146\252\334\145\320\242\236\112\232  
\007\041\153\201\217\333\304\131\372\336\042\300\004\234\343\252  
\133\066\223\350\075\275\172\241\235\013\166\261\013\307\235\375  
\317\230\250\006\302\370\052\243\241\203\240\267\045\162\245\002  
\343\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\017\006\003\125\035

\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\003\134\253\163\201\207\250\314\260\246  
\325\224\342\066\226\111\377\005\231\054\060\015\006\011\052\206  
\110\206\367\015\001\001\014\005\000\003\202\002\001\000\174\170  
\354\366\002\054\273\133\176\222\053\135\071\334\276\330\035\242  
\102\063\115\371\357\244\052\073\104\151\036\254\331\105\243\116  
\074\247\330\044\121\262\124\034\223\116\304\357\173\223\205\140  
\046\352\011\110\340\365\273\307\351\150\322\273\152\061\161\314  
\171\256\021\250\360\231\375\345\037\274\057\250\314\127\353\166  
\304\041\246\107\123\125\115\150\277\005\244\356\327\046\253\142  
\332\103\067\113\342\306\265\345\262\203\031\072\307\323\333\115  
\236\010\172\363\356\317\076\142\373\254\350\140\314\321\307\241  
\134\203\105\304\105\314\363\027\153\024\311\004\002\076\322\044  
\246\171\351\036\316\242\347\301\131\025\237\035\342\113\232\076  
\237\166\010\055\153\330\272\127\024\332\203\352\376\214\125\351  
\320\116\251\314\167\061\261\104\021\172\134\261\076\323\024\105  
\025\030\142\044\023\322\313\115\316\134\203\301\066\362\020\265  
\016\210\155\270\341\126\237\211\336\226\146\071\107\144\054\156  
\115\256\142\173\277\140\164\031\270\126\254\222\254\026\062\355  
\255\150\125\376\230\272\323\064\336\364\311\141\303\016\206\366  
\113\204\140\356\015\173\265\062\130\171\221\125\054\201\103\263  
\164\037\172\252\045\236\035\327\241\213\271\315\102\056\004\244  
\146\203\115\211\065\266\154\250\066\112\171\041\170\042\320\102  
\274\321\100\061\220\241\276\004\317\312\147\355\365\360\200\323  
\140\311\203\052\042\005\320\007\073\122\277\014\236\252\053\371  
\273\346\037\217\045\272\205\215\027\036\002\376\135\120\004\127  
\317\376\055\274\357\134\300\032\253\266\237\044\306\337\163\150  
\110\220\054\024\364\077\122\032\344\322\313\024\303\141\151\317  
\342\371\030\305\272\063\237\024\243\004\135\271\161\367\265\224  
\330\366\063\301\132\301\064\213\174\233\335\223\072\347\023\242  
\160\141\237\257\217\353\330\305\165\370\063\146\324\164\147\072  
\067\167\234\347\335\244\017\166\103\146\212\103\362\237\373\014  
\102\170\143\321\342\017\157\173\324\241\075\164\227\205\267\110  
\071\101\326\040\374\320\072\263\372\350\157\304\212\272\161\067  
\276\213\227\261\170\061\117\263\347\266\003\023\316\124\235\256  
\045\131\314\177\065\137\010\367\100\105\061\170\052\172

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign Root R46"  
# Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE  
# Serial Number: 11:d2:bb:b9:d7:23:18:9e:40:5f:0a:9d:2d:d0:df:25:67:d1  
# Subject: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE  
# Not Valid Before: Wed Mar 20 00:00:00 2019  
# Not Valid After : Tue Mar 20 00:00:00 2046  
# Fingerprint (SHA-256):

```

4F:A3:12:6D:8D:3A:11:D1:C4:85:5A:4F:80:7C:BA:D6:CF:91:9D:3A:5A:88:B0:3B:EA:2C:63:72:D9:3C:40:C9
# Fingerprint (SHA1): 53:A2:B0:4B:CA:6B:D6:45:E6:39:8A:8E:C4:0D:D2:BF:77:C3:A2:90
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root R46"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\123\242\260\113\312\153\326\105\346\071\212\216\304\015\322\277
\167\303\242\220
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\304\024\060\344\372\146\103\224\052\152\033\044\137\031\320\357
END
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\122\064\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\322\273\271\327\043\030\236\100\137\012\235\055\320
\337\045\147\321
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root E46"
#
# Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Serial Number:11:d2:bb:ba:33:6e:d4:bc:e6:24:68:c5:0d:84:1d:98:e8:43
# Subject: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After : Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
CB:B9:C4:4D:84:B8:04:3E:10:50:EA:31:A6:9F:51:49:55:D7:BF:D2:E2:C6:B4:93:01:01:9A:D6:1D:9F:50:58
# Fingerprint (SHA1): 39:B4:6C:D5:FE:80:06:EB:E2:2F:4A:BB:08:33:A0:AF:DB:B9:DD:84
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root E46"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061  
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154  
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003  
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040  
\122\157\157\164\040\105\064\066

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061  
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154  
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003  
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040  
\122\157\157\164\040\105\064\066

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\022\021\322\273\272\063\156\324\274\346\044\150\305\015\204  
\035\230\350\103

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\013\060\202\001\221\240\003\002\001\002\002\022\021  
\322\273\272\063\156\324\274\346\044\150\305\015\204\035\230\350  
\103\060\012\006\010\052\206\110\316\075\004\003\003\060\106\061  
\013\060\011\006\003\125\004\006\023\002\102\105\061\031\060\027  
\006\003\125\004\012\023\020\107\154\157\142\141\154\123\151\147  
\156\040\156\166\055\163\141\061\034\060\032\006\003\125\004\003  
\023\023\107\154\157\142\141\154\123\151\147\156\040\122\157\157  
\164\040\105\064\066\060\036\027\015\061\071\060\063\062\060\060  
\060\060\060\060\060\132\027\015\064\066\060\063\062\060\060\060  
\060\060\060\060\132\060\106\061\013\060\011\006\003\125\004\006  
\023\002\102\105\061\031\060\027\006\003\125\004\012\023\020\107  
\154\157\142\141\154\123\151\147\156\040\156\166\055\163\141\061  
\034\060\032\006\003\125\004\003\023\023\107\154\157\142\141\154  
\123\151\147\156\040\122\157\157\164\040\105\064\066\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\234\016\261\317\267\350\236\122\167\165\064  
\372\245\106\247\255\062\031\062\264\007\251\047\312\224\273\014  
\322\012\020\307\332\211\260\227\014\160\023\011\001\216\330\352  
\107\352\276\262\200\053\315\374\050\015\333\254\274\244\206\067  
\355\160\010\000\165\352\223\013\173\056\122\234\043\150\043\006  
\103\354\222\057\123\204\333\373\107\024\007\350\137\224\147\135  
\311\172\201\074\040\243\102\060\100\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\206\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\061\012\220\217\266\306\235\322\104\113\200  
\265\242\346\037\261\022\117\033\225\060\012\006\010\052\206\110  
\316\075\004\003\003\003\150\000\060\145\002\061\000\337\124\220  
\355\233\357\213\224\002\223\027\202\231\276\263\236\054\366\013  
\221\214\237\112\024\261\366\144\274\273\150\121\023\014\003\367

```
\025\213\204\140\271\213\377\122\216\347\214\274\034\002\060\074
\371\021\324\214\116\300\301\141\302\025\114\252\253\035\013\061
\137\073\034\342\000\227\104\061\346\376\163\226\057\332\226\323
\376\010\007\263\064\211\274\005\237\367\036\206\356\213\160
```

END

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

# Trust for "GlobalSign Root E46"

# Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE

# Serial Number:11:d2:bb:ba:33:6e:d4:bc:e6:24:68:c5:0d:84:1d:98:e8:43

# Subject: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE

# Not Valid Before: Wed Mar 20 00:00:00 2019

# Not Valid After : Tue Mar 20 00:00:00 2046

# Fingerprint (SHA-256):

CB:B9:C4:4D:84:B8:04:3E:10:50:EA:31:A6:9F:51:49:55:D7:BF:D2:E2:C6:B4:93:01:01:9A:D6:1D:9F:50:58

# Fingerprint (SHA1): 39:B4:6C:D5:FE:80:06:EB:E2:2F:4A:BB:08:33:A0:AF:DB:B9:DD:84

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Root E46"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\071\264\154\325\376\200\006\353\342\057\112\273\010\063\240\257
\333\271\335\204
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\265\270\146\355\336\010\203\343\311\342\001\064\006\254\121\157
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\105\064\066
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\022\021\322\273\272\063\156\324\274\346\044\150\305\015\204
\035\230\350\103
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

# Certificate "GLOBALTRUST 2020"



\123\124\040\062\060\062\060\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\256\056\126\255\033\034\357\366  
\225\217\240\167\033\053\323\143\217\204\115\105\242\017\237\133  
\105\253\131\173\121\064\371\354\213\212\170\305\335\153\257\275  
\304\337\223\105\036\277\221\070\013\256\016\026\347\101\163\370  
\333\273\321\270\121\340\313\203\073\163\070\156\167\212\017\131  
\143\046\315\247\052\316\124\373\270\342\300\174\107\316\140\174  
\077\262\163\362\300\031\266\212\222\207\065\015\220\050\242\344  
\025\004\143\076\272\257\356\174\136\314\246\213\120\262\070\367  
\101\143\312\316\377\151\217\150\016\225\066\345\314\271\214\011  
\312\113\335\061\220\226\310\314\037\375\126\226\064\333\216\034  
\352\054\276\205\056\143\335\252\251\225\323\375\051\225\023\360  
\310\230\223\331\055\026\107\220\021\203\242\072\042\242\050\127  
\242\353\376\300\214\050\240\246\175\347\052\102\073\202\200\143  
\245\143\037\031\314\174\262\146\250\302\323\155\067\157\342\176  
\006\121\331\105\204\037\022\316\044\122\144\205\013\110\200\116  
\207\261\042\042\060\252\353\256\276\340\002\340\100\350\260\102  
\200\003\121\252\264\176\252\104\327\103\141\363\242\153\026\211  
\111\244\243\244\053\212\002\304\170\364\150\212\301\344\172\066  
\261\157\033\226\033\167\111\215\324\311\006\162\217\317\123\343  
\334\027\205\040\112\334\230\047\323\221\046\053\107\036\151\007  
\257\336\242\344\344\324\153\013\263\136\174\324\044\200\107\051  
\151\073\156\350\254\375\100\353\330\355\161\161\053\362\350\130  
\035\353\101\227\042\305\037\324\071\320\047\217\207\343\030\364  
\340\251\106\015\365\164\072\202\056\320\156\054\221\243\061\134  
\073\106\352\173\004\020\126\136\200\035\365\245\145\350\202\374  
\342\007\214\142\105\365\040\336\106\160\206\241\274\223\323\036  
\164\246\154\260\054\367\003\014\210\014\313\324\162\123\206\274  
\140\106\363\230\152\302\361\277\103\371\160\040\167\312\067\101  
\171\125\122\143\215\133\022\237\305\150\304\210\235\254\362\060  
\253\267\243\061\227\147\255\217\027\017\154\307\163\355\044\224  
\153\310\203\232\320\232\067\111\004\253\261\026\310\154\111\111  
\055\253\241\320\214\222\362\101\112\171\041\045\333\143\327\266  
\234\247\176\102\151\373\072\143\002\003\001\000\001\243\143\060  
\141\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\035\006\003\125\035\016\004\026\004\024\334\056\037  
\321\141\067\171\344\253\325\325\263\022\161\150\075\152\150\234  
\042\060\037\006\003\125\035\043\004\030\060\026\200\024\334\056  
\037\321\141\067\171\344\253\325\325\263\022\161\150\075\152\150  
\234\042\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\003\202\002\001\000\221\360\102\002\150\100\356\303\150\300  
\124\057\337\354\142\303\303\236\212\240\061\050\252\203\216\244  
\126\226\022\020\206\126\272\227\162\322\124\060\174\255\031\325  
\035\150\157\373\024\102\330\215\016\363\265\321\245\343\002\102  
\136\334\350\106\130\007\065\002\060\340\274\164\112\301\103\052  
\377\333\032\320\260\257\154\303\375\313\263\365\177\155\003\056

\131\126\235\055\055\065\214\262\326\103\027\054\222\012\313\135  
\350\214\017\113\160\103\320\202\377\250\314\277\244\224\300\276  
\207\275\212\343\223\173\306\217\233\026\235\047\145\274\172\305  
\102\202\154\134\007\320\251\301\210\140\104\351\230\205\026\137  
\370\217\312\001\020\316\045\303\371\140\033\240\305\227\303\323  
\054\210\061\242\275\060\354\320\320\300\022\361\301\071\343\345  
\365\370\326\112\335\064\315\373\157\301\117\343\000\213\126\342  
\222\367\050\262\102\167\162\043\147\307\077\021\025\262\304\003  
\005\276\273\021\173\012\277\250\156\347\377\130\103\317\233\147  
\240\200\007\266\035\312\255\155\352\101\021\176\055\164\223\373  
\302\274\276\121\104\305\357\150\045\047\200\343\310\240\324\022  
\354\331\245\067\035\067\174\264\221\312\332\324\261\226\201\357  
\150\134\166\020\111\257\176\245\067\200\261\034\122\275\063\201  
\114\217\371\335\145\331\024\315\212\045\130\364\342\305\203\245  
\011\220\324\154\024\143\265\100\337\353\300\374\304\130\176\015  
\024\026\207\124\047\156\126\344\160\204\270\154\062\022\176\202  
\061\103\276\327\335\174\241\255\256\326\253\040\022\357\012\303  
\020\214\111\226\065\334\013\165\136\261\117\325\117\064\016\021  
\040\007\165\103\105\351\243\021\332\254\243\231\302\266\171\047  
\342\271\357\310\342\366\065\051\172\164\372\305\177\202\005\142  
\246\012\352\150\262\171\107\006\156\362\127\250\025\063\306\367  
\170\112\075\102\173\153\176\376\367\106\352\321\353\216\357\210  
\150\133\350\301\331\161\176\375\144\357\377\147\107\210\130\045  
\057\076\206\007\275\373\250\345\202\250\254\245\323\151\103\315  
\061\210\111\204\123\222\300\261\071\033\071\203\001\060\304\362  
\251\372\320\003\275\162\067\140\126\037\066\174\275\071\221\365  
\155\015\277\173\327\222

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GLOBALTRUST 2020"

# Issuer: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT

# Serial Number:5a:4b:bd:5a:fb:4f:8a:5b:fa:65:e5

# Subject: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT

# Not Valid Before: Mon Feb 10 00:00:00 2020

# Not Valid After : Sun Jun 10 00:00:00 2040

# Fingerprint (SHA-256):

9A:29:6A:51:82:D1:D4:51:A2:E3:7F:43:9B:74:DA:AF:A2:67:52:33:29:F9:0F:9A:0D:20:07:C3:34:E2:3C:9A

# Fingerprint (SHA1): D0:67:C1:13:51:01:0C:AA:D0:C7:6A:65:37:31:16:26:4F:53:71:A2

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GLOBALTRUST 2020"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\320\147\301\023\121\001\014\252\320\307\152\145\067\061\026\046

```

\117\123\161\242
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\212\307\157\313\155\343\314\242\361\174\203\372\016\170\327\350
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155
\145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040
\107\155\142\110\061\031\060\027\006\003\125\004\003\023\020\107
\114\117\102\101\114\124\122\125\123\124\040\062\060\062\060
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\132\113\275\132\373\117\212\133\372\145\345
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ANF Secure Server Root CA"
#
# Issuer: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
# Serial Number:0d:d3:e3:bc:6c:f9:6b:b1
# Subject: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
# Not Valid Before: Wed Sep 04 10:00:38 2019
# Not Valid After : Tue Aug 30 10:00:38 2039
# Fingerprint (SHA-256):
FB:8F:EC:75:91:69:B9:10:6B:1E:51:16:44:C6:18:C5:13:04:37:3F:6C:06:43:08:8D:8B:EF:FD:1B:99:75:99
# Fingerprint (SHA1): 5B:6E:68:D0:CC:15:B6:A0:5F:1E:C1:5F:AE:02:FC:6B:2F:5D:6F:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANF Secure Server Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066
\063\062\070\067\065\061\060\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\047\060\045\006\003\125\004\012\023\036\101
\116\106\040\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122
\141\151\172\061\042\060\040\006\003\125\004\003\023\031\101\116
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040

```

\122\157\157\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066  
\063\062\070\067\065\061\060\061\013\060\011\006\003\125\004\006  
\023\002\105\123\061\047\060\045\006\003\125\004\012\023\036\101  
\116\106\040\101\165\164\157\162\151\144\141\144\040\144\145\040  
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060  
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122  
\141\151\172\061\042\060\040\006\003\125\004\003\023\031\101\116  
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040  
\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\015\323\343\274\154\371\153\261

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\357\060\202\003\327\240\003\002\001\002\002\010\015  
\323\343\274\154\371\153\261\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\204\061\022\060\020\006\003\125  
\004\005\023\011\107\066\063\062\070\067\065\061\060\061\013\060  
\011\006\003\125\004\006\023\002\105\123\061\047\060\045\006\003  
\125\004\012\023\036\101\116\106\040\101\165\164\157\162\151\144  
\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141\143  
\151\157\156\061\024\060\022\006\003\125\004\013\023\013\101\116  
\106\040\103\101\040\122\141\151\172\061\042\060\040\006\003\125  
\004\003\023\031\101\116\106\040\123\145\143\165\162\145\040\123  
\145\162\166\145\162\040\122\157\157\164\040\103\101\060\036\027  
\015\061\071\060\071\060\064\061\060\060\060\063\070\132\027\015  
\063\071\060\070\063\060\061\060\060\060\063\070\132\060\201\204  
\061\022\060\020\006\003\125\004\005\023\011\107\066\063\062\070  
\067\065\061\060\061\013\060\011\006\003\125\004\006\023\002\105  
\123\061\047\060\045\006\003\125\004\012\023\036\101\116\106\040  
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\156\061\024\060\022\006\003  
\125\004\013\023\013\101\116\106\040\103\101\040\122\141\151\172  
\061\042\060\040\006\003\125\004\003\023\031\101\116\106\040\123  
\145\143\165\162\145\040\123\145\162\166\145\162\040\122\157\157  
\164\040\103\101\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\333\353\153\053\346\144\124\225\202\220\243  
\162\244\031\001\235\234\013\201\137\163\111\272\247\254\363\004  
\116\173\226\013\354\021\340\133\246\034\316\033\322\015\203\034  
\053\270\236\035\176\105\062\140\017\007\351\167\130\176\237\152  
\310\141\116\266\046\301\114\215\377\114\357\064\262\037\145\330  
\271\170\365\255\251\161\271\357\117\130\035\245\336\164\040\227  
\241\355\150\114\336\222\027\113\274\253\377\145\232\236\373\107

\331\127\162\363\011\241\256\166\104\023\156\234\055\104\071\274  
\371\307\073\244\130\075\101\275\264\302\111\243\310\015\322\227  
\057\007\145\122\000\247\156\310\257\150\354\364\024\226\266\127  
\037\126\303\071\237\053\155\344\363\076\366\065\144\332\014\034  
\241\204\113\057\113\113\342\054\044\235\155\223\100\353\265\043  
\216\062\312\157\105\323\250\211\173\036\317\036\372\133\103\213  
\315\315\250\017\152\312\014\136\271\236\107\217\360\331\266\012  
\013\130\145\027\063\271\043\344\167\031\175\313\112\056\222\173  
\117\057\020\167\261\215\057\150\234\142\314\340\120\370\354\221  
\247\124\114\127\011\325\166\143\305\350\145\036\356\155\152\317  
\011\235\372\174\117\255\140\010\375\126\231\017\025\054\173\251  
\200\253\214\141\217\112\007\166\102\336\075\364\335\262\044\063  
\133\270\265\243\104\311\254\177\167\074\035\043\354\202\251\246  
\342\310\006\114\002\376\254\134\231\231\013\057\020\212\246\364  
\177\325\207\164\015\131\111\105\366\360\161\134\071\051\326\277  
\112\043\213\365\137\001\143\322\207\163\050\265\113\012\365\370  
\253\202\054\176\163\045\062\035\013\143\012\027\201\000\377\266  
\166\136\347\264\261\100\312\041\273\325\200\121\345\110\122\147  
\054\322\141\211\007\015\017\316\102\167\300\104\163\234\104\120  
\240\333\020\012\055\225\034\201\257\344\034\345\024\036\361\066  
\101\001\002\057\175\163\247\336\102\314\114\351\211\015\126\367  
\237\221\324\003\306\154\311\217\333\330\034\340\100\230\135\146  
\231\230\200\156\055\377\001\305\316\313\106\037\254\002\306\103  
\346\256\242\204\074\305\116\036\075\155\311\024\114\343\056\101  
\273\312\071\277\066\074\052\031\252\101\207\116\245\316\113\062  
\171\335\220\111\177\002\003\001\000\001\243\143\060\141\060\037  
\006\003\125\035\043\004\030\060\026\200\024\234\137\320\154\143  
\243\137\223\312\223\230\010\255\214\207\245\054\134\301\067\060  
\035\006\003\125\035\016\004\026\004\024\234\137\320\154\143\243  
\137\223\312\223\230\010\255\214\207\245\054\134\301\067\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\002\001\000\116\036\271\212\306\240\230\077\156\303\151\300\152  
\134\111\122\254\313\053\135\170\070\301\325\124\204\237\223\360  
\207\031\075\054\146\211\353\015\102\374\314\360\165\205\077\213  
\364\200\135\171\345\027\147\275\065\202\342\362\074\216\175\133  
\066\313\132\200\000\051\362\316\053\054\361\217\252\155\005\223  
\154\162\307\126\353\337\120\043\050\345\105\020\075\350\147\243  
\257\016\125\017\220\011\142\357\113\131\242\366\123\361\300\065  
\344\057\301\044\275\171\057\116\040\042\073\375\032\040\260\244  
\016\054\160\355\164\077\270\023\225\006\121\310\350\207\046\312  
\244\133\152\026\041\222\335\163\140\236\020\030\336\074\201\352  
\350\030\303\174\211\362\213\120\076\275\021\342\025\003\250\066  
\175\063\001\154\110\025\327\210\220\231\004\305\314\346\007\364  
\274\364\220\355\023\342\352\213\303\217\243\063\017\301\051\114  
\023\116\332\025\126\161\163\162\202\120\366\232\063\174\242\261  
\250\032\064\164\145\134\316\321\353\253\123\340\032\200\330\352

```
\072\111\344\046\060\233\345\034\212\250\251\025\062\206\231\222
\012\020\043\126\022\340\366\316\114\342\273\276\333\215\222\163
\001\146\057\142\076\262\162\047\105\066\355\115\126\343\227\231
\377\072\065\076\245\124\112\122\131\113\140\333\356\376\170\021
\177\112\334\024\171\140\266\153\144\003\333\025\203\341\242\276
\366\043\227\120\360\011\063\066\247\161\226\045\363\271\102\175
\333\070\077\054\130\254\350\102\341\016\330\323\073\114\056\202
\351\203\056\153\061\331\335\107\206\117\155\227\221\056\117\342
\050\161\065\026\321\362\163\376\045\053\007\107\044\143\047\310
\370\366\331\153\374\022\061\126\010\300\123\102\257\234\320\063
\176\374\006\360\061\104\003\024\361\130\352\362\152\015\251\021
\262\203\276\305\032\277\007\352\131\334\243\210\065\357\234\166
\062\074\115\006\042\316\025\345\335\236\330\217\332\336\322\304
\071\345\027\201\317\070\107\353\177\210\155\131\033\337\237\102
\024\256\176\317\250\260\146\145\332\067\257\237\252\075\352\050
\266\336\325\061\130\026\202\133\352\273\031\165\002\163\032\312
\110\032\041\223\220\012\216\223\204\247\175\073\043\030\222\211
\240\215\254
```

END

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

```
# Trust for "ANF Secure Server Root CA"
```

```
# Issuer: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
```

```
# Serial Number:0d:d3:e3:bc:6c:f9:6b:b1
```

```
# Subject: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
```

```
# Not Valid Before: Wed Sep 04 10:00:38 2019
```

```
# Not Valid After : Tue Aug 30 10:00:38 2039
```

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

```
FB:8F:EC:75:91:69:B9:10:6B:1E:51:16:44:C6:18:C5:13:04:37:3F:6C:06:43:08:8D:8B:EF:FD:1B:99:75:99
```

```
# Fingerprint (SHA1): 5B:6E:68:D0:CC:15:B6:A0:5F:1E:C1:5F:AE:02:FC:6B:2F:5D:6F:74
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ANF Secure Server Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\133\156\150\320\314\025\266\240\137\036\301\137\256\002\374\153
\057\135\157\164
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\046\246\104\132\331\257\116\057\262\035\266\145\260\116\350\226
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066
```

```
\063\062\070\067\065\061\060\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\047\060\045\006\003\125\004\012\023\036\101
\116\106\040\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122
\141\151\172\061\042\060\040\006\003\125\004\003\023\031\101\116
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040
\122\157\157\164\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\010\015\323\343\274\154\371\153\261
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Certum EC-384 CA"

#

# Issuer: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

# Serial Number:78:8f:27:5c:81:12:52:20:a5:04:d0:2d:dd:ba:73:f4

# Subject: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

# Not Valid Before: Mon Mar 26 07:24:54 2018

# Not Valid After : Thu Mar 26 07:24:54 2043

# Fingerprint (SHA-256):

6B:32:80:85:62:53:18:AA:50:D1:73:C9:8D:8B:DA:09:D5:7E:27:41:3D:11:4C:F7:87:A0:F5:D0:6C:03:0C:F6

# Fingerprint (SHA1): F3:3E:78:3C:AC:DF:F4:A2:CC:AC:67:55:69:56:D7:E5:16:3C:E1:ED

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certum EC-384 CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055
\063\070\064\040\103\101
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
```

\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056  
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162  
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006  
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055  
\063\070\064\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\170\217\047\134\201\022\122\040\245\004\320\055\335\272  
\163\364

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\145\060\202\001\353\240\003\002\001\002\002\020\170  
\217\047\134\201\022\122\040\245\004\320\055\335\272\163\364\060  
\012\006\010\052\206\110\316\075\004\003\003\060\164\061\013\060  
\011\006\003\125\004\006\023\002\120\114\061\041\060\037\006\003  
\125\004\012\023\030\101\163\163\145\143\157\040\104\141\164\141  
\040\123\171\163\164\145\155\163\040\123\056\101\056\061\047\060  
\045\006\003\125\004\013\023\036\103\145\162\164\165\155\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\061\031\060\027\006\003\125\004\003\023  
\020\103\145\162\164\165\155\040\105\103\055\063\070\064\040\103  
\101\060\036\027\015\061\070\060\063\062\066\060\067\062\064\065  
\064\132\027\015\064\063\060\063\062\066\060\067\062\064\065\064  
\132\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143  
\157\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123  
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145  
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027  
\006\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103  
\055\063\070\064\040\103\101\060\166\060\020\006\007\052\206\110  
\316\075\002\001\006\005\053\201\004\000\042\003\142\000\004\304  
\050\216\253\030\133\152\276\156\144\067\143\344\315\354\253\072  
\367\314\241\270\016\202\111\327\206\051\237\241\224\362\343\140  
\170\230\201\170\006\115\362\354\232\016\127\140\203\237\264\346  
\027\057\032\263\135\002\133\211\043\074\302\021\005\052\247\210  
\023\030\363\120\204\327\275\064\054\047\211\125\377\316\114\347  
\337\246\037\050\304\360\124\303\271\174\267\123\255\353\302\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\215  
\006\146\164\044\166\072\363\211\367\274\326\275\107\175\057\274  
\020\137\113\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\012\006\010\052\206\110\316\075\004\003\003\003  
\150\000\060\145\002\060\003\125\055\246\346\030\304\174\357\311  
\120\156\301\047\017\234\207\257\156\325\033\010\030\275\222\051  
\301\357\224\221\170\322\072\034\125\211\142\345\033\011\036\272  
\144\153\361\166\264\324\002\061\000\264\102\204\231\377\253\347

```
\236\373\221\227\047\135\334\260\133\060\161\316\136\070\032\152
\331\045\347\352\367\141\222\126\370\352\332\066\302\207\145\226
\056\162\045\057\177\337\303\023\311
```

END

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

# Trust for "Certum EC-384 CA"

# Issuer: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

# Serial Number:78:8f:27:5c:81:12:52:20:a5:04:d0:2d:dd:ba:73:f4

# Subject: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

# Not Valid Before: Mon Mar 26 07:24:54 2018

# Not Valid After : Thu Mar 26 07:24:54 2043

# Fingerprint (SHA-256):

6B:32:80:85:62:53:18:AA:50:D1:73:C9:8D:8B:DA:09:D5:7E:27:41:3D:11:4C:F7:87:A0:F5:D0:6C:03:0C:F6

# Fingerprint (SHA1): F3:3E:78:3C:AC:DF:F4:A2:CC:AC:67:55:69:56:D7:E5:16:3C:E1:ED

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certum EC-384 CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\363\076\170\074\254\337\364\242\314\254\147\125\151\126\327\345
\026\074\341\355
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\266\145\263\226\140\227\022\241\354\116\341\075\243\306\311\361
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055
\063\070\064\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\170\217\047\134\201\022\122\040\245\004\320\055\335\272
\163\364
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```

#
# Certificate "Certum Trusted Root CA"
#
# Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Serial Number: 1e:bf:59:50:b8:c9:80:37:4c:06:f7:eb:55:4f:b5:ed
# Subject: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Not Valid Before: Fri Mar 16 12:10:13 2018
# Not Valid After : Mon Mar 16 12:10:13 2043
# Fingerprint (SHA-256):
FE:76:96:57:38:55:77:3E:37:A9:5E:7A:D4:D9:CC:96:C3:01:57:C1:5D:31:76:5B:A9:B1:57:04:E1:AE:78:FD
# Fingerprint (SHA1): C8:83:44:C0:18:AE:9F:CC:F1:87:B7:8F:22:D1:C5:D7:45:84:BA:E5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\172\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\172\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\036\277\131\120\270\311\200\067\114\006\367\353\125\117
\265\355
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\300\060\202\003\250\240\003\002\001\002\002\020\036
\277\131\120\270\311\200\067\114\006\367\353\125\117\265\355\060
\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060\172
\061\013\060\011\006\003\125\004\006\023\002\120\114\061\041\060
\037\006\003\125\004\012\023\030\101\163\163\145\143\157\040\104

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\141\164\141\040\123\171\163\164\145\155\163\040\123\056\101\056  
\061\047\060\045\006\003\125\004\013\023\036\103\145\162\164\165  
\155\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\061\037\060\035\006\003\125  
\004\003\023\026\103\145\162\164\165\155\040\124\162\165\163\164  
\145\144\040\122\157\157\164\040\103\101\060\036\027\015\061\070  
\060\063\061\066\061\062\061\060\061\063\132\027\015\064\063\060  
\063\061\066\061\062\061\060\061\063\132\060\172\061\013\060\011  
\006\003\125\004\006\023\002\120\114\061\041\060\037\006\003\125  
\004\012\023\030\101\163\163\145\143\157\040\104\141\164\141\040  
\123\171\163\164\145\155\163\040\123\056\101\056\061\047\060\045  
\006\003\125\004\013\023\036\103\145\162\164\165\155\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171\061\037\060\035\006\003\125\004\003\023\026  
\103\145\162\164\165\155\040\124\162\165\163\164\145\144\040\122  
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\321\055\216\273\267\066\352\155\067  
\221\237\116\223\247\005\344\051\003\045\316\034\202\367\174\231  
\237\101\006\315\355\243\272\300\333\011\054\301\174\337\051\176  
\113\145\057\223\247\324\001\153\003\050\030\243\330\235\005\301  
\052\330\105\361\221\336\337\073\320\200\002\214\317\070\017\352  
\247\134\170\021\244\301\310\205\134\045\323\323\262\347\045\317  
\021\124\227\253\065\300\036\166\034\357\000\123\237\071\334\024  
\245\054\042\045\263\162\162\374\215\263\345\076\010\036\024\052  
\067\013\210\074\312\260\364\310\302\241\256\274\301\276\051\147  
\125\342\374\255\131\134\376\275\127\054\260\220\215\302\355\067  
\266\174\231\210\265\325\003\232\075\025\015\075\072\250\250\105  
\360\225\116\045\131\035\315\230\151\273\323\314\062\311\215\357  
\201\376\255\175\211\273\272\140\023\312\145\225\147\240\363\031  
\366\003\126\324\152\323\047\342\241\255\203\360\112\022\042\167  
\034\005\163\342\031\161\102\300\354\165\106\232\220\130\340\152  
\216\053\245\106\060\004\216\031\262\027\343\276\251\272\177\126  
\361\044\003\327\262\041\050\166\016\066\060\114\171\325\101\232  
\232\250\270\065\272\014\072\362\104\033\040\210\367\305\045\327  
\075\306\343\076\103\335\207\376\304\352\365\123\076\114\145\377  
\073\112\313\170\132\153\027\137\015\307\303\117\116\232\052\242  
\355\127\115\042\342\106\232\077\017\221\064\044\175\125\343\214  
\225\067\323\032\360\011\053\054\322\311\215\264\015\000\253\147  
\051\050\330\001\365\031\004\266\035\276\166\376\162\134\304\205  
\312\322\200\101\337\005\250\243\325\204\220\117\013\363\340\077  
\233\031\322\067\211\077\362\173\122\034\214\366\341\367\074\007  
\227\214\016\242\131\201\014\262\220\075\323\343\131\106\355\017  
\251\247\336\200\153\132\252\007\266\031\313\274\127\363\227\041  
\172\014\261\053\164\076\353\332\247\147\055\114\304\230\236\066  
\011\166\146\146\374\032\077\352\110\124\034\276\060\275\200\120  
\277\174\265\316\000\366\014\141\331\347\044\003\340\343\001\201  
\016\275\330\205\064\210\275\262\066\250\173\134\010\345\104\200

\214\157\370\057\325\041\312\035\034\320\373\304\265\207\321\072  
\116\307\166\265\065\110\265\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\214\373\034\165  
\274\002\323\237\116\056\110\331\371\140\124\252\304\263\117\372  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\015\006\011\052\206\110\206\367\015\001\001\015\005\000\003  
\202\002\001\000\110\242\325\000\013\056\320\077\274\034\325\265  
\124\111\036\132\153\364\344\362\340\100\067\340\314\024\173\271  
\311\372\065\265\165\027\223\152\005\151\205\234\315\117\031\170  
\133\031\201\363\143\076\303\316\133\217\365\057\136\001\166\023  
\077\054\000\271\315\226\122\071\111\155\004\116\305\351\017\206  
\015\341\372\263\137\202\022\361\072\316\146\006\044\064\053\350  
\314\312\347\151\334\207\235\302\064\327\171\321\323\167\270\252  
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\072\342\371\215\271\343\063\170\301\220\330\270\335\267\203\121  
\344\304\314\043\325\006\174\346\121\323\315\064\061\300\366\106  
\273\013\255\374\075\020\005\052\073\112\221\045\356\214\324\204  
\207\200\052\274\011\214\252\072\023\137\350\064\171\120\301\020  
\031\371\323\050\036\324\321\121\060\051\263\256\220\147\326\037  
\012\143\261\305\251\306\102\061\143\027\224\357\151\313\057\372  
\214\024\175\304\103\030\211\331\360\062\100\346\200\342\106\137  
\345\343\301\000\131\250\371\350\040\274\211\054\016\107\064\013  
\352\127\302\123\066\374\247\324\257\061\315\376\002\345\165\372  
\271\047\011\371\363\365\073\312\175\237\251\042\313\210\311\252  
\321\107\075\066\167\250\131\144\153\047\317\357\047\301\343\044  
\265\206\367\256\176\062\115\260\171\150\321\071\350\220\130\303  
\203\274\017\054\326\227\353\316\014\341\040\307\332\267\076\303  
\077\277\057\334\064\244\373\053\041\315\147\217\113\364\343\352  
\324\077\347\117\272\271\245\223\105\034\146\037\041\372\144\136  
\157\340\166\224\062\313\165\365\156\345\366\217\307\270\244\314  
\250\226\175\144\373\044\132\112\003\154\153\070\306\350\003\103  
\232\367\127\271\263\051\151\223\070\364\003\362\273\373\202\153  
\007\040\321\122\037\232\144\002\173\230\146\333\134\115\132\017  
\320\204\225\240\074\024\103\006\312\312\333\270\101\066\332\152  
\104\147\207\257\257\343\105\021\025\151\010\262\276\026\071\227  
\044\157\022\105\321\147\135\011\250\311\025\332\372\322\246\137  
\023\141\037\277\205\254\264\255\255\005\224\010\203\036\165\027  
\323\161\073\223\120\043\131\240\355\074\221\124\235\166\000\305  
\303\270\070\333

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Certum Trusted Root CA"

# Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

# Serial Number: 1e:bf:59:50:b8:c9:80:37:4c:06:f7:eb:55:4f:b5:ed

```
# Subject: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Not Valid Before: Fri Mar 16 12:10:13 2018
# Not Valid After : Mon Mar 16 12:10:13 2043
# Fingerprint (SHA-256):
FE:76:96:57:38:55:77:3E:37:A9:5E:7A:D4:D9:CC:96:C3:01:57:C1:5D:31:76:5B:A9:B1:57:04:E1:AE:78:FD
# Fingerprint (SHA1): C8:83:44:C0:18:AE:9F:CC:F1:87:B7:8F:22:D1:C5:D7:45:84:BA:E5
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\310\203\104\300\030\256\237\314\361\207\267\217\042\321\305\327
\105\204\272\345
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\121\341\302\347\376\114\204\257\131\016\057\364\124\157\352\051
END
CKA_ISSUER MULTILINE_OCTAL
\060\172\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\036\277\131\120\270\311\200\067\114\006\367\353\125\117
\265\355
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TunTrust Root CA"
#
# Issuer: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
# Serial Number: 13:02:d5:e2:40:4c:92:46:86:16:67:5d:b4:bb:bb:b2:6b:3e:fc:13
# Subject: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
# Not Valid Before: Fri Apr 26 08:57:56 2019
# Not Valid After : Tue Apr 26 08:57:56 2044
# Fingerprint (SHA-256):
2E:44:10:2A:B5:8C:B8:54:19:45:1C:8E:19:D9:AC:F3:66:2C:AF:BC:61:4B:6A:53:96:0A:30:F7:D0:E2:EB:41
# Fingerprint (SHA1): CF:E9:70:84:0F:E0:73:0F:9D:F6:0C:7F:2C:4B:EE:20:46:34:9C:BB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TunTrust Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\067\060\065\006\003\125\004\012\014\056\101\147\145\156\143\145
\040\116\141\164\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143
\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004
\003\014\020\124\165\156\124\162\165\163\164\040\122\157\157\164
\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\067\060\065\006\003\125\004\012\014\056\101\147\145\156\143\145
\040\116\141\164\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143
\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004
\003\014\020\124\165\156\124\162\165\163\164\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\023\002\325\342\100\114\222\106\206\026\147\135\264\273
\273\262\153\076\374\023
END
CKA_VALUE MULTILINE_OCTAL
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\002\325\342\100\114\222\106\206\026\147\135\264\273\273\262\153
\076\374\023\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\141\061\013\060\011\006\003\125\004\006\023\002\124
\116\061\067\060\065\006\003\125\004\012\014\056\101\147\145\156
\143\145\040\116\141\164\151\157\156\141\154\145\040\144\145\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\105\154
\145\143\164\162\157\156\151\161\165\145\061\031\060\027\006\003
\125\004\003\014\020\124\165\156\124\162\165\163\164\040\122\157
\157\164\040\103\101\060\036\027\015\061\071\060\064\062\066\060
\070\065\067\065\066\132\027\015\064\064\060\064\062\066\060\070
\065\067\065\066\132\060\141\061\013\060\011\006\003\125\004\006
\023\002\124\116\061\067\060\065\006\003\125\004\012\014\056\101
\147\145\156\143\145\040\116\141\164\151\157\156\141\154\145\040
\144\145\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\105\154\145\143\164\162\157\156\151\161\165\145\061\031\060
\027\006\003\125\004\003\014\020\124\165\156\124\162\165\163\164
\040\122\157\157\164\040\103\101\060\202\002\042\060\015\006\011
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\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\303\315\323\374\275\004\123  
\335\014\040\072\325\210\056\005\113\101\365\203\202\176\367\131  
\237\236\236\143\350\163\332\366\006\251\117\037\264\371\013\037  
\071\214\232\040\320\176\006\324\354\064\331\206\274\165\133\207  
\210\360\322\331\324\243\012\262\154\033\353\111\054\076\254\135  
\330\224\003\240\354\064\345\060\304\065\175\373\046\115\033\156  
\060\124\330\365\200\105\234\071\255\234\311\045\004\115\232\220  
\076\116\100\156\212\153\315\051\147\306\314\055\340\164\350\005  
\127\012\110\120\372\172\103\332\176\354\133\232\016\142\166\376  
\352\235\035\205\162\354\021\273\065\350\037\047\277\301\241\307  
\273\110\026\335\126\327\314\116\240\341\271\254\333\325\203\031  
\032\205\321\224\227\327\312\243\145\013\363\070\371\002\256\335  
\366\147\317\311\077\365\212\054\107\032\231\157\005\015\375\320  
\035\202\061\374\051\314\000\130\227\221\114\200\000\034\063\205  
\226\057\313\101\302\213\020\204\303\011\044\211\037\265\017\331  
\331\167\107\030\222\224\140\134\307\231\003\074\376\367\225\247  
\175\120\241\200\302\251\203\255\130\226\125\041\333\206\131\324  
\257\306\274\335\201\156\007\333\140\142\376\354\020\156\332\150  
\001\364\203\033\251\076\242\133\043\327\144\306\337\334\242\175  
\330\113\272\202\322\121\370\146\277\006\106\344\171\052\046\066  
\171\217\037\116\231\035\262\217\014\016\034\377\311\135\300\375  
\220\020\246\261\067\363\315\072\044\156\264\205\220\277\200\271  
\014\214\325\233\326\310\361\126\077\032\200\211\172\251\342\033  
\062\121\054\076\362\337\173\366\135\172\051\031\216\345\310\275  
\066\161\213\135\114\302\035\077\255\130\242\317\075\160\115\246  
\120\230\045\334\043\371\270\130\101\010\161\277\117\270\204\240  
\217\000\124\025\374\221\155\130\247\226\073\353\113\226\047\315  
\153\242\241\206\254\015\174\124\346\146\114\146\137\220\276\041  
\232\002\106\055\344\203\302\200\271\317\113\076\350\177\074\001  
\354\217\136\315\177\322\050\102\001\225\212\342\227\075\020\041  
\175\366\235\034\305\064\241\354\054\016\012\122\054\022\125\160  
\044\075\313\302\024\065\103\135\047\116\276\300\275\252\174\226  
\347\374\236\141\255\104\323\000\227\002\003\001\000\001\243\143  
\060\141\060\035\006\003\125\035\016\004\026\004\024\006\232\233  
\037\123\175\361\365\244\310\323\206\076\241\163\131\264\367\104  
\041\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\037\006\003\125\035\043\004\030\060\026\200\024\006  
\232\233\037\123\175\361\365\244\310\323\206\076\241\163\131\264  
\367\104\041\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\002\001\000\252\005\156\266\335\025\311\277\263  
\306\040\366\006\107\260\206\223\045\323\215\271\310\000\077\227  
\365\122\047\210\161\311\164\375\353\312\144\333\133\357\036\135  
\272\277\321\353\356\134\151\272\026\310\363\271\217\323\066\056  
\100\111\007\015\131\336\213\020\260\111\005\342\377\221\077\113  
\267\335\002\216\370\201\050\134\314\334\155\257\137\024\234\175  
\130\170\015\366\200\011\271\351\016\227\051\031\270\267\353\370

\026\313\125\022\344\306\175\273\304\354\370\265\034\116\076\147  
\277\305\137\033\155\155\107\050\252\004\130\141\326\166\277\042  
\177\320\007\152\247\144\123\360\227\215\235\200\077\273\301\007  
\333\145\257\346\233\062\232\303\124\223\304\034\010\303\104\373  
\173\143\021\103\321\152\032\141\152\171\155\220\117\051\216\107  
\005\301\022\151\151\326\306\066\061\341\374\372\200\272\134\117  
\304\353\267\062\254\370\165\141\027\327\020\031\271\361\322\011  
\357\172\102\235\133\132\013\324\306\225\116\052\316\377\007\327  
\117\176\030\006\210\361\031\265\331\230\273\256\161\304\034\347  
\164\131\130\357\014\211\317\213\037\165\223\032\004\024\222\110  
\120\251\353\127\051\000\026\343\066\034\310\370\277\360\063\325  
\101\017\304\314\074\335\351\063\103\001\221\020\053\036\321\271  
\135\315\062\031\213\217\214\040\167\327\042\304\102\334\204\026  
\233\045\155\350\264\125\161\177\260\174\263\323\161\111\271\317  
\122\244\004\077\334\075\240\273\257\063\236\012\060\140\216\333  
\235\135\224\250\275\140\347\142\200\166\201\203\014\214\314\060  
\106\111\342\014\322\250\257\353\141\161\357\347\042\142\251\367  
\134\144\154\237\026\214\147\066\047\105\365\011\173\277\366\020  
\012\361\260\215\124\103\214\004\272\243\077\357\342\065\307\371  
\164\340\157\064\101\320\277\163\145\127\040\371\233\147\172\146  
\150\044\116\200\145\275\020\231\006\131\362\145\257\270\306\107  
\273\375\220\170\213\101\163\056\257\125\037\334\073\222\162\156  
\204\323\320\141\114\015\314\166\127\342\055\205\042\025\066\015  
\353\001\235\353\330\353\304\204\231\373\300\014\314\062\350\343  
\167\332\203\104\213\236\125\050\300\213\130\323\220\076\116\033  
\000\361\025\255\203\053\232

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TunTrust Root CA"

# Issuer: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN

# Serial Number: 13:02:d5:e2:40:4c:92:46:86:16:67:5d:b4:bb:bb:b2:6b:3e:fc:13

# Subject: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN

# Not Valid Before: Fri Apr 26 08:57:56 2019

# Not Valid After : Tue Apr 26 08:57:56 2044

# Fingerprint (SHA-256):

2E:44:10:2A:B5:8C:B8:54:19:45:1C:8E:19:D9:AC:F3:66:2C:AF:BC:61:4B:6A:53:96:0A:30:F7:D0:E2:EB:41

# Fingerprint (SHA1): CF:E9:70:84:0F:E0:73:0F:9D:F6:0C:7F:2C:4B:EE:20:46:34:9C:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TunTrust Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\317\351\160\204\017\340\163\017\235\366\014\177\054\113\356\040

\106\064\234\273

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\205\023\271\220\133\066\134\266\136\270\132\370\340\061\127\264
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\067\060\065\006\003\125\004\012\014\056\101\147\145\156\143\145
\040\116\141\164\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143
\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004
\003\014\020\124\165\156\124\162\165\163\164\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\023\002\325\342\100\114\222\106\206\026\147\135\264\273
\273\262\153\076\374\023
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HARICA TLS RSA Root CA 2021"
#
# Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:39:ca:93:1c:ef:43:f3:c6:8e:93:c7:f4:64:89:38:7e
# Subject: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 10:55:38 2021
# Not Valid After : Mon Feb 13 10:55:37 2045
# Fingerprint (SHA-256):
D9:5D:0E:8E:DA:79:52:5B:F9:BE:B1:1B:14:D2:10:0D:32:94:98:5F:0C:62:D9:FA:BD:9C:D9:99:EC:CB:7B:1D
# Fingerprint (SHA1): 02:2D:05:82:FA:88:CE:14:0C:06:79:DE:7F:14:10:E9:45:D7:A5:6D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS RSA Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123
\101\040\122\157\157\164\040\103\101\040\062\060\062\061
END

```

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061  
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156  
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040  
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165  
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004  
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123  
\101\040\122\157\157\164\040\103\101\040\062\060\062\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\071\312\223\034\357\103\363\306\216\223\307\364\144\211  
\070\176

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\244\060\202\003\214\240\003\002\001\002\002\020\071  
\312\223\034\357\103\363\306\216\223\307\364\144\211\070\176\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\154  
\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067\060  
\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151\143  
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145  
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151  
\157\156\163\040\103\101\061\044\060\042\006\003\125\004\003\014  
\033\110\101\122\111\103\101\040\124\114\123\040\122\123\101\040  
\122\157\157\164\040\103\101\040\062\060\062\061\060\036\027\015  
\062\061\060\062\061\071\061\060\065\065\063\070\132\027\015\064  
\065\060\062\061\063\061\060\065\065\063\067\132\060\154\061\013  
\060\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006  
\003\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101  
\143\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145  
\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156  
\163\040\103\101\061\044\060\042\006\003\125\004\003\014\033\110  
\101\122\111\103\101\040\124\114\123\040\122\123\101\040\122\157  
\157\164\040\103\101\040\062\060\062\061\060\202\002\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002  
\017\000\060\202\002\012\002\202\002\001\000\213\302\347\257\145  
\233\005\147\226\311\015\044\271\320\016\144\374\316\342\044\030  
\054\204\177\167\121\313\004\021\066\270\136\355\151\161\247\236  
\344\045\011\227\147\301\107\302\317\221\026\066\142\075\070\004  
\341\121\202\377\254\322\264\151\335\056\354\021\243\105\356\153  
\153\073\114\277\214\215\244\036\235\021\271\351\070\371\172\016  
\014\230\342\043\035\321\116\143\324\347\270\101\104\373\153\257  
\153\332\037\323\305\221\210\133\244\211\222\321\201\346\214\071  
\130\240\326\151\103\251\255\230\122\130\156\333\012\373\153\317  
\150\372\343\244\136\072\105\163\230\007\352\137\002\162\336\014  
\245\263\237\256\251\035\267\035\263\374\212\131\347\156\162\145  
\255\365\060\224\043\007\363\202\026\113\065\230\234\123\273\057  
\312\344\132\331\307\215\035\374\230\231\373\054\244\202\153\360

\052\037\216\013\137\161\134\134\256\102\173\051\211\201\313\003  
\243\231\312\210\236\013\100\011\101\063\333\346\130\172\375\256  
\231\160\300\132\017\326\023\206\161\057\166\151\374\220\335\333  
\055\156\321\362\233\365\032\153\236\157\025\214\172\360\113\050  
\240\042\070\200\044\154\066\244\073\362\060\221\363\170\023\317  
\301\077\065\253\361\035\021\043\265\103\042\236\001\222\267\030  
\002\345\021\321\202\333\025\000\314\141\067\301\052\174\232\341  
\320\272\263\120\106\356\202\254\235\061\370\373\043\342\003\000  
\110\160\243\011\046\171\025\123\140\363\070\134\255\070\352\201  
\000\143\024\271\063\136\335\013\333\240\105\007\032\063\011\370  
\115\264\247\002\246\151\364\302\131\005\210\145\205\126\256\113  
\313\340\336\074\175\055\032\310\351\373\037\243\141\112\326\052  
\023\255\167\114\032\030\233\221\017\130\330\006\124\305\227\370  
\252\077\040\212\246\205\246\167\366\246\374\034\342\356\156\224  
\063\052\203\120\204\012\345\117\206\370\120\105\170\000\201\353  
\133\150\343\046\215\314\173\134\121\364\024\054\100\276\032\140  
\035\172\162\141\035\037\143\055\210\252\316\242\105\220\010\374  
\153\276\263\120\052\132\375\250\110\030\106\326\220\100\222\220  
\012\204\136\150\061\370\353\355\015\323\035\306\175\231\030\125  
\126\047\145\056\215\105\305\044\354\316\343\002\003\001\000\001  
\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\012\110\043\246\140\244\222\012\063\352\223\133\305\127\352\045  
\115\275\022\356\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\206\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\002\001\000\076\220\110\252\156\142\025\045  
\146\173\014\325\214\213\211\235\327\355\116\007\357\234\320\024  
\137\136\120\275\150\226\220\244\024\021\252\150\155\011\065\071  
\100\011\332\364\011\054\064\245\173\131\204\111\051\227\164\310  
\007\036\107\155\362\316\034\120\046\343\236\075\100\123\077\367  
\177\226\166\020\305\106\245\320\040\113\120\364\065\073\030\364  
\125\152\101\033\107\006\150\074\273\011\010\142\331\137\125\102  
\252\254\123\205\254\225\126\066\126\253\344\005\214\305\250\332  
\037\243\151\275\123\017\304\377\334\312\343\176\362\114\210\206  
\107\106\032\363\000\365\200\221\242\334\103\102\224\233\040\360  
\321\315\262\353\054\123\302\123\170\112\117\004\224\101\232\217  
\047\062\301\345\111\031\277\361\362\302\213\250\012\071\061\050  
\264\175\142\066\054\115\354\037\063\266\176\167\155\176\120\360  
\237\016\327\021\217\317\030\305\343\047\376\046\357\005\235\317  
\317\067\305\320\173\332\073\260\026\204\014\072\223\326\276\027  
\333\017\076\016\031\170\011\307\251\002\162\042\113\367\067\166  
\272\165\304\205\003\132\143\325\261\165\005\302\271\275\224\255  
\214\025\231\247\223\175\366\305\363\252\164\317\004\205\224\230  
\000\364\342\371\312\044\145\277\340\142\257\310\305\372\262\311  
\236\126\110\332\171\375\226\166\025\276\243\216\126\304\263\064  
\374\276\107\364\301\264\250\374\325\060\210\150\356\313\256\311  
\143\304\166\276\254\070\030\341\136\134\317\256\072\042\121\353  
\321\213\263\363\053\063\007\124\207\372\264\262\023\173\272\123

```
\004\142\001\235\361\300\117\356\341\072\324\213\040\020\372\002
\127\346\357\301\013\267\220\106\234\031\051\214\334\157\240\112
\151\151\224\267\044\145\240\377\254\077\316\001\373\041\056\375
\150\370\233\362\245\317\061\070\134\025\252\346\227\000\301\337
\132\245\247\071\252\351\204\177\074\121\250\072\331\224\133\214
\277\117\010\161\345\333\250\134\324\322\246\376\000\243\306\026
\307\017\350\200\316\034\050\144\164\031\010\323\102\343\316\000
\135\177\261\334\023\260\341\005\313\321\040\252\206\164\236\071
\347\221\375\377\133\326\367\255\246\057\003\013\155\343\127\124
\353\166\123\030\215\021\230\272
```

END

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

```
# Trust for "HARICA TLS RSA Root CA 2021"
```

```
# Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
```

```
# Serial Number:39:ca:93:1c:ef:43:f3:c6:8e:93:c7:f4:64:89:38:7e
```

```
# Subject: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
```

```
# Not Valid Before: Fri Feb 19 10:55:38 2021
```

```
# Not Valid After : Mon Feb 13 10:55:37 2045
```

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

```
D9:5D:0E:8E:DA:79:52:5B:F9:BE:B1:1B:14:D2:10:0D:32:94:98:5F:0C:62:D9:FA:BD:9C:D9:99:EC:CB:7B:1D
```

```
# Fingerprint (SHA1): 02:2D:05:82:FA:88:CE:14:0C:06:79:DE:7F:14:10:E9:45:D7:A5:6D
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "HARICA TLS RSA Root CA 2021"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\002\055\005\202\372\210\316\024\014\006\171\336\177\024\020\351
\105\327\245\155
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\145\107\233\130\206\335\054\360\374\242\204\037\036\226\304\221
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123
\101\040\122\157\157\164\040\103\101\040\062\060\062\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\071\312\223\034\357\103\363\306\216\223\307\364\144\211
\070\176
```

```

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

#
# Certificate "HARICA TLS ECC Root CA 2021"
#
# Issuer: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:67:74:9d:8d:77:d8:3b:6a:db:22:f4:ff:59:e2:bf:ce
# Subject: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:01:10 2021
# Not Valid After : Mon Feb 13 11:01:09 2045
# Fingerprint (SHA-256):
3F:99:CC:47:4A:CF:CE:4D:FE:D5:87:94:66:5E:47:8D:15:47:73:9F:2E:78:0F:1B:B4:CA:9B:13:30:97:D4:01
# Fingerprint (SHA1): BC:B0:C1:9D:E9:98:92:70:19:38:57:E9:8D:A7:B4:5D:6E:EE:01:48
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS ECC Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\105\103
\103\040\122\157\157\164\040\103\101\040\062\060\062\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\105\103
\103\040\122\157\157\164\040\103\101\040\062\060\062\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\147\164\235\215\167\330\073\152\333\042\364\377\131\342
\277\316
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\124\060\202\001\333\240\003\002\001\002\002\020\147

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\164\235\215\167\330\073\152\333\042\364\377\131\342\277\316\060  
\012\006\010\052\206\110\316\075\004\003\003\060\154\061\013\060  
\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006\003  
\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101\143  
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141  
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163  
\040\103\101\061\044\060\042\006\003\125\004\003\014\033\110\101  
\122\111\103\101\040\124\114\123\040\105\103\103\040\122\157\157  
\164\040\103\101\040\062\060\062\061\060\036\027\015\062\061\060  
\062\061\071\061\061\060\061\061\060\132\027\015\064\065\060\062  
\061\063\061\061\060\061\060\071\132\060\154\061\013\060\011\006  
\003\125\004\006\023\002\107\122\061\067\060\065\006\003\125\004  
\012\014\056\110\145\154\154\145\156\151\143\040\101\143\141\144  
\145\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143  
\150\040\111\156\163\164\151\164\165\164\151\157\156\163\040\103  
\101\061\044\060\042\006\003\125\004\003\014\033\110\101\122\111  
\103\101\040\124\114\123\040\105\103\103\040\122\157\157\164\040  
\103\101\040\062\060\062\061\060\166\060\020\006\007\052\206\110  
\316\075\002\001\006\005\053\201\004\000\042\003\142\000\004\070  
\010\376\261\240\226\322\172\254\257\111\072\320\300\340\303\073  
\050\252\361\162\155\145\000\107\210\204\374\232\046\153\252\113  
\272\154\004\012\210\136\027\362\125\207\374\060\260\064\342\064  
\130\127\032\204\123\351\060\331\251\362\226\164\303\121\037\130  
\111\061\314\230\116\140\021\207\165\323\162\224\220\117\233\020  
\045\052\250\170\055\276\220\101\130\220\025\162\247\241\267\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\311  
\033\123\201\022\376\004\325\026\321\252\274\232\157\267\240\225  
\031\156\312\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\206\060\012\006\010\052\206\110\316\075\004\003\003\003  
\147\000\060\144\002\060\021\336\256\370\334\116\210\260\251\360  
\042\255\302\121\100\357\140\161\055\356\217\002\304\135\003\160  
\111\244\222\352\305\024\210\160\246\323\015\260\252\312\054\100  
\234\373\351\202\156\232\002\060\053\107\232\007\306\321\302\201  
\174\312\013\226\030\101\033\243\364\060\011\236\265\043\050\015  
\237\024\266\074\123\242\114\006\151\175\372\154\221\306\052\111  
\105\346\354\267\023\341\072\154

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "HARICA TLS ECC Root CA 2021"

# Issuer: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

# Serial Number:67:74:9d:8d:77:d8:3b:6a:db:22:f4:ff:59:e2:bf:ce

# Subject: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

# Not Valid Before: Fri Feb 19 11:01:10 2021

# Not Valid After : Mon Feb 13 11:01:09 2045

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# Fingerprint (SHA-256):
3F:99:CC:47:4A:CF:CE:4D:FE:D5:87:94:66:5E:47:8D:15:47:73:9F:2E:78:0F:1B:B4:CA:9B:13:30:97:D4:01
# Fingerprint (SHA1): BC:B0:C1:9D:E9:98:92:70:19:38:57:E9:8D:A7:B4:5D:6E:EE:01:48
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS ECC Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\274\260\301\235\351\230\222\160\031\070\127\351\215\247\264\135
\156\356\001\110
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\256\367\114\345\146\065\321\267\233\214\042\223\164\323\113\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\105\103
\103\040\122\157\157\164\040\103\101\040\062\060\062\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\147\164\235\215\167\330\073\152\333\042\364\377\131\342
\277\316
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HARICA Client RSA Root CA 2021"
#
# Issuer: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:55:52:f8:1e:db:1b:24:2c:9e:bb:96:18:cd:02:28:3e
# Subject: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 10:58:46 2021
# Not Valid After : Mon Feb 13 10:58:45 2045
# Fingerprint (SHA-256):
1B:E7:AB:E3:06:86:B1:63:48:AF:D1:C6:1B:68:66:A0:EA:7F:48:21:E6:7D:5E:8A:F9:37:CF:80:11:BC:75:0D
# Fingerprint (SHA1): 46:C6:90:0A:77:3A:B6:BC:F4:65:AD:AC:FC:E3:F7:07:00:6E:DE:6E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

```
CKA_LABEL UTF8 "HARICA Client RSA Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\125\122\370\036\333\033\044\054\236\273\226\030\315\002
\050\076
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\252\060\202\003\222\240\003\002\001\002\002\020\125
\122\370\036\333\033\044\054\236\273\226\030\315\002\050\076\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\157
\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067\060
\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151\143
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151
\157\156\163\040\103\101\061\047\060\045\006\003\125\004\003\014
\036\110\101\122\111\103\101\040\103\154\151\145\156\164\040\122
\123\101\040\122\157\157\164\040\103\101\040\062\060\062\061\060
\036\027\015\062\061\060\062\061\071\061\060\065\070\064\066\132
\027\015\064\065\060\062\061\063\061\060\065\070\064\065\132\060
\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067
\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151
\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122
\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164
\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004\003
\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164\040
\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062\061
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
```

\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\201\333\127\102\220\054\164\065\364\370\270\164\031\115\253  
\011\132\167\105\201\163\142\260\065\237\370\320\267\063\000\207  
\023\266\226\253\016\124\022\060\007\274\233\267\110\327\321\031  
\203\256\216\330\251\361\251\000\204\260\214\136\236\350\014\217  
\124\151\277\366\324\010\117\046\160\376\030\101\143\032\263\062  
\213\100\370\007\253\127\061\360\306\026\166\147\232\264\335\057  
\362\321\153\305\320\222\204\221\161\156\017\056\143\351\037\123  
\244\335\122\023\314\011\203\051\201\014\305\123\165\104\261\016  
\147\123\030\320\303\037\210\113\237\224\044\264\051\274\273\350  
\116\375\157\322\025\035\111\334\215\160\362\021\032\040\121\125  
\021\272\210\157\304\367\120\171\326\252\061\342\204\075\136\062  
\310\167\052\120\161\345\013\057\351\266\352\357\253\012\063\071  
\016\375\217\245\147\103\202\216\230\151\011\011\033\100\315\070  
\147\107\352\311\354\227\161\022\336\044\365\162\074\321\367\103  
\114\046\367\220\262\211\351\105\113\125\075\061\005\172\101\342  
\225\272\103\300\027\305\266\205\075\031\215\144\160\363\133\254  
\315\237\323\051\165\207\113\225\147\152\246\370\321\335\274\220  
\206\211\103\051\251\067\133\365\135\260\046\132\123\102\166\220  
\053\317\236\126\154\053\124\317\134\232\145\337\133\213\110\140  
\070\174\373\305\013\317\166\004\143\002\063\052\175\365\203\147  
\347\372\306\103\375\053\017\324\046\057\167\244\062\301\044\352  
\144\235\277\263\070\161\061\104\362\107\270\242\146\101\241\373  
\233\173\274\307\106\152\165\277\132\242\214\350\152\104\301\270  
\226\265\300\062\010\055\173\164\065\163\262\312\306\376\257\021  
\162\030\366\347\310\302\317\245\052\352\173\326\131\350\174\240  
\262\152\100\011\151\016\245\226\333\321\000\271\361\210\156\066  
\360\210\262\235\361\122\362\303\174\277\060\211\074\012\151\371  
\042\244\145\341\233\340\164\306\261\205\227\226\054\256\224\217  
\120\246\071\022\037\276\107\362\201\170\323\165\066\236\175\132  
\040\227\342\122\256\231\237\306\174\233\146\363\376\330\317\356  
\275\227\006\035\055\205\334\076\066\123\226\173\040\272\350\310  
\341\255\226\142\076\021\174\263\000\204\236\247\114\161\253\112  
\067\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\240\326\007\075\136\044\367\173\240\104  
\056\044\122\015\031\252\053\004\221\247\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\015\107  
\371\011\146\061\122\354\171\356\302\250\362\150\076\355\226\105  
\313\072\246\230\143\077\352\053\115\116\003\320\034\202\341\313  
\323\345\326\253\133\147\050\274\235\376\014\231\012\200\125\247  
\316\033\043\141\015\260\127\360\376\340\312\276\346\220\333\203  
\054\276\203\216\364\171\266\376\320\015\102\247\130\037\151\352  
\201\365\005\245\376\106\150\353\154\170\311\340\352\347\346\336  
\061\305\322\325\054\202\143\050\235\135\250\032\176\210\346\347  
\053\361\054\325\320\005\236\334\055\275\067\146\324\004\242\247  
\255\277\072\302\250\073\255\377\215\235\063\340\271\232\204\241

\207\037\166\364\202\164\327\016\371\060\110\076\133\210\076\252  
\134\153\326\057\014\350\216\163\302\030\221\203\071\266\146\132  
\320\037\140\047\135\115\343\366\072\015\146\120\234\170\173\253  
\363\023\020\256\017\057\253\350\144\263\030\040\235\106\065\144  
\045\163\352\233\020\134\130\065\211\261\106\110\247\364\254\324  
\035\236\133\314\251\245\032\023\117\044\120\252\331\033\155\261  
\100\373\235\335\130\164\304\302\157\024\162\354\333\065\237\270  
\124\165\105\303\246\310\032\050\065\072\256\145\362\251\230\316  
\257\133\311\070\214\061\073\177\314\334\226\375\342\133\326\320  
\131\364\166\272\013\313\117\203\020\307\100\320\035\140\351\052  
\345\110\130\167\014\105\151\276\031\161\004\044\342\343\044\037  
\112\310\301\076\231\365\226\230\070\110\045\241\025\260\033\327  
\342\204\030\133\366\161\065\232\150\173\100\314\030\134\014\044  
\235\324\225\365\231\252\106\352\256\254\277\364\024\031\044\350  
\214\354\343\365\274\006\150\212\052\014\005\137\012\227\165\247  
\334\176\300\375\327\172\030\337\060\321\070\113\037\260\230\160  
\277\314\174\163\360\156\304\061\245\244\227\035\254\277\316\154  
\041\112\276\047\043\147\363\006\126\201\012\221\216\266\341\003  
\005\063\054\332\064\010\115\116\120\043\255\037\245\305\324\172  
\376\352\011\354\247\050\140\213\106\174\265\352\233\335\117\371  
\347\153\025\306\210\317\103\333\345\047\334\004\126\156\157\106  
\025\361\126\055\350\134\014\163\303\043\201\070\040\313\311\014  
\151\317\054\253\073\204\140\063\031\122\375\151\024\063

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "HARICA Client RSA Root CA 2021"

# Issuer: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

# Serial Number:55:52:f8:1e:db:1b:24:2c:9e:bb:96:18:cd:02:28:3e

# Subject: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

# Not Valid Before: Fri Feb 19 10:58:46 2021

# Not Valid After : Mon Feb 13 10:58:45 2045

# Fingerprint (SHA-256):

1B:E7:AB:E3:06:86:B1:63:48:AF:D1:C6:1B:68:66:A0:EA:7F:48:21:E6:7D:5E:8A:F9:37:CF:80:11:BC:75:0D

# Fingerprint (SHA1): 46:C6:90:0A:77:3A:B6:BC:F4:65:AD:AC:FC:E3:F7:07:00:6E:DE:6E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "HARICA Client RSA Root CA 2021"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\106\306\220\012\167\072\266\274\364\145\255\254\374\343\367\007  
\000\156\336\156

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\157\355\134\327\210\314\070\251\334\351\335\331\135\333\330\355

```

END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\125\122\370\036\333\033\044\054\236\273\226\030\315\002
\050\076
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HARICA Client ECC Root CA 2021"
#
# Issuer: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:31:68:d9:d8:e1:62:57:1e:d2:19:44:88:e6:10:7d:f0
# Subject: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:03:34 2021
# Not Valid After : Mon Feb 13 11:03:33 2045
# Fingerprint (SHA-256):
8D:D4:B5:37:3C:B0:DE:36:76:9C:12:33:92:80:D8:27:46:B3:AA:6C:D4:26:E7:97:A3:1B:AB:E4:27:9C:F0:0B
# Fingerprint (SHA1): BE:64:D3:DA:14:4B:D2:6B:CD:AF:8F:DB:A6:A6:72:F8:DE:26:F9:00
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client ECC Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_ID UTF8 "0"

```

CKA\_ISSUER MULTILINE\_OCTAL

\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061  
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156  
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040  
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165  
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004  
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164  
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062  
\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\061\150\331\330\341\142\127\036\322\031\104\210\346\020  
\175\360

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\132\060\202\001\341\240\003\002\001\002\002\020\061  
\150\331\330\341\142\127\036\322\031\104\210\346\020\175\360\060  
\012\006\010\052\206\110\316\075\004\003\003\060\157\061\013\060  
\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006\003  
\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101\143  
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141  
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163  
\040\103\101\061\047\060\045\006\003\125\004\003\014\036\110\101  
\122\111\103\101\040\103\154\151\145\156\164\040\105\103\103\040  
\122\157\157\164\040\103\101\040\062\060\062\061\060\036\027\015  
\062\061\060\062\061\071\061\061\060\063\063\064\132\027\015\064  
\065\060\062\061\063\061\061\060\063\063\063\132\060\157\061\013  
\060\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006  
\003\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101  
\143\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145  
\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156  
\163\040\103\101\061\047\060\045\006\003\125\004\003\014\036\110  
\101\122\111\103\101\040\103\154\151\145\156\164\040\105\103\103  
\040\122\157\157\164\040\103\101\040\062\060\062\061\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\007\030\255\225\226\224\320\134\017\202\367  
\052\100\372\002\311\311\075\066\246\243\004\152\301\155\225\001  
\210\140\022\124\154\134\242\053\156\023\072\210\225\014\034\046  
\206\066\112\211\031\267\030\336\073\350\250\120\037\312\337\133  
\277\111\200\025\333\343\060\341\035\132\307\052\212\001\007\376  
\155\054\064\357\050\050\227\274\301\371\127\206\225\213\065\317  
\236\132\321\150\225\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\122\010\322\276\062\201\045\375\365\032\227  
\354\116\137\032\273\123\315\220\255\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\206\060\012\006\010\052\206\110  
\316\075\004\003\003\003\147\000\060\144\002\060\114\061\105\106  
\117\250\346\276\303\167\262\032\030\113\055\210\173\130\346\253

```
\224\153\104\003\260\027\377\337\202\163\104\121\054\375\223\035
\006\173\024\322\211\354\100\014\357\041\001\056\002\060\057\311
\056\132\154\054\035\331\225\340\236\260\271\134\122\174\366\370
\070\312\056\361\324\035\362\242\111\242\225\370\301\130\136\117
\376\163\012\357\061\260\253\043\130\023\214\213\336\073
```

END

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

```
# Trust for "HARICA Client ECC Root CA 2021"
```

```
# Issuer: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
```

```
# Serial Number:31:68:d9:d8:e1:62:57:1e:d2:19:44:88:e6:10:7d:f0
```

```
# Subject: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
```

```
# Not Valid Before: Fri Feb 19 11:03:34 2021
```

```
# Not Valid After : Mon Feb 13 11:03:33 2045
```

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

```
8D:D4:B5:37:3C:B0:DE:36:76:9C:12:33:92:80:D8:27:46:B3:AA:6C:D4:26:E7:97:A3:1B:AB:E4:27:9C:F0:0B
```

```
# Fingerprint (SHA1): BE:64:D3:DA:14:4B:D2:6B:CD:AF:8F:DB:A6:A6:72:F8:DE:26:F9:00
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "HARICA Client ECC Root CA 2021"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\276\144\323\332\024\113\322\153\315\257\217\333\246\246\162\370
\336\046\371\000
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\255\270\120\246\251\202\172\154\075\032\252\244\322\143\244\104
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\061\150\331\330\341\142\127\036\322\031\104\210\346\020
\175\360
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"

#

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Serial Number:1b:70:e9:d2:ff:ae:6c:71

# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Not Valid Before: Tue Sep 23 15:22:07 2014

# Not Valid After : Mon May 05 15:22:07 2036

# Fingerprint (SHA-256):

57:DE:05:83:EF:D2:B2:6E:03:61:DA:99:DA:9D:F4:64:8D:EF:7E:E8:44:1C:3B:72:8A:FA:9B:CD:E0:F9:B2:6A

# Fingerprint (SHA1): 0B:BE:C2:27:22:49:CB:39:AA:DB:35:5C:53:E3:8C:AE:78:FF:B6:FE

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\033\160\351\322\377\256\154\161

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\024\060\202\003\374\240\003\002\001\002\002\010\033  
\160\351\322\377\256\154\161\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\121\061\013\060\011\006\003\125\004  
\006\023\002\105\123\061\102\060\100\006\003\125\004\003\014\071  
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141  
\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040  
\101\066\062\066\063\064\060\066\070\060\036\027\015\061\064\060

\071\062\063\061\065\062\062\060\067\132\027\015\063\066\060\065  
\060\065\061\065\062\062\060\067\132\060\121\061\013\060\011\006  
\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004  
\003\014\071\101\165\164\157\162\151\144\141\144\040\144\145\040  
\103\145\162\164\151\146\151\143\141\143\151\157\156\040\106\151  
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103  
\111\106\040\101\066\062\066\063\064\060\066\070\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\226\153  
\216\352\370\373\361\242\065\340\177\114\332\340\303\122\327\175  
\266\020\310\002\136\263\103\052\304\117\152\262\312\034\135\050  
\232\170\021\032\151\131\127\257\265\040\102\344\213\017\346\337  
\133\246\003\222\057\365\021\344\142\327\062\161\070\331\004\014  
\161\253\075\121\176\017\007\337\143\005\134\351\277\224\157\301  
\051\202\300\264\332\121\260\301\074\273\255\067\112\134\312\361  
\113\066\016\044\253\277\303\204\167\375\250\120\364\261\347\306  
\057\322\055\131\215\172\012\116\226\151\122\002\252\066\230\354  
\374\372\024\203\014\067\037\311\222\067\177\327\201\055\345\304  
\271\340\076\064\376\147\364\076\146\321\323\364\100\317\136\142  
\064\017\160\006\076\040\030\132\316\367\162\033\045\154\223\164  
\024\223\243\163\261\016\252\207\020\043\131\137\040\005\031\107  
\355\150\216\222\022\312\135\374\326\053\262\222\074\040\317\341  
\137\257\040\276\240\166\177\166\345\354\032\206\141\063\076\347  
\173\264\077\240\017\216\242\271\152\157\271\207\046\157\101\154  
\210\246\120\375\152\143\013\365\223\026\033\031\217\262\355\233  
\233\311\220\365\001\014\337\031\075\017\076\070\043\311\057\217  
\014\321\002\376\033\125\326\116\320\215\074\257\117\244\363\376  
\257\052\323\005\235\171\010\241\313\127\061\264\234\310\220\262  
\147\364\030\026\223\072\374\107\330\321\170\226\061\037\272\053  
\014\137\135\231\255\143\211\132\044\040\166\330\337\375\253\116  
\246\042\252\235\136\346\047\212\175\150\051\243\347\212\270\332  
\021\273\027\055\231\235\023\044\106\367\305\342\330\237\216\177  
\307\217\164\155\132\262\350\162\365\254\356\044\020\255\057\024  
\332\377\055\232\106\161\107\276\102\337\273\001\333\364\177\323  
\050\217\061\131\133\323\311\002\246\264\122\312\156\227\373\103  
\305\010\046\157\212\364\273\375\237\050\252\015\325\105\363\023  
\072\035\330\300\170\217\101\147\074\036\224\144\256\173\013\305  
\350\331\001\210\071\032\227\206\144\101\325\073\207\014\156\372  
\017\306\275\110\024\277\071\115\324\236\101\266\217\226\035\143  
\226\223\331\225\006\170\061\150\236\067\006\073\200\211\105\141  
\071\043\307\033\104\243\025\345\034\370\222\060\273\002\003\001  
\000\001\243\201\357\060\201\354\060\035\006\003\125\035\016\004  
\026\004\024\145\315\353\253\065\036\000\076\176\325\164\300\034  
\264\163\107\016\032\144\057\060\022\006\003\125\035\023\001\001  
\377\004\010\060\006\001\001\377\002\001\001\060\201\246\006\003  
\125\035\040\004\201\236\060\201\233\060\201\230\006\004\125\035  
\040\000\060\201\217\060\057\006\010\053\006\001\005\005\007\002  
\001\026\043\150\164\164\160\072\057\057\167\167\167\056\146\151

\162\155\141\160\162\157\146\145\163\151\157\156\141\154\056\143  
\157\155\057\143\160\163\060\134\006\010\053\006\001\005\005\007  
\002\002\060\120\036\116\000\120\000\141\000\163\000\145\000\157  
\000\040\000\144\000\145\000\040\000\154\000\141\000\040\000\102  
\000\157\000\156\000\141\000\156\000\157\000\166\000\141\000\040  
\000\064\000\067\000\040\000\102\000\141\000\162\000\143\000\145  
\000\154\000\157\000\156\000\141\000\040\000\060\000\070\000\060  
\000\061\000\067\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\002\001\000\164\207\050\002\053\167\037\146  
\211\144\355\217\164\056\106\034\273\250\370\370\013\035\203\266  
\072\247\350\105\212\007\267\340\076\040\313\341\010\333\023\010  
\370\050\241\065\262\200\263\013\121\300\323\126\232\215\063\105  
\111\257\111\360\340\075\007\172\105\023\132\377\310\227\330\323  
\030\054\175\226\370\335\242\145\103\160\223\220\025\272\220\337  
\350\031\260\333\054\212\140\017\267\157\224\007\036\035\246\311  
\205\366\275\064\370\100\170\142\020\160\072\276\175\113\071\201  
\251\020\324\226\101\273\370\137\034\013\035\010\362\261\260\211  
\172\362\367\240\340\304\217\213\170\265\073\130\245\043\216\117  
\125\376\066\073\340\014\267\312\052\060\101\040\264\200\315\256  
\374\166\146\163\250\256\156\341\174\332\003\350\224\040\346\042  
\243\320\037\220\135\040\123\024\046\127\332\124\227\337\026\104  
\020\001\036\210\146\217\162\070\223\335\040\267\064\276\327\361  
\356\143\216\107\171\050\006\374\363\131\105\045\140\042\063\033  
\243\137\250\272\052\332\032\075\315\100\352\214\356\005\025\225  
\325\245\054\040\057\247\230\050\356\105\374\361\270\210\000\054  
\217\102\332\121\325\234\345\023\150\161\105\103\213\236\013\041  
\074\113\134\005\334\032\237\230\216\332\275\042\236\162\315\255  
\012\313\314\243\147\233\050\164\304\233\327\032\074\004\130\246  
\202\235\255\307\173\157\377\200\226\351\370\215\152\275\030\220  
\035\377\111\032\220\122\067\223\057\074\002\135\202\166\013\121  
\347\026\307\127\370\070\371\247\315\233\042\124\357\143\260\025  
\155\123\145\003\112\136\112\240\262\247\216\111\000\131\070\325  
\307\364\200\144\365\156\225\120\270\021\176\025\160\070\112\260  
\177\320\304\062\160\300\031\377\311\070\055\024\054\146\364\102  
\104\346\125\166\033\200\025\127\377\300\247\247\252\071\252\330  
\323\160\320\056\272\353\224\152\372\137\064\206\347\142\265\375  
\212\360\060\205\224\311\257\044\002\057\157\326\335\147\376\343  
\260\125\117\004\230\117\244\101\126\342\223\320\152\350\326\363  
\373\145\340\316\165\304\061\131\014\356\202\310\014\140\063\112  
\031\272\204\147\047\017\274\102\135\275\044\124\015\354\035\160  
\006\137\244\274\372\040\174\125

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Autoridad de Certificacion Firmaprofesional CIF A62634068"

```

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:1b:70:e9:d2:ff:ae:6c:71
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Tue Sep 23 15:22:07 2014
# Not Valid After : Mon May 05 15:22:07 2036
# Fingerprint (SHA-256):
57:DE:05:83:EF:D2:B2:6E:03:61:DA:99:DA:9D:F4:64:8D:EF:7E:E8:44:1C:3B:72:8A:FA:9B:CD:E0:F9:B2:6A
# Fingerprint (SHA1): 0B:BE:C2:27:22:49:CB:39:AA:DB:35:5C:53:E3:8C:AE:78:FF:B6:FE
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\013\276\302\047\042\111\313\071\252\333\065\134\123\343\214\256
\170\377\266\376
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\116\156\233\124\114\312\267\372\110\344\220\261\025\113\034\243
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\033\160\351\322\377\256\154\161
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "vTrus ECC Root CA"
#
# Issuer: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Serial Number:6e:6a:bc:59:aa:53:be:98:39:67:a2:d2:6b:a4:3b:e6:6d:1c:d6:da
# Subject: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Not Valid Before: Tue Jul 31 07:26:44 2018
# Not Valid After : Fri Jul 31 07:26:44 2043
# Fingerprint (SHA-256):
30:FB:BA:2C:32:23:8E:2A:98:54:7A:F9:79:31:E5:50:42:8B:9B:3F:1C:8E:EB:66:33:DC:FA:86:C5:B2:7D:D3
# Fingerprint (SHA1): F6:9C:DB:B0:FC:F6:02:13:B6:52:32:A6:A3:91:3F:16:70:DA:C3:E1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus ECC Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\156\152\274\131\252\123\276\230\071\147\242\322\153\244
\073\346\155\034\326\332
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\017\060\202\001\225\240\003\002\001\002\002\024\156
\152\274\131\252\123\276\230\071\147\242\322\153\244\073\346\155
\034\326\332\060\012\006\010\052\206\110\316\075\004\003\003\060
\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061\034
\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103\150
\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060\030
\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103\103
\040\122\157\157\164\040\103\101\060\036\027\015\061\070\060\067
\063\061\060\067\062\066\064\064\132\027\015\064\063\060\067\063
\061\060\067\062\066\064\064\132\060\107\061\013\060\011\006\003
\125\004\006\023\002\103\116\061\034\060\032\006\003\125\004\012
\023\023\151\124\162\165\163\103\150\151\156\141\040\103\157\056
\054\114\164\144\056\061\032\060\030\006\003\125\004\003\023\021
\166\124\162\165\163\040\105\103\103\040\122\157\157\164\040\103
\101\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\145\120\112\256\214\171\226
\112\252\034\010\303\243\242\315\376\131\126\101\167\375\046\224
\102\273\035\315\010\333\163\262\133\165\363\317\234\116\202\364
\277\370\141\046\205\154\326\205\133\162\160\322\375\333\142\264
\337\123\213\275\261\104\130\142\102\011\307\372\177\133\020\347
\376\100\375\300\330\303\053\062\347\160\246\267\246\040\125\035
\173\200\135\113\217\147\114\361\020\243\102\060\100\060\035\006
\003\125\035\016\004\026\004\024\230\071\315\276\330\262\214\367
```

```
\262\253\341\255\044\257\173\174\241\333\037\317\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\012\006
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\060
\127\235\335\126\361\307\343\351\270\111\120\153\233\151\303\157
\354\303\175\045\344\127\225\023\100\233\122\323\073\363\100\031
\274\046\307\055\006\236\265\173\066\237\365\045\324\143\153\000
\002\061\000\351\323\306\236\126\232\052\314\241\332\077\310\146
\053\323\130\234\040\205\372\253\221\212\160\160\021\070\140\144
\013\142\011\221\130\000\371\115\373\064\150\332\011\255\041\006
\030\224\316
```

END

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

```
# Trust for "vTrus ECC Root CA"
```

```
# Issuer: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN
```

```
# Serial Number:6e:6a:bc:59:aa:53:be:98:39:67:a2:d2:6b:a4:3b:e6:6d:1c:d6:da
```

```
# Subject: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN
```

```
# Not Valid Before: Tue Jul 31 07:26:44 2018
```

```
# Not Valid After : Fri Jul 31 07:26:44 2043
```

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

```
30:FB:BA:2C:32:23:8E:2A:98:54:7A:F9:79:31:E5:50:42:8B:9B:3F:1C:8E:EB:66:33:DC:FA:86:C5:B2:7D:D3
```

```
# Fingerprint (SHA1): F6:9C:DB:B0:FC:F6:02:13:B6:52:32:A6:A3:91:3F:16:70:DA:C3:E1
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "vTrus ECC Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\366\234\333\260\374\366\002\023\266\122\062\246\243\221\077\026
\160\332\303\341
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\336\113\301\365\122\214\233\103\341\076\217\125\124\027\215\205
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\024\156\152\274\131\252\123\276\230\071\147\242\322\153\244
\073\346\155\034\326\332
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "vTrus Root CA"

#

# Issuer: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN

# Serial Number:43:e3:71:13:d8:b3:59:14:5d:b7:ce:8c:fd:35:fd:6f:bc:05:8d:45

# Subject: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN

# Not Valid Before: Tue Jul 31 07:24:05 2018

# Not Valid After : Fri Jul 31 07:24:05 2043

# Fingerprint (SHA-256):

8A:71:DE:65:59:33:6F:42:6C:26:E5:38:80:D0:0D:88:A1:8D:A4:C6:A9:1F:0D:CB:61:94:E2:06:C5:C9:63:87

# Fingerprint (SHA1): 84:1A:69:FB:F5:CD:1A:25:34:13:3D:E3:F8:FC:B8:99:D0:C9:14:B7

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "vTrus Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103  
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060  
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157  
\157\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103  
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060  
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157  
\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\103\343\161\023\330\263\131\024\135\267\316\214\375\065  
\375\157\274\005\215\105

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\126\060\202\003\076\240\003\002\001\002\002\024\103  
\343\161\023\330\263\131\024\135\267\316\214\375\065\375\157\274  
\005\215\105\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\103\061\013\060\011\006\003\125\004\006\023\002\103  
\116\061\034\060\032\006\003\125\004\012\023\023\151\124\162\165  
\163\103\150\151\156\141\040\103\157\056\054\114\164\144\056\061

\026\060\024\006\003\125\004\003\023\015\166\124\162\165\163\040  
\122\157\157\164\040\103\101\060\036\027\015\061\070\060\067\063  
\061\060\067\062\064\060\065\132\027\015\064\063\060\067\063\061  
\060\067\062\064\060\065\132\060\103\061\013\060\011\006\003\125  
\004\006\023\002\103\116\061\034\060\032\006\003\125\004\012\023  
\023\151\124\162\165\163\103\150\151\156\141\040\103\157\056\054  
\114\164\144\056\061\026\060\024\006\003\125\004\003\023\015\166  
\124\162\165\163\040\122\157\157\164\040\103\101\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\275\125\174  
\141\323\270\035\004\142\005\240\256\154\267\160\264\101\352\113  
\003\136\020\077\220\132\034\213\073\260\146\213\154\110\246\034  
\042\272\325\100\222\356\063\262\043\131\311\216\274\130\332\213  
\236\320\031\362\057\131\306\214\143\132\272\237\243\013\260\263  
\232\134\272\021\270\022\351\014\273\317\156\154\200\207\051\024  
\003\054\215\044\232\310\144\203\265\152\254\023\054\063\361\237  
\334\054\141\074\032\077\160\125\233\255\000\122\177\317\004\271  
\376\066\372\234\300\026\256\142\376\226\114\103\176\125\024\276  
\032\263\322\155\302\257\166\146\225\153\052\260\224\167\205\136  
\004\017\142\035\143\165\367\153\347\313\133\232\160\354\076\147  
\005\360\376\007\010\200\317\050\333\005\306\024\047\057\206\175  
\360\047\336\377\346\176\063\110\347\013\036\130\321\047\053\123  
\016\127\112\145\327\373\242\200\140\374\114\274\065\123\001\152  
\227\162\202\257\361\035\160\350\234\365\357\136\302\154\307\107  
\176\132\224\205\046\115\073\272\353\114\350\260\011\302\145\302  
\235\235\011\233\116\265\227\005\254\365\006\240\367\066\005\176  
\364\220\262\153\304\264\371\144\352\351\032\012\310\015\250\355  
\047\311\324\347\263\271\253\202\042\220\047\075\052\350\174\220  
\357\274\117\375\342\012\044\247\336\145\044\244\135\352\300\166  
\060\323\167\120\370\015\004\233\224\066\001\163\312\006\130\246  
\323\073\334\372\004\106\023\125\212\311\104\107\270\121\071\032  
\056\350\064\342\171\313\131\112\012\177\274\246\357\037\003\147  
\152\131\053\045\142\223\331\123\031\146\074\047\142\051\206\115  
\244\153\356\377\324\116\272\325\264\342\216\110\132\000\031\011  
\361\005\331\316\221\261\367\353\351\071\117\366\157\004\103\232  
\125\365\076\005\024\275\277\263\131\264\330\216\063\204\243\220  
\122\252\263\002\225\140\371\014\114\150\371\356\325\027\015\370  
\161\127\265\045\344\051\356\145\135\257\321\356\074\027\013\132  
\103\305\245\206\352\044\236\342\005\007\334\064\102\022\221\326  
\071\164\256\114\101\202\333\362\246\110\321\263\233\363\063\252  
\363\246\300\305\116\365\364\235\166\143\346\002\306\042\113\301  
\225\077\120\144\054\124\345\266\360\074\051\317\127\002\003\001  
\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004  
\024\124\142\160\143\361\165\204\103\130\216\321\026\040\261\306  
\254\032\274\366\211\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\002\001\000\051\272\222\111\247\255

\360\361\160\303\344\227\360\237\251\045\325\153\236\064\376\346  
\032\144\366\072\153\122\262\020\170\032\237\114\332\212\332\354  
\034\067\122\340\102\113\373\154\166\312\044\013\071\022\025\235  
\237\021\055\374\171\144\334\340\340\365\335\340\127\311\245\262  
\166\160\120\244\376\267\012\160\325\240\064\361\165\327\115\111  
\272\021\321\263\330\354\202\377\353\016\304\277\144\055\175\143  
\156\027\170\354\135\174\210\310\353\216\127\166\331\131\004\372  
\274\122\037\105\254\360\172\200\354\354\157\166\256\221\333\020  
\216\004\334\222\337\240\366\346\256\111\323\301\154\022\033\314  
\051\252\371\010\245\342\067\024\312\261\270\146\357\032\202\344  
\360\370\361\247\026\151\267\333\251\141\074\237\365\061\313\344  
\000\106\302\057\164\261\261\327\201\356\250\046\225\274\210\257  
\114\065\007\052\002\312\170\024\155\107\053\100\126\351\313\052  
\140\241\147\003\240\316\214\274\260\162\147\304\061\316\333\064  
\345\045\003\140\045\173\161\230\344\300\033\053\137\164\102\322  
\113\305\131\010\007\207\276\305\303\177\347\226\331\341\334\050  
\227\326\217\005\343\365\233\116\312\035\120\107\005\123\260\312  
\071\347\205\240\211\301\005\073\001\067\323\077\111\342\167\353  
\043\310\210\146\073\075\071\166\041\106\361\354\137\043\270\353  
\242\146\165\164\301\100\367\330\150\232\223\342\055\251\056\275  
\034\243\036\310\164\306\244\055\172\040\253\073\270\260\106\375  
\157\335\137\122\125\165\142\360\227\240\174\327\070\375\045\337  
\315\240\233\020\317\213\270\070\136\136\305\264\246\002\066\241  
\036\137\034\317\342\226\235\051\252\375\230\256\122\341\363\101  
\122\373\251\056\162\226\237\047\343\252\163\175\370\032\043\146  
\173\073\253\145\260\062\001\113\025\076\075\242\117\014\053\065  
\242\306\331\147\022\065\060\315\166\056\026\263\231\236\115\117  
\116\055\073\064\103\341\232\016\015\244\146\227\272\322\034\112  
\114\054\052\213\213\201\117\161\032\251\335\134\173\173\010\305  
\000\015\067\100\343\174\173\124\137\057\205\137\166\366\367\247  
\260\034\127\126\301\162\350\255\242\257\215\063\111\272\037\212  
\334\346\164\174\140\206\157\207\227\173

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "vTrus Root CA"

# Issuer: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN

# Serial Number:43:e3:71:13:d8:b3:59:14:5d:b7:ce:8c:fd:35:fd:6f:bc:05:8d:45

# Subject: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN

# Not Valid Before: Tue Jul 31 07:24:05 2018

# Not Valid After : Fri Jul 31 07:24:05 2043

# Fingerprint (SHA-256):

8A:71:DE:65:59:33:6F:42:6C:26:E5:38:80:D0:0D:88:A1:8D:A4:C6:A9:1F:0D:CB:61:94:E2:06:C5:C9:63:87

# Fingerprint (SHA1): 84:1A:69:FB:F5:CD:1A:25:34:13:3D:E3:F8:FC:B8:99:D0:C9:14:B7

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\204\032\151\373\365\315\032\045\064\023\075\343\370\374\270\231
\320\311\024\267
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\270\311\067\337\372\153\061\204\144\305\352\021\152\033\165\374
END
CKA_ISSUER MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157
\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\103\343\161\023\330\263\131\024\135\267\316\214\375\065
\375\157\274\005\215\105
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ISRG Root X2"
#
# Issuer: CN=ISRG Root X2,O=Internet Security Research Group,C=US
# Serial Number:41:d2:9d:d1:72:ea:ee:a7:80:c1:2c:6c:e9:2f:87:52
# Subject: CN=ISRG Root X2,O=Internet Security Research Group,C=US
# Not Valid Before: Fri Sep 04 00:00:00 2020
# Not Valid After : Mon Sep 17 16:00:00 2040
# Fingerprint (SHA-256):
69:72:9B:8E:15:A8:6E:FC:17:7A:57:AF:B7:17:1D:FC:64:AD:D2:8C:2F:CA:8C:F1:50:7E:34:45:3C:CB:14:70
# Fingerprint (SHA1): BD:B1:B9:3C:D5:97:8D:45:C6:26:14:55:F8:DB:95:C7:5A:D1:53:AF
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003

```

\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130  
\062  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156  
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145  
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003  
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130  
\062  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\101\322\235\321\162\352\356\247\200\301\054\154\351\057  
\207\122  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\002\033\060\202\001\241\240\003\002\001\002\002\020\101  
\322\235\321\162\352\356\247\200\301\054\154\351\057\207\122\060  
\012\006\010\052\206\110\316\075\004\003\003\060\117\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\051\060\047\006\003  
\125\004\012\023\040\111\156\164\145\162\156\145\164\040\123\145  
\143\165\162\151\164\171\040\122\145\163\145\141\162\143\150\040  
\107\162\157\165\160\061\025\060\023\006\003\125\004\003\023\014  
\111\123\122\107\040\122\157\157\164\040\130\062\060\036\027\015  
\062\060\060\071\060\064\060\060\060\060\060\132\027\015\064  
\060\060\071\061\067\061\066\060\060\060\060\132\060\117\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\051\060\047\006  
\003\125\004\012\023\040\111\156\164\145\162\156\145\164\040\123  
\145\143\165\162\151\164\171\040\122\145\163\145\141\162\143\150  
\040\107\162\157\165\160\061\025\060\023\006\003\125\004\003\023  
\014\111\123\122\107\040\122\157\157\164\040\130\062\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\315\233\325\237\200\203\012\354\011\112\363  
\026\112\076\134\317\167\254\336\147\005\015\035\007\266\334\026  
\373\132\213\024\333\342\161\140\304\272\105\225\021\211\216\352  
\006\337\367\052\026\034\244\271\305\305\062\340\003\340\036\202  
\030\070\213\327\105\330\012\152\156\346\000\167\373\002\121\175  
\042\330\012\156\232\133\167\337\360\372\101\354\071\334\165\312  
\150\007\014\037\352\243\102\060\100\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\174\102\226\256\336\113\110\073\372\222\370  
\236\214\317\155\213\251\162\067\225\060\012\006\010\052\206\110  
\316\075\004\003\003\003\150\000\060\145\002\060\173\171\116\106  
\120\204\302\104\207\106\033\105\160\377\130\231\336\364\375\244  
\322\125\246\040\055\164\326\064\274\101\243\120\137\001\047\126  
\264\276\047\165\006\257\022\056\165\230\215\374\002\061\000\213

```
\365\167\154\324\310\145\252\340\013\054\356\024\235\047\067\244
\371\123\245\121\344\051\203\327\370\220\061\133\102\237\012\365
\376\256\000\150\347\214\111\017\266\157\133\133\025\362\347
END
```

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

```
# Trust for "ISRG Root X2"
```

```
# Issuer: CN=ISRG Root X2,O=Internet Security Research Group,C=US
```

```
# Serial Number:41:d2:9d:d1:72:ea:ee:a7:80:c1:2c:6c:e9:2f:87:52
```

```
# Subject: CN=ISRG Root X2,O=Internet Security Research Group,C=US
```

```
# Not Valid Before: Fri Sep 04 00:00:00 2020
```

```
# Not Valid After : Mon Sep 17 16:00:00 2040
```

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

```
69:72:9B:8E:15:A8:6E:FC:17:7A:57:AF:B7:17:1D:FC:64:AD:D2:8C:2F:CA:8C:F1:50:7E:34:45:3C:CB:14:70
```

```
# Fingerprint (SHA1): BD:B1:B9:3C:D5:97:8D:45:C6:26:14:55:F8:DB:95:C7:5A:D1:53:AF
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ISRG Root X2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\275\261\271\074\325\227\215\105\306\046\024\125\370\333\225\307
\132\321\123\257
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\323\236\304\036\043\074\246\337\317\243\176\155\340\024\346\345
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\062
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\101\322\235\321\162\352\356\247\200\301\054\154\351\057
\207\122
```

```
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "HiPKI Root CA - G1"
```

```
#
# Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW
# Serial Number:2d:dd:ac:ce:62:97:94:a1:43:e8:b0:cd:76:6a:5e:60
# Subject: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW
# Not Valid Before: Fri Feb 22 09:46:04 2019
# Not Valid After : Thu Dec 31 15:59:59 2037
# Fingerprint (SHA-256):
F0:15:CE:3C:C2:39:BF:EF:06:4B:E9:F1:D2:C4:17:E1:A0:26:4A:0A:94:BE:1F:0C:8D:12:18:64:EB:69:49:CC
# Fingerprint (SHA1): 6A:92:E4:A8:EE:1B:EC:96:45:37:E3:29:57:49:CD:96:E3:E5:D2:60
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HiPKI Root CA - G1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110
\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110
\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\055\335\254\316\142\227\224\241\103\350\260\315\166\152
\136\140
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\152\060\202\003\122\240\003\002\001\002\002\020\055
\335\254\316\142\227\224\241\103\350\260\315\166\152\136\140\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\117
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164
\144\056\061\033\060\031\006\003\125\004\003\014\022\110\151\120
\113\111\040\122\157\157\164\040\103\101\040\055\040\107\061\060
\036\027\015\061\071\060\062\062\062\060\071\064\066\060\064\132
\027\015\063\067\061\062\063\061\061\065\065\071\065\071\132\060
\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043
```

\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167  
\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114  
\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110\151  
\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107\061  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\364\036\177\122\163\062\014\163\344\275\023\164\243\324\060  
\250\320\256\113\330\266\337\165\107\146\364\174\347\071\004\036  
\152\160\040\322\132\107\162\147\125\364\245\350\235\325\036\041  
\241\360\147\272\314\041\150\276\104\123\277\215\371\342\334\057  
\125\310\067\077\037\244\300\234\263\344\167\134\240\106\376\167  
\372\032\240\070\352\355\232\162\336\053\275\224\127\072\272\354  
\171\347\137\175\102\144\071\172\046\066\367\044\360\325\057\272  
\225\230\021\146\255\227\065\326\165\001\200\340\257\364\204\141  
\214\015\036\137\174\207\226\136\101\257\353\207\352\370\135\361  
\056\210\005\076\114\042\273\332\037\052\335\122\106\144\071\363  
\102\316\331\236\014\263\260\167\227\144\234\300\364\243\056\037  
\225\007\260\027\337\060\333\000\030\226\114\241\201\113\335\004  
\155\123\243\075\374\007\254\324\305\067\202\353\344\225\010\031  
\050\202\322\102\072\243\330\123\354\171\211\140\110\140\310\162  
\222\120\334\003\217\203\077\262\102\127\132\333\152\351\021\227  
\335\205\050\274\060\114\253\343\302\261\105\104\107\037\340\212  
\026\007\226\322\041\017\123\300\355\251\176\324\116\354\233\011  
\354\257\102\254\060\326\277\321\020\105\340\246\026\262\245\305  
\323\117\163\224\063\161\002\241\152\243\326\063\227\117\041\143  
\036\133\217\331\301\136\105\161\167\017\201\135\137\041\232\255  
\203\314\372\136\326\215\043\137\033\075\101\257\040\165\146\132  
\112\366\237\373\253\030\367\161\300\266\035\061\354\073\040\353  
\313\342\270\365\256\222\262\367\341\204\113\362\242\362\223\232  
\042\236\323\024\157\066\124\275\037\136\131\025\271\163\250\301  
\174\157\173\142\351\026\154\107\132\145\363\016\021\233\106\331  
\375\155\334\326\234\300\264\175\245\260\335\077\126\157\241\371  
\366\344\022\110\375\006\177\022\127\266\251\043\117\133\003\303  
\340\161\052\043\267\367\260\261\073\274\230\275\326\230\250\014  
\153\366\216\022\147\246\362\262\130\344\002\011\023\074\251\273  
\020\264\322\060\105\361\354\367\000\021\337\145\370\334\053\103  
\125\277\026\227\304\017\325\054\141\204\252\162\206\376\346\072  
\176\302\077\175\356\374\057\024\076\346\205\335\120\157\267\111  
\355\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\362\167\027\372\136\250\376\366\075\161  
\325\150\272\311\106\014\070\330\257\260\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\120\121  
\360\165\334\160\004\343\377\252\165\324\161\242\313\236\217\250  
\251\323\257\165\307\124\317\072\034\004\231\042\254\304\021\342  
\357\063\112\246\043\035\016\015\107\330\067\307\157\257\064\177  
\117\201\153\065\117\351\162\245\061\342\170\347\367\116\224\030

\133\100\175\317\153\041\124\206\346\225\172\373\306\312\352\234  
\110\116\127\011\135\057\254\364\245\264\227\063\130\325\254\171  
\251\314\137\371\205\372\122\305\215\370\221\024\353\072\015\027  
\320\122\302\173\343\302\163\216\106\170\006\070\054\350\134\332  
\146\304\364\244\360\126\031\063\051\132\145\222\005\107\106\112  
\253\204\303\036\047\241\037\021\222\231\047\165\223\017\274\066  
\073\227\127\217\046\133\014\273\234\017\324\156\060\007\324\334  
\137\066\150\146\071\203\226\047\046\212\310\304\071\376\232\041  
\157\325\162\206\351\177\142\345\227\116\320\044\320\100\260\320  
\165\010\216\275\150\356\010\327\156\174\020\160\106\033\174\340  
\210\262\236\162\206\231\001\343\277\237\111\031\264\045\276\126  
\145\256\027\143\345\036\337\350\377\107\245\277\341\046\005\204  
\344\260\300\257\347\010\231\250\014\136\046\200\105\324\370\150  
\057\226\217\256\342\112\034\234\026\014\023\157\070\207\366\273  
\310\064\137\222\003\121\171\160\246\337\313\365\231\115\171\315  
\116\274\127\237\103\116\153\056\053\030\370\152\163\214\272\305  
\065\357\071\152\101\036\317\161\250\242\262\206\007\133\072\311  
\341\357\077\145\004\200\107\062\104\160\225\116\061\147\152\164  
\133\020\105\165\352\260\237\320\346\065\376\116\237\213\314\053  
\222\105\133\156\045\140\205\106\315\321\252\260\166\146\223\167  
\226\276\203\276\070\266\044\116\046\013\314\355\172\126\032\340  
\351\132\306\144\255\114\172\000\110\104\057\271\100\273\023\076  
\276\025\170\235\205\201\112\052\127\336\325\031\103\332\333\312  
\133\107\206\203\013\077\266\015\166\170\163\171\042\136\261\200  
\037\317\276\321\077\126\020\230\053\225\207\241\037\235\144\024  
\140\071\054\263\000\125\056\344\365\263\016\127\304\221\101\000  
\234\077\350\245\337\352\366\377\310\360\255\155\122\250\027\253  
\233\141\374\022\121\065\344\045\375\257\252\152\206\071

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "HiPKI Root CA - G1"

# Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW

# Serial Number:2d:dd:ac:ce:62:97:94:a1:43:e8:b0:cd:76:6a:5e:60

# Subject: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW

# Not Valid Before: Fri Feb 22 09:46:04 2019

# Not Valid After : Thu Dec 31 15:59:59 2037

# Fingerprint (SHA-256):

F0:15:CE:3C:C2:39:BF:EF:06:4B:E9:F1:D2:C4:17:E1:A0:26:4A:0A:94:BE:1F:0C:8D:12:18:64:EB:69:49:CC

# Fingerprint (SHA1): 6A:92:E4:A8:EE:1B:EC:96:45:37:E3:29:57:49:CD:96:E3:E5:D2:60

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "HiPKI Root CA - G1"

CKA\_CERT\_SHA1\_HASH MULTILINE OCTAL

\152\222\344\250\356\033\354\226\105\067\343\051\127\111\315\226  
\343\345\322\140

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\151\105\337\026\145\113\350\150\232\217\166\137\377\200\236\323

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150  
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040  
\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110  
\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107  
\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\055\335\254\316\142\227\224\241\103\350\260\315\166\152  
\136\140

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GlobalSign ECC Root CA - R4"

#

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4

# Serial Number:02:03:e5:7e:f5:3f:93:fd:a5:09:21:b2:a6

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4

# Not Valid Before: Tue Nov 13 00:00:00 2012

# Not Valid After : Tue Jan 19 03:14:07 2038

# Fingerprint (SHA-256):

B0:85:D7:0B:96:4F:19:1A:73:E4:AF:0D:54:AE:7A:0E:07:AA:FD:AF:9B:71:DD:08:62:13:8A:B7:32:5A:24:A2

# Fingerprint (SHA1): 6B:A0:B0:98:E1:71:EF:5A:AD:FE:48:15:80:77:10:F4:BD:6F:0B:28

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign ECC Root CA - R4"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\015\002\003\345\176\365\077\223\375\245\011\041\262\246

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\001\334\060\202\001\203\240\003\002\001\002\002\015\002  
\003\345\176\365\077\223\375\245\011\041\262\246\060\012\006\010  
\052\206\110\316\075\004\003\002\060\120\061\044\060\042\006\003  
\125\004\013\023\033\107\154\157\142\141\154\123\151\147\156\040  
\105\103\103\040\122\157\157\164\040\103\101\040\055\040\122\064  
\061\023\060\021\006\003\125\004\012\023\012\107\154\157\142\141  
\154\123\151\147\156\061\023\060\021\006\003\125\004\003\023\012  
\107\154\157\142\141\154\123\151\147\156\060\036\027\015\061\062  
\061\061\061\063\060\060\060\060\060\060\132\027\015\063\070\060  
\061\061\071\060\063\061\064\060\067\132\060\120\061\044\060\042  
\006\003\125\004\013\023\033\107\154\157\142\141\154\123\151\147  
\156\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040  
\122\064\061\023\060\021\006\003\125\004\012\023\012\107\154\157  
\142\141\154\123\151\147\156\061\023\060\021\006\003\125\004\003  
\023\012\107\154\157\142\141\154\123\151\147\156\060\131\060\023  
\006\007\052\206\110\316\075\002\001\006\010\052\206\110\316\075  
\003\001\007\003\102\000\004\270\306\171\323\217\154\045\016\237  
\056\071\031\034\003\244\256\232\345\071\007\011\026\312\143\261  
\271\206\370\212\127\301\127\316\102\372\163\241\367\145\102\377  
\036\301\000\262\156\163\016\377\307\041\345\030\244\252\331\161  
\077\250\324\271\316\214\035\243\102\060\100\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\206\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\124\260\173\255\105\270\342\100\177  
\373\012\156\373\276\063\311\074\243\204\325\060\012\006\010\052  
\206\110\316\075\004\003\002\003\107\000\060\104\002\040\042\117  
\164\162\271\140\257\361\346\234\240\026\005\120\137\303\136\073  
\156\141\164\357\276\001\304\276\030\110\131\141\202\062\002\040  
\046\235\124\143\100\336\067\140\120\317\310\330\355\235\202\256  
\067\230\274\243\217\114\114\251\064\053\154\357\373\225\233\046

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "GlobalSign ECC Root CA - R4"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Serial Number:02:03:e5:7e:f5:3f:93:fd:a5:09:21:b2:a6
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
B0:85:D7:0B:96:4F:19:1A:73:E4:AF:0D:54:AE:7A:0E:07:AA:FD:AF:9B:71:DD:08:62:13:8A:B7:32:5A:24:A2
# Fingerprint (SHA1): 6B:A0:B0:98:E1:71:EF:5A:AD:FE:48:15:80:77:10:F4:BD:6F:0B:28
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\153\240\260\230\341\161\357\132\255\376\110\025\200\167\020\364
\275\157\013\050
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\046\051\370\155\341\210\277\242\145\177\252\304\315\017\177\374
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\176\365\077\223\375\245\011\041\262\246
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R1"
#
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:93:6f:31:b0:13:49:88:6b:a2:17
# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
D9:47:43:2A:BD:E7:B7:FA:90:FC:2E:6B:59:10:1B:12:80:E0:E1:C7:E4:E4:0F:A3:C6:88:7F:FF:57:A7:F4:CF
# Fingerprint (SHA1): E5:8C:1C:C4:91:3B:38:63:4B:E9:10:6E:E3:AD:8E:6B:9D:D9:81:4A

```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\223\157\061\260\023\111\210\153\242\027
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\127\060\202\003\077\240\003\002\001\002\002\015\002
\003\345\223\157\061\260\023\111\210\153\242\027\060\015\006\011
\052\206\110\206\367\015\001\001\014\005\000\060\107\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157
\164\040\122\061\060\036\027\015\061\066\060\066\062\062\060\060
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003
\023\013\107\124\123\040\122\157\157\164\040\122\061\060\202\002
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\266\021
\002\213\036\343\241\167\233\073\334\277\224\076\267\225\247\100
\074\241\375\202\371\175\062\006\202\161\366\366\214\177\373\350
\333\274\152\056\227\227\243\214\113\371\053\366\261\371\316\204
\035\261\371\305\227\336\357\271\362\243\351\274\022\211\136\247
\252\122\253\370\043\047\313\244\261\234\143\333\327\231\176\360
\012\136\353\150\246\364\306\132\107\015\115\020\063\343\116\261
\023\243\310\030\154\113\354\374\011\220\337\235\144\051\045\043
```

\007\241\264\322\075\056\140\340\317\322\011\207\273\315\110\360  
\115\302\302\172\210\212\273\272\317\131\031\326\257\217\260\007  
\260\236\061\361\202\301\300\337\056\246\155\154\031\016\265\330  
\176\046\032\105\003\075\260\171\244\224\050\255\017\177\046\345  
\250\010\376\226\350\074\150\224\123\356\203\072\210\053\025\226  
\011\262\340\172\214\056\165\326\234\353\247\126\144\217\226\117  
\150\256\075\227\302\204\217\300\274\100\300\013\134\275\366\207  
\263\065\154\254\030\120\177\204\340\114\315\222\323\040\351\063  
\274\122\231\257\062\265\051\263\045\052\264\110\371\162\341\312  
\144\367\346\202\020\215\350\235\302\212\210\372\070\146\212\374  
\143\371\001\371\170\375\173\134\167\372\166\207\372\354\337\261  
\016\171\225\127\264\275\046\357\326\001\321\353\026\012\273\216  
\013\265\305\305\212\125\253\323\254\352\221\113\051\314\031\244  
\062\045\116\052\361\145\104\320\002\316\252\316\111\264\352\237  
\174\203\260\100\173\347\103\253\247\154\243\217\175\211\201\372  
\114\245\377\325\216\303\316\113\340\265\330\263\216\105\317\166  
\300\355\100\053\375\123\017\260\247\325\073\015\261\212\242\003  
\336\061\255\314\167\352\157\173\076\326\337\221\042\022\346\276  
\372\330\062\374\020\143\024\121\162\336\135\326\026\223\275\051  
\150\063\357\072\146\354\007\212\046\337\023\327\127\145\170\047  
\336\136\111\024\000\242\000\177\232\250\041\266\251\261\225\260  
\245\271\015\026\021\332\307\154\110\074\100\340\176\015\132\315  
\126\074\321\227\005\271\313\113\355\071\113\234\304\077\322\125  
\023\156\044\260\326\161\372\364\301\272\314\355\033\365\376\201  
\101\330\000\230\075\072\310\256\172\230\067\030\005\225\002\003  
\001\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004  
\026\004\024\344\257\053\046\161\032\053\110\047\205\057\122\146  
\054\357\360\211\023\161\076\060\015\006\011\052\206\110\206\367  
\015\001\001\014\005\000\003\202\002\001\000\237\252\102\046\333  
\013\233\276\377\036\226\222\056\076\242\145\112\152\230\272\042  
\313\175\301\072\330\202\012\006\306\366\245\336\300\116\207\146  
\171\241\371\246\130\234\252\371\265\346\140\347\340\350\261\036  
\102\101\063\013\067\075\316\211\160\025\312\265\044\250\317\153  
\265\322\100\041\230\317\042\064\317\073\305\042\204\340\305\016  
\212\174\135\210\344\065\044\316\233\076\032\124\036\156\333\262  
\207\247\374\363\372\201\125\024\142\012\131\251\042\005\061\076  
\202\326\356\333\127\064\274\063\225\323\027\033\350\047\242\213  
\173\116\046\032\172\132\144\266\321\254\067\361\375\240\363\070  
\354\162\360\021\165\235\313\064\122\215\346\166\153\027\306\337  
\206\253\047\216\111\053\165\146\201\020\041\246\352\076\364\256  
\045\377\174\025\336\316\214\045\077\312\142\160\012\367\057\011  
\146\007\310\077\034\374\360\333\105\060\337\142\210\301\265\017  
\235\303\237\112\336\131\131\107\305\207\042\066\346\202\247\355  
\012\271\342\007\240\215\173\172\112\074\161\322\342\003\241\037  
\062\007\335\033\344\102\316\014\000\105\141\200\265\013\040\131  
\051\170\275\371\125\313\143\305\074\114\364\266\377\333\152\137

```
\061\153\231\236\054\301\153\120\244\327\346\030\024\275\205\077
\147\253\106\237\240\377\102\247\072\177\134\313\135\260\160\035
\053\064\365\324\166\011\014\353\170\114\131\005\363\063\102\303
\141\025\020\033\167\115\316\042\214\324\205\362\105\175\267\123
\352\357\100\132\224\012\134\040\137\116\100\135\142\042\166\337
\377\316\141\275\214\043\170\322\067\002\340\216\336\321\021\067
\211\366\277\355\111\007\142\256\222\354\100\032\257\024\011\331
\320\116\262\242\367\276\356\356\330\377\334\032\055\336\270\066
\161\342\374\171\267\224\045\321\110\163\133\241\065\347\263\231
\147\165\301\031\072\053\107\116\323\102\216\375\061\310\026\146
\332\322\014\074\333\263\216\311\241\015\200\017\173\026\167\024
\277\377\333\011\224\262\223\274\040\130\025\351\333\161\103\363
\336\020\303\000\334\250\052\225\266\302\326\077\220\153\166\333
\154\376\214\274\362\160\065\014\334\231\031\065\334\327\310\106
\143\325\066\161\256\127\373\267\202\155\334
```

END

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

# Trust for "GTS Root R1"

# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US

# Serial Number:02:03:e5:93:6f:31:b0:13:49:88:6b:a2:17

# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

D9:47:43:2A:BD:E7:B7:FA:90:FC:2E:6B:59:10:1B:12:80:E0:E1:C7:E4:E4:0F:A3:C6:88:7F:FF:57:A7:F4:CF

# Fingerprint (SHA1): E5:8C:1C:C4:91:3B:38:63:4B:E9:10:6E:E3:AD:8E:6B:9D:D9:81:4A

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GTS Root R1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\345\214\034\304\221\073\070\143\113\351\020\156\343\255\216\153
\235\331\201\112
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\005\376\320\277\161\250\243\166\143\332\001\340\330\122\334\100
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\223\157\061\260\023\111\210\153\242\027
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R2"
#
# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:ae:c5:8d:04:25:1a:ab:11:25:aa
# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
8D:25:CD:97:22:9D:BF:70:35:6B:DA:4E:B3:CC:73:40:31:E2:4C:F0:0F:AF:CF:D3:2D:C7:6E:B5:84:1C:7E:A8
# Fingerprint (SHA1): 9A:44:49:76:32:DB:DE:FA:D0:BC:FB:5A:7B:17:BD:9E:56:09:24:94
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\256\305\215\004\045\032\253\021\045\252
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\127\060\202\003\077\240\003\002\001\002\002\015\002
\003\345\256\305\215\004\045\032\253\021\045\252\060\015\006\011
\052\206\110\206\367\015\001\001\014\005\000\060\107\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003

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\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163  
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024  
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157  
\164\040\122\062\060\036\027\015\061\066\060\066\062\062\060\060  
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060  
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157  
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151  
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003  
\023\013\107\124\123\040\122\157\157\164\040\122\062\060\202\002  
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\316\336  
\375\246\373\354\354\024\064\074\007\006\132\154\131\367\031\065  
\335\367\301\235\125\252\323\315\073\244\223\162\357\012\372\155  
\235\366\360\205\200\133\241\110\122\237\071\305\267\356\050\254  
\357\313\166\150\024\271\337\255\001\154\231\037\304\042\035\237  
\376\162\167\340\054\133\257\344\004\277\117\162\240\032\064\230  
\350\071\150\354\225\045\173\166\241\346\151\271\205\031\275\211  
\214\376\255\355\066\352\163\274\377\203\342\313\175\301\322\316  
\112\263\215\005\236\213\111\223\337\301\133\320\156\136\360\056  
\060\056\202\374\372\274\264\027\012\110\345\210\233\305\233\153  
\336\260\312\264\003\360\332\364\220\270\145\144\367\134\114\255  
\350\176\146\136\231\327\270\302\076\310\320\023\235\255\356\344  
\105\173\211\125\367\212\037\142\122\204\022\263\302\100\227\343  
\212\037\107\221\246\164\132\322\370\261\143\050\020\270\263\011  
\270\126\167\100\242\046\230\171\306\376\337\045\356\076\345\240  
\177\324\141\017\121\113\074\077\214\332\341\160\164\330\302\150  
\241\371\301\014\351\241\342\177\273\125\074\166\006\356\152\116  
\314\222\210\060\115\232\275\117\013\110\232\204\265\230\243\325  
\373\163\301\127\141\335\050\126\165\023\256\207\216\347\014\121  
\011\020\165\210\114\274\215\371\173\074\324\042\110\037\052\334  
\353\153\273\104\261\313\063\161\062\106\257\255\112\361\214\350  
\164\072\254\347\032\042\163\200\322\060\367\045\102\307\042\073  
\073\022\255\226\056\306\303\166\007\252\040\267\065\111\127\351  
\222\111\350\166\026\162\061\147\053\226\176\212\243\307\224\126  
\042\277\152\113\176\001\041\262\043\062\337\344\232\104\155\131  
\133\135\365\000\240\034\233\306\170\227\215\220\377\233\310\252  
\264\257\021\121\071\136\331\373\147\255\325\133\021\235\062\232  
\033\275\325\272\133\245\311\313\045\151\123\125\047\134\340\312  
\066\313\210\141\373\036\267\320\313\356\026\373\323\246\114\336  
\222\245\324\342\337\365\006\124\336\056\235\113\264\223\060\252  
\201\316\335\032\334\121\163\015\117\160\351\345\266\026\041\031  
\171\262\346\211\013\165\144\312\325\253\274\011\301\030\241\377  
\324\124\241\205\074\375\024\044\003\262\207\323\244\267\002\003  
\001\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004  
\026\004\024\273\377\312\216\043\237\117\231\312\333\342\150\246

\245\025\047\027\036\331\016\060\015\006\011\052\206\110\206\367  
\015\001\001\014\005\000\003\202\002\001\000\037\312\316\335\307  
\276\241\237\331\047\114\013\334\027\230\021\152\210\336\075\346  
\161\126\162\262\236\032\116\234\325\053\230\044\135\233\153\173  
\260\063\202\011\275\337\045\106\352\230\236\266\033\376\203\074  
\322\142\141\301\004\355\316\340\305\311\310\023\023\125\347\250  
\143\255\214\173\001\376\167\060\341\316\150\233\005\370\022\356  
\171\061\240\101\105\065\050\012\161\244\044\117\214\334\074\202  
\007\137\146\334\175\020\376\014\141\263\005\225\356\341\256\201  
\017\250\370\307\217\115\250\043\002\046\153\035\203\122\125\316  
\265\057\000\312\200\100\340\341\164\254\140\365\207\200\235\256  
\066\144\221\135\260\150\030\352\212\141\311\167\250\227\304\311  
\307\245\374\125\113\363\360\177\271\145\075\047\150\320\314\153  
\372\123\235\341\221\032\311\135\032\226\155\062\207\355\003\040  
\310\002\316\132\276\331\352\375\262\115\304\057\033\337\137\172  
\365\370\213\306\356\061\072\045\121\125\147\215\144\062\173\351  
\236\303\202\272\052\055\351\036\264\340\110\006\242\374\147\257  
\037\042\002\163\373\040\012\257\235\124\113\241\315\377\140\107  
\260\077\135\357\033\126\275\227\041\226\055\012\321\136\235\070  
\002\107\154\271\364\366\043\045\270\240\152\232\053\167\010\372  
\304\261\050\220\046\130\010\074\342\176\252\327\075\157\272\061  
\210\012\005\353\047\265\241\111\356\240\105\124\173\346\047\145  
\231\040\041\250\243\274\373\030\226\273\122\157\014\355\203\121  
\114\351\131\342\040\140\305\302\145\222\202\214\363\020\037\016  
\212\227\276\167\202\155\077\217\035\135\274\111\047\275\314\117  
\017\341\316\166\206\004\043\305\300\214\022\133\375\333\204\240  
\044\361\110\377\144\174\320\276\134\026\321\357\231\255\300\037  
\373\313\256\274\070\042\006\046\144\332\332\227\016\077\050\025  
\104\250\117\000\312\360\232\314\317\164\152\264\076\074\353\225  
\354\265\323\132\330\201\231\351\103\030\067\353\263\273\321\130  
\142\101\363\146\322\217\252\170\225\124\040\303\132\056\164\053  
\325\321\276\030\151\300\254\325\244\317\071\272\121\204\003\145  
\351\142\300\142\376\330\115\125\226\342\320\021\372\110\064\021  
\354\236\355\005\035\344\310\326\035\206\313

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GTS Root R2"

# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US

# Serial Number:02:03:e5:ae:c5:8d:04:25:1a:ab:11:25:aa

# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

8D:25:CD:97:22:9D:BF:70:35:6B:DA:4E:B3:CC:73:40:31:E2:4C:F0:0F:AF:CF:D3:2D:C7:6E:B5:84:1C:7E:A8

# Fingerprint (SHA1): 9A:44:49:76:32:DB:DE:FA:D0:BC:FB:5A:7B:17:BD:9E:56:09:24:94

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CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\232\104\111\166\062\333\336\372\320\274\373\132\173\027\275\236
\126\011\044\224
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\036\071\300\123\346\036\051\202\013\312\122\125\066\135\127\334
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\256\305\215\004\045\032\253\021\045\252
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R3"
#
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:b8:82:eb:20:f8:25:27:6d:3d:66
# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
34:D8:A7:3E:E2:08:D9:BC:DB:0D:95:65:20:93:4B:4E:40:E6:94:82:59:6E:8B:6F:73:C8:42:6B:01:0A:6F:48
# Fingerprint (SHA1): ED:E5:71:80:2B:C8:92:B9:5B:83:3C:D2:32:68:3F:09:CD:A0:1E:46
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040

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\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145  
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040  
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\015\002\003\345\270\202\353\040\370\045\047\155\075\146

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\011\060\202\001\216\240\003\002\001\002\002\015\002  
\003\345\270\202\353\040\370\045\047\155\075\146\060\012\006\010  
\052\206\110\316\075\004\003\003\060\107\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012  
\023\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123  
\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006  
\003\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122  
\063\060\036\027\015\061\066\060\066\062\062\060\060\060\060  
\060\132\027\015\063\066\060\066\062\062\060\060\060\060\060  
\132\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154  
\145\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163  
\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107  
\124\123\040\122\157\157\164\040\122\063\060\166\060\020\006\007  
\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142  
\000\004\037\117\063\207\063\051\212\241\204\336\313\307\041\130  
\101\211\352\126\235\053\113\205\306\035\114\047\274\177\046\121  
\162\157\342\237\326\243\312\314\105\024\106\213\255\357\176\206  
\214\354\261\176\057\377\251\161\235\030\204\105\004\101\125\156  
\053\352\046\177\273\220\001\343\113\031\272\344\124\226\105\011  
\261\325\154\221\104\255\204\023\216\232\214\015\200\014\062\366  
\340\047\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\301\361\046\272\240\055\256\205\201\317\323\361\052\022  
\275\270\012\147\375\274\060\012\006\010\052\206\110\316\075\004  
\003\003\003\151\000\060\146\002\061\000\366\341\040\225\024\173  
\124\243\220\026\021\277\204\310\352\157\153\027\236\036\106\230  
\040\233\237\323\015\331\254\323\057\315\174\370\133\056\125\273  
\277\335\222\367\244\014\334\061\341\242\002\061\000\374\227\146  
\146\345\103\026\023\203\335\307\337\057\276\024\070\355\001\316  
\261\027\032\021\165\351\275\003\217\046\176\204\345\311\140\246  
\225\327\124\131\267\347\021\054\211\324\271\356\027

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END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "GTS Root R3"
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:b8:82:eb:20:f8:25:27:6d:3d:66
# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
34:D8:A7:3E:E2:08:D9:BC:DB:0D:95:65:20:93:4B:4E:40:E6:94:82:59:6E:8B:6F:73:C8:42:6B:01:0A:6F:48
# Fingerprint (SHA1): ED:E5:71:80:2B:C8:92:B9:5B:83:3C:D2:32:68:3F:09:CD:A0:1E:46
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\35\34\161\200\053\310\222\271\133\203\074\322\062\150\077\011
\315\240\036\106
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\347\235\130\002\224\106\121\224\345\340\042\112\213\347\163
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\270\202\353\040\370\045\047\155\075\146
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R4"
#
# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:c0:68:ef:63:1a:9c:72:90:50:52
# Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016

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# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
34:9D:FA:40:58:C5:E2:63:12:3B:39:8A:E7:95:57:3C:4E:13:13:C8:3F:E6:8F:93:55:6C:D5:E8:03:1B:3C:7D
# Fingerprint (SHA1): 77:D3:03:67:B5:E0:0C:15:F6:0C:38:61:DF:7C:E1:3B:92:46:4D:47
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\300\150\357\143\032\234\162\220\120\122
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\011\060\202\001\216\240\003\002\001\002\002\015\002
\003\345\300\150\357\143\032\234\162\220\120\122\060\012\006\010
\052\206\110\316\075\004\003\003\060\107\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012
\023\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123
\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006
\003\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122
\064\060\036\027\015\061\066\060\066\062\062\060\060\060\060\060
\060\132\027\015\063\066\060\066\062\062\060\060\060\060\060\060
\132\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154
\145\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163
\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107
\124\123\040\122\157\157\164\040\122\064\060\166\060\020\006\007
\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142
\000\004\363\164\163\247\150\213\140\256\103\270\065\305\201\060
\173\113\111\235\373\301\141\316\346\336\106\275\153\325\141\030
\065\256\100\335\163\367\211\221\060\132\353\074\356\205\174\242
\100\166\073\251\306\270\107\330\052\347\222\221\152\163\351\261
```

```
\162\071\237\051\237\242\230\323\137\136\130\206\145\017\241\204
\145\006\321\334\213\311\307\163\310\214\152\057\345\304\253\321
\035\212\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\200\114\326\353\164\377\111\066\243\325\330\374\265\076
\305\152\360\224\035\214\060\012\006\010\052\206\110\316\075\004
\003\003\003\151\000\060\146\002\061\000\350\100\377\203\336\003
\364\237\256\035\172\247\056\271\257\117\366\203\035\016\055\205
\001\035\321\331\152\354\017\302\257\307\136\126\136\134\325\034
\130\042\050\013\367\060\266\057\261\174\002\061\000\360\141\074
\247\364\240\202\343\041\325\204\035\163\206\234\055\257\312\064
\233\361\237\271\043\066\342\274\140\003\235\200\263\232\126\310
\341\342\273\024\171\312\315\041\324\224\265\111\103
```

END

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

# Trust for "GTS Root R4"

# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US

# Serial Number:02:03:e5:c0:68:ef:63:1a:9c:72:90:50:52

# Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

34:9D:FA:40:58:C5:E2:63:12:3B:39:8A:E7:95:57:3C:4E:13:13:C8:3F:E6:8F:93:55:6C:D5:E8:03:1B:3C:7D

# Fingerprint (SHA1): 77:D3:03:67:B5:E0:0C:15:F6:0C:38:61:DF:7C:E1:3B:92:46:4D:47

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GTS Root R4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\167\323\003\147\265\340\014\025\366\014\070\141\337\174\341\073
\222\106\115\107
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\103\226\203\167\031\115\166\263\235\145\122\344\035\042\245\350
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```

\002\015\002\003\345\300\150\357\143\032\234\162\220\120\122
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Telia Root CA v2"
#
# Issuer: CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI
# Serial Number:01:67:5f:27:d6:fe:7a:e3:e4:ac:be:09:5b:05:9e
# Subject: CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI
# Not Valid Before: Thu Nov 29 11:55:54 2018
# Not Valid After : Sun Nov 29 11:55:54 2043
# Fingerprint (SHA-256):
24:2B:69:74:2F:CB:1E:5B:2A:BF:98:89:8B:94:57:21:87:54:4E:5B:4D:99:11:78:65:73:62:1F:6A:74:B8:2C
# Fingerprint (SHA1): B9:99:CD:D1:73:50:8A:C4:47:05:08:9C:8C:88:FB:BE:A0:2B:40:CD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Telia Root CA v2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\032\060\030\006\003\125\004\012\014\021\124\145\154\151\141\040
\106\151\156\154\141\156\144\040\117\171\152\061\031\060\027\006
\003\125\004\003\014\020\124\145\154\151\141\040\122\157\157\164
\040\103\101\040\166\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\032\060\030\006\003\125\004\012\014\021\124\145\154\151\141\040
\106\151\156\154\141\156\144\040\117\171\152\061\031\060\027\006
\003\125\004\003\014\020\124\145\154\151\141\040\122\157\157\164
\040\103\101\040\166\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\001\147\137\047\326\376\172\343\344\254\276\011\133\005
\236
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\164\060\202\003\134\240\003\002\001\002\002\017\001
\147\137\047\326\376\172\343\344\254\276\011\133\005\236\060\015
\006\011\052\206\110\206\367\015\001\001\013\005\000\060\104\061
\013\060\011\006\003\125\004\006\023\002\106\111\061\032\060\030

```

\006\003\125\004\012\014\021\124\145\154\151\141\040\106\151\156  
\154\141\156\144\040\117\171\152\061\031\060\027\006\003\125\004  
\003\014\020\124\145\154\151\141\040\122\157\157\164\040\103\101  
\040\166\062\060\036\027\015\061\070\061\061\062\071\061\061\065  
\065\065\064\132\027\015\064\063\061\061\062\071\061\061\065\065  
\065\064\132\060\104\061\013\060\011\006\003\125\004\006\023\002  
\106\111\061\032\060\030\006\003\125\004\012\014\021\124\145\154  
\151\141\040\106\151\156\154\141\156\144\040\117\171\152\061\031  
\060\027\006\003\125\004\003\014\020\124\145\154\151\141\040\122  
\157\157\164\040\103\101\040\166\062\060\202\002\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017  
\000\060\202\002\012\002\202\002\001\000\262\320\077\007\274\342  
\173\320\153\231\370\342\167\151\347\316\235\244\003\274\202\155  
\241\376\201\145\037\114\047\254\216\000\272\026\173\353\060\152  
\000\300\263\164\150\176\262\257\307\325\142\263\172\077\120\312  
\214\066\104\044\143\322\066\351\014\205\366\103\166\325\114\241  
\140\162\147\342\050\063\245\313\061\270\072\042\043\064\270\175  
\275\126\042\100\235\352\364\173\003\255\150\374\262\201\117\230  
\320\164\352\215\345\175\315\143\303\243\366\336\222\302\130\031  
\340\226\273\305\304\251\075\245\164\226\376\257\371\211\252\275  
\225\027\124\330\170\104\361\014\167\025\222\340\230\102\247\244  
\326\252\040\222\315\301\240\263\226\262\072\204\102\215\175\325  
\225\344\326\333\351\142\304\130\263\171\305\214\323\065\063\203  
\237\165\241\122\047\141\070\361\131\075\216\120\340\275\171\074  
\347\154\226\376\136\331\002\145\264\216\134\320\021\064\337\135  
\277\122\247\201\000\303\177\231\105\231\025\325\027\310\012\123  
\354\143\363\231\175\314\151\022\206\302\027\360\001\236\277\204  
\274\321\122\313\033\222\146\316\244\123\345\241\277\304\333\011  
\326\346\211\126\053\310\343\174\336\343\377\211\345\065\156\050  
\350\154\013\043\121\251\045\005\353\110\370\335\261\312\372\154  
\010\121\357\267\030\154\104\312\046\341\163\306\211\006\201\345  
\212\254\260\342\051\306\271\044\263\153\104\021\364\245\103\302  
\114\103\345\160\066\214\266\063\127\172\225\056\202\240\364\134  
\020\263\141\203\366\002\005\206\056\174\055\154\334\003\106\156  
\065\223\325\172\225\057\336\040\330\133\176\224\220\004\152\272  
\131\075\004\005\165\235\067\242\016\056\075\353\301\244\122\203  
\376\320\153\324\146\216\334\306\351\022\116\035\052\127\252\020  
\274\174\136\202\175\246\246\311\362\055\271\365\027\047\255\321  
\016\211\124\053\225\372\300\255\035\230\024\170\063\102\206\012  
\251\163\265\373\164\015\267\033\060\031\304\132\016\034\047\267  
\332\030\320\377\212\310\005\272\361\252\034\242\067\267\346\110  
\244\106\054\224\352\250\166\142\107\213\020\123\007\110\127\154  
\342\222\115\266\256\005\313\334\301\112\136\217\254\075\031\116  
\302\355\140\165\053\333\301\312\102\325\002\003\001\000\001\243  
\143\060\141\060\037\006\003\125\035\043\004\030\060\026\200\024  
\162\254\344\063\171\252\105\207\366\375\254\035\236\326\307\057  
\206\330\044\071\060\035\006\003\125\035\016\004\026\004\024\162  
\254\344\063\171\252\105\207\366\375\254\035\236\326\307\057\206

\330\044\071\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\002\001\000\240\073\131\247\011\224\076\066  
\204\322\176\057\071\245\226\227\372\021\255\374\147\363\161\011  
\362\262\211\204\147\104\257\271\357\355\226\354\234\144\333\062  
\060\157\147\232\254\176\137\262\253\001\066\176\201\372\344\204  
\136\322\254\066\340\153\142\305\175\113\016\202\155\322\166\142  
\321\376\227\370\237\060\174\030\371\264\122\167\202\035\166\333  
\323\035\251\360\301\232\000\275\155\165\330\175\347\372\307\070  
\243\234\160\350\106\171\003\257\056\164\333\165\370\156\123\014  
\003\310\231\032\211\065\031\074\323\311\124\174\250\360\054\346  
\156\007\171\157\152\341\346\352\221\202\151\012\035\303\176\131  
\242\236\153\106\025\230\133\323\257\106\035\142\310\316\200\122  
\111\021\077\311\004\022\303\023\174\077\073\212\226\333\074\240  
\036\012\264\213\124\262\044\147\015\357\202\313\276\074\175\321  
\342\177\256\026\326\126\130\271\332\040\261\203\025\241\357\212  
\115\062\157\101\057\023\122\202\224\327\032\301\170\242\121\335  
\053\160\155\267\032\371\367\260\340\147\227\126\333\174\141\123  
\011\003\050\002\100\307\263\330\375\234\160\152\306\050\303\205  
\351\342\355\032\223\240\336\113\230\242\204\076\005\167\001\226  
\075\373\264\040\017\234\162\002\172\022\057\325\243\272\121\170  
\257\052\053\104\145\116\265\375\012\350\301\315\171\207\141\053  
\336\200\127\105\277\147\361\233\221\136\245\244\354\131\110\020  
\015\070\307\260\372\303\104\155\004\365\170\120\034\222\226\133  
\332\365\270\056\272\133\317\345\360\152\235\113\057\130\163\055  
\117\055\304\034\076\364\263\077\253\025\016\073\031\101\212\244  
\301\127\022\146\161\114\372\123\343\127\353\142\225\011\236\124  
\335\321\302\074\127\074\275\070\255\230\144\267\270\003\232\123  
\126\140\135\263\330\102\033\134\113\022\212\034\353\353\175\306  
\172\151\307\047\177\244\370\213\362\344\224\146\207\113\351\224  
\007\011\022\171\212\262\353\164\004\334\316\364\104\131\340\026  
\312\305\054\130\327\074\173\317\142\206\152\120\175\065\066\146  
\247\373\067\347\050\307\330\320\255\245\151\224\217\350\301\337  
\044\370\033\007\061\207\201\330\135\366\350\050\330\112\122\200  
\254\023\356\120\024\036\230\307

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Telia Root CA v2"  
# Issuer: CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI  
# Serial Number:01:67:5f:27:d6:fe:7a:e3:e4:ac:be:09:5b:05:9e  
# Subject: CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI  
# Not Valid Before: Thu Nov 29 11:55:54 2018  
# Not Valid After : Sun Nov 29 11:55:54 2043  
# Fingerprint (SHA-256):

```
24:2B:69:74:2F:CB:1E:5B:2A:BF:98:89:8B:94:57:21:87:54:4E:5B:4D:99:11:78:65:73:62:1F:6A:74:B8:2C
# Fingerprint (SHA1): B9:99:CD:D1:73:50:8A:C4:47:05:08:9C:8C:88:FB:BE:A0:2B:40:CD
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Telia Root CA v2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\271\231\315\321\163\120\212\304\107\005\010\234\214\210\373\276
\240\053\100\315
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\016\217\254\252\202\337\205\261\364\334\020\034\374\231\331\110
END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\032\060\030\006\003\125\004\012\014\021\124\145\154\151\141\040
\106\151\156\154\141\156\144\040\117\171\152\061\031\060\027\006
\003\125\004\003\014\020\124\145\154\151\141\040\122\157\157\164
\040\103\101\040\166\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\001\147\137\047\326\376\172\343\344\254\276\011\133\005
\236
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "D-TRUST BR Root CA 1 2020"
#
# Issuer: CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE
# Serial Number:7c:c9:8f:2b:84:d7:df:ea:0f:c9:65:9a:d3:4b:4d:96
# Subject: CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE
# Not Valid Before: Tue Feb 11 09:45:00 2020
# Not Valid After : Sun Feb 11 09:44:59 2035
# Fingerprint (SHA-256):
E5:9A:AA:81:60:09:C2:2B:FF:5B:25:BA:D3:7D:F3:06:F0:49:79:7C:1F:81:D8:5A:B0:89:E6:57:BD:8F:00:44
# Fingerprint (SHA1): 1F:5B:98:F0:E3:B5:F7:74:3C:ED:E6:B0:36:7D:32:CD:F4:09:41:67
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST BR Root CA 1 2020"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
```

\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023  
\031\104\055\124\122\125\123\124\040\102\122\040\122\157\157\164  
\040\103\101\040\061\040\062\060\062\060

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023  
\031\104\055\124\122\125\123\124\040\102\122\040\122\157\157\164  
\040\103\101\040\061\040\062\060\062\060

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\174\311\217\053\204\327\337\352\017\311\145\232\323\113  
\115\226

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\333\060\202\002\140\240\003\002\001\002\002\020\174  
\311\217\053\204\327\337\352\017\311\145\232\323\113\115\226\060  
\012\006\010\052\206\110\316\075\004\003\003\060\110\061\013\060  
\011\006\003\125\004\006\023\002\104\105\061\025\060\023\006\003  
\125\004\012\023\014\104\055\124\162\165\163\164\040\107\155\142  
\110\061\042\060\040\006\003\125\004\003\023\031\104\055\124\122  
\125\123\124\040\102\122\040\122\157\157\164\040\103\101\040\061  
\040\062\060\062\060\060\036\027\015\062\060\060\062\061\061\060  
\071\064\065\060\060\132\027\015\063\065\060\062\061\061\060\071  
\064\064\065\071\132\060\110\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\025\060\023\006\003\125\004\012\023\014\104  
\055\124\162\165\163\164\040\107\155\142\110\061\042\060\040\006  
\003\125\004\003\023\031\104\055\124\122\125\123\124\040\102\122  
\040\122\157\157\164\040\103\101\040\061\040\062\060\062\060\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\306\313\307\050\321\373\204\365\232  
\357\102\024\040\341\103\153\156\165\255\374\053\003\204\324\166  
\223\045\327\131\073\101\145\153\036\346\064\052\273\164\366\022  
\316\350\155\347\253\344\074\116\077\104\010\213\315\026\161\313  
\277\222\231\364\244\327\074\120\124\122\220\205\203\170\224\147  
\147\243\034\011\031\075\165\064\205\336\355\140\175\307\014\264  
\101\122\271\156\345\356\102\243\202\001\015\060\202\001\011\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\163\221\020\253\377  
\125\263\132\174\011\045\325\262\272\010\240\153\253\037\155\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\201\306\006\003\125\035\037\004\201\276\060\201\273\060\076\240  
\074\240\072\206\070\150\164\164\160\072\057\057\143\162\154\056  
\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154\057

\144\055\164\162\165\163\164\137\142\162\137\162\157\157\164\137  
\143\141\137\061\137\062\060\062\060\056\143\162\154\060\171\240  
\167\240\165\206\163\154\144\141\160\072\057\057\144\151\162\145  
\143\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145  
\164\057\103\116\075\104\055\124\122\125\123\124\045\062\060\102  
\122\045\062\060\122\157\157\164\045\062\060\103\101\045\062\060  
\061\045\062\060\062\060\062\060\054\117\075\104\055\124\162\165  
\163\164\045\062\060\107\155\142\110\054\103\075\104\105\077\143  
\145\162\164\151\146\151\143\141\164\145\162\145\166\157\143\141  
\164\151\157\156\154\151\163\164\060\012\006\010\052\206\110\316  
\075\004\003\003\003\151\000\060\146\002\061\000\224\220\055\023  
\372\341\143\370\141\143\350\255\205\170\124\221\234\270\223\070  
\076\032\101\332\100\026\123\102\010\312\057\216\361\076\201\126  
\300\252\330\355\030\304\260\256\364\076\372\046\002\061\000\363  
\050\342\306\333\053\231\373\267\121\270\044\243\244\224\172\032  
\077\346\066\342\003\127\063\212\060\313\202\307\326\024\021\325  
\165\143\133\024\225\234\037\001\317\330\325\162\247\017\073

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST BR Root CA 1 2020"

# Issuer: CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE

# Serial Number:7c:c9:8f:2b:84:d7:df:ea:0f:c9:65:9a:d3:4b:4d:96

# Subject: CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE

# Not Valid Before: Tue Feb 11 09:45:00 2020

# Not Valid After : Sun Feb 11 09:44:59 2035

# Fingerprint (SHA-256):

E5:9A:AA:81:60:09:C2:2B:FF:5B:25:BA:D3:7D:F3:06:F0:49:79:7C:1F:81:D8:5A:B0:89:E6:57:BD:8F:00:44

# Fingerprint (SHA1): 1F:5B:98:F0:E3:B5:F7:74:3C:ED:E6:B0:36:7D:32:CD:F4:09:41:67

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "D-TRUST BR Root CA 1 2020"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\037\133\230\360\343\265\367\164\074\355\346\260\066\175\062\315  
\364\011\101\147

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\265\252\113\325\355\367\343\125\056\217\162\012\363\165\270\355

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023  
\031\104\055\124\122\125\123\124\040\102\122\040\122\157\157\164

```

\040\103\101\040\061\040\062\060\062\060
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\174\311\217\053\204\327\337\352\017\311\145\232\323\113
\115\226
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST EV Root CA 1 2020"
#
# Issuer: CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE
# Serial Number:5f:02:41:d7:7a:87:7c:4c:03:a3:ac:96:8d:fb:ff:d0
# Subject: CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE
# Not Valid Before: Tue Feb 11 10:00:00 2020
# Not Valid After : Sun Feb 11 09:59:59 2035
# Fingerprint (SHA-256):
08:17:0D:1A:A3:64:53:90:1A:2F:95:92:45:E3:47:DB:0C:8D:37:AB:AA:BC:56:B8:1A:A1:00:DC:95:89:70:DB
# Fingerprint (SHA1): 61:DB:8C:21:59:69:03:90:D8:7C:9C:12:86:54:CF:9D:3D:F4:DD:07
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST EV Root CA 1 2020"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023
\031\104\055\124\122\125\123\124\040\105\126\040\122\157\157\164
\040\103\101\040\061\040\062\060\062\060
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023
\031\104\055\124\122\125\123\124\040\105\126\040\122\157\157\164
\040\103\101\040\061\040\062\060\062\060
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\137\002\101\327\172\207\174\114\003\243\254\226\215\373
\377\320
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\002\333\060\202\002\140\240\003\002\001\002\002\020\137  
\002\101\327\172\207\174\114\003\243\254\226\215\373\377\320\060  
\012\006\010\052\206\110\316\075\004\003\003\060\110\061\013\060  
\011\006\003\125\004\006\023\002\104\105\061\025\060\023\006\003  
\125\004\012\023\014\104\055\124\162\165\163\164\040\107\155\142  
\110\061\042\060\040\006\003\125\004\003\023\031\104\055\124\122  
\125\123\124\040\105\126\040\122\157\157\164\040\103\101\040\061  
\040\062\060\062\060\060\036\027\015\062\060\060\062\061\061\061  
\060\060\060\060\060\132\027\015\063\065\060\062\061\061\060\071  
\065\071\065\071\132\060\110\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\025\060\023\006\003\125\004\012\023\014\104  
\055\124\162\165\163\164\040\107\155\142\110\061\042\060\040\006  
\003\125\004\003\023\031\104\055\124\122\125\123\124\040\105\126  
\040\122\157\157\164\040\103\101\040\061\040\062\060\062\060\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\361\013\335\206\103\040\031\337\227  
\205\350\042\112\233\317\235\230\277\264\005\046\311\313\343\246  
\322\217\305\236\170\173\061\211\251\211\255\047\074\145\020\202  
\374\337\303\235\116\360\063\043\304\322\062\365\034\260\337\063  
\027\135\305\360\261\212\371\357\271\267\024\312\051\112\302\017  
\251\177\165\145\111\052\060\147\364\144\367\326\032\167\332\303  
\302\227\141\102\173\111\255\243\202\001\015\060\202\001\011\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\177\020\001\026\067  
\072\244\050\344\120\370\244\367\354\153\062\266\376\351\213\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\201\306\006\003\125\035\037\004\201\276\060\201\273\060\076\240  
\074\240\072\206\070\150\164\164\160\072\057\057\143\162\154\056  
\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154\057  
\144\055\164\162\165\163\164\137\145\166\137\162\157\157\164\137  
\143\141\137\061\137\062\060\062\060\056\143\162\154\060\171\240  
\167\240\165\206\163\154\144\141\160\072\057\057\144\151\162\145  
\143\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145  
\164\057\103\116\075\104\055\124\122\125\123\124\045\062\060\105  
\126\045\062\060\122\157\157\164\045\062\060\103\101\045\062\060  
\061\045\062\060\062\060\062\060\054\117\075\104\055\124\162\165  
\163\164\045\062\060\107\155\142\110\054\103\075\104\105\077\143  
\145\162\164\151\146\151\143\141\164\145\162\145\166\157\143\141  
\164\151\157\156\154\151\163\164\060\012\006\010\052\206\110\316  
\075\004\003\003\003\151\000\060\146\002\061\000\312\074\306\052  
\165\302\136\165\142\071\066\000\140\132\213\301\223\231\314\331  
\333\101\073\073\207\231\027\073\325\314\117\312\042\367\240\200  
\313\371\264\261\033\126\365\162\322\374\031\321\002\061\000\221  
\367\060\223\077\020\106\053\161\244\320\073\104\233\300\051\002  
\005\262\101\167\121\363\171\132\236\216\024\240\116\102\322\133  
\201\363\064\152\003\347\042\070\120\133\355\031\117\103\026

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST EV Root CA 1 2020"

# Issuer: CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE

# Serial Number:5f:02:41:d7:7a:87:7c:4c:03:a3:ac:96:8d:fb:ff:d0

# Subject: CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE

# Not Valid Before: Tue Feb 11 10:00:00 2020

# Not Valid After : Sun Feb 11 09:59:59 2035

# Fingerprint (SHA-256):

08:17:0D:1A:A3:64:53:90:1A:2F:95:92:45:E3:47:DB:0C:8D:37:AB:AA:BC:56:B8:1A:A1:00:DC:95:89:70:DB

# Fingerprint (SHA1): 61:DB:8C:21:59:69:03:90:D8:7C:9C:12:86:54:CF:9D:3D:F4:DD:07

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "D-TRUST EV Root CA 1 2020"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\141\333\214\041\131\151\003\220\330\174\234\022\206\124\317\235

\075\364\335\007

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\214\055\235\160\237\110\231\021\006\021\373\351\313\060\300\156

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061

\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163

\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023

\031\104\055\124\122\125\123\124\040\105\126\040\122\157\157\164

\040\103\101\040\061\040\062\060\062\060

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\137\002\101\327\172\207\174\114\003\243\254\226\215\373

\377\320

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert TLS ECC P384 Root G5"

#

# Issuer: CN=DigiCert TLS ECC P384 Root G5,O="DigiCert, Inc.",C=US

# Serial Number:09:e0:93:65:ac:f7:d9:c8:b9:3e:1c:0b:04:2a:2e:f3

# Subject: CN=DigiCert TLS ECC P384 Root G5,O="DigiCert, Inc.",C=US

# Not Valid Before: Fri Jan 15 00:00:00 2021

# Not Valid After : Sun Jan 14 23:59:59 2046

```
# Fingerprint (SHA-256):
01:8E:13:F0:77:25:32:CF:80:9B:D1:B1:72:81:86:72:83:FC:48:C6:E1:3B:E9:C6:98:12:85:4A:49:0C:1B:05
# Fingerprint (SHA1): 17:F3:DE:5E:9F:0F:19:E9:8E:F6:1F:32:26:6E:20:C4:07:AE:30:EE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert TLS ECC P384 Root G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\046\060\044\006\003\125\004
\003\023\035\104\151\147\151\103\145\162\164\040\124\114\123\040
\105\103\103\040\120\063\070\064\040\122\157\157\164\040\107\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\046\060\044\006\003\125\004
\003\023\035\104\151\147\151\103\145\162\164\040\124\114\123\040
\105\103\103\040\120\063\070\064\040\122\157\157\164\040\107\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\011\340\223\145\254\367\331\310\271\076\034\013\004\052
\056\363
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\031\060\202\001\237\240\003\002\001\002\002\020\011
\340\223\145\254\367\331\310\271\076\034\013\004\052\056\363\060
\012\006\010\052\206\110\316\075\004\003\003\060\116\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003
\125\004\012\023\016\104\151\147\151\103\145\162\164\054\040\111
\156\143\056\061\046\060\044\006\003\125\004\003\023\035\104\151
\147\151\103\145\162\164\040\124\114\123\040\105\103\103\040\120
\063\070\064\040\122\157\157\164\040\107\065\060\036\027\015\062
\061\060\061\061\065\060\060\060\060\060\060\132\027\015\064\066
\060\061\061\064\062\063\065\071\065\071\132\060\116\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003
\125\004\012\023\016\104\151\147\151\103\145\162\164\054\040\111
\156\143\056\061\046\060\044\006\003\125\004\003\023\035\104\151
\147\151\103\145\162\164\040\124\114\123\040\105\103\103\040\120
\063\070\064\040\122\157\157\164\040\107\065\060\166\060\020\006
\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003
\142\000\004\301\104\241\317\021\227\120\232\336\043\202\065\007
\315\320\313\030\235\322\361\177\167\065\117\073\335\224\162\122
\355\302\073\370\354\372\173\153\130\040\354\231\256\311\374\150
```

```
\263\165\271\333\011\354\310\023\365\116\306\012\035\146\060\114
\273\037\107\012\074\141\020\102\051\174\245\010\016\340\042\351
\323\065\150\316\233\143\237\204\265\231\115\130\240\216\365\124
\347\225\311\243\102\060\100\060\035\006\003\125\035\016\004\026
\004\024\301\121\105\120\131\253\076\347\054\132\372\040\042\022
\007\200\210\174\021\152\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\012\006\010\052\206\110\316\075
\004\003\003\003\150\000\060\145\002\061\000\211\152\215\107\347
\354\374\156\125\003\331\147\154\046\116\203\306\375\311\373\053
\023\274\267\172\214\264\145\322\151\151\143\023\143\073\046\120
\056\001\241\171\006\221\235\110\277\302\276\002\060\107\303\025
\173\261\240\221\231\111\223\250\074\174\350\106\006\213\054\362
\061\000\224\235\142\310\211\275\031\204\024\351\245\373\001\270
\015\166\103\214\056\123\313\174\337\014\027\226\120
```

END

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

# Trust for "DigiCert TLS ECC P384 Root G5"

# Issuer: CN=DigiCert TLS ECC P384 Root G5,O="DigiCert, Inc.",C=US

# Serial Number:09:e0:93:65:ac:f7:d9:c8:b9:3e:1c:0b:04:2a:2e:f3

# Subject: CN=DigiCert TLS ECC P384 Root G5,O="DigiCert, Inc.",C=US

# Not Valid Before: Fri Jan 15 00:00:00 2021

# Not Valid After : Sun Jan 14 23:59:59 2046

# Fingerprint (SHA-256):

01:8E:13:F0:77:25:32:CF:80:9B:D1:B1:72:81:86:72:83:FC:48:C6:E1:3B:E9:C6:98:12:85:4A:49:0C:1B:05

# Fingerprint (SHA1): 17:F3:DE:5E:9F:0F:19:E9:8E:F6:1F:32:26:6E:20:C4:07:AE:30:EE

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert TLS ECC P384 Root G5"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\027\363\336\136\237\017\031\351\216\366\037\062\046\156\040\304
\007\256\060\356
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\323\161\004\152\103\034\333\246\131\341\250\243\252\305\161\355
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\116\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\046\060\044\006\003\125\004
\003\023\035\104\151\147\151\103\145\162\164\040\124\114\123\040
\105\103\103\040\120\063\070\064\040\122\157\157\164\040\107\065
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\011\340\223\145\254\367\331\310\271\076\034\013\004\052
\056\363
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert TLS RSA4096 Root G5"
#
# Issuer: CN=DigiCert TLS RSA4096 Root G5,O="DigiCert, Inc.",C=US
# Serial Number:08:f9:b4:78:a8:fa:7e:da:6a:33:37:89:de:7c:cf:8a
# Subject: CN=DigiCert TLS RSA4096 Root G5,O="DigiCert, Inc.",C=US
# Not Valid Before: Fri Jan 15 00:00:00 2021
# Not Valid After : Sun Jan 14 23:59:59 2046
# Fingerprint (SHA-256):
37:1A:00:DC:05:33:B3:72:1A:7E:EB:40:E8:41:9E:70:79:9D:2B:0A:0F:2C:1D:80:69:31:65:F7:CE:C4:AD:75
# Fingerprint (SHA1): A7:88:49:DC:5D:7C:75:8C:8C:DE:39:98:56:B3:AA:D0:B2:A5:71:35
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert TLS RSA4096 Root G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\045\060\043\006\003\125\004
\003\023\034\104\151\147\151\103\145\162\164\040\124\114\123\040
\122\123\101\064\060\071\066\040\122\157\157\164\040\107\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\045\060\043\006\003\125\004
\003\023\034\104\151\147\151\103\145\162\164\040\124\114\123\040
\122\123\101\064\060\071\066\040\122\157\157\164\040\107\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\371\264\170\250\372\176\332\152\063\067\211\336\174
\317\212
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\146\060\202\003\116\240\003\002\001\002\002\020\010
\371\264\170\250\372\176\332\152\063\067\211\336\174\317\212\060

```

\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\115  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027\060  
\025\006\003\125\004\012\023\016\104\151\147\151\103\145\162\164  
\054\040\111\156\143\056\061\045\060\043\006\003\125\004\003\023  
\034\104\151\147\151\103\145\162\164\040\124\114\123\040\122\123  
\101\064\060\071\066\040\122\157\157\164\040\107\065\060\036\027  
\015\062\061\060\061\061\065\060\060\060\060\060\132\027\015  
\064\066\060\061\061\064\062\063\065\071\065\071\132\060\115\061  
\013\060\011\006\003\125\004\006\023\002\125\123\061\027\060\025  
\006\003\125\004\012\023\016\104\151\147\151\103\145\162\164\054  
\040\111\156\143\056\061\045\060\043\006\003\125\004\003\023\034  
\104\151\147\151\103\145\162\164\040\124\114\123\040\122\123\101  
\064\060\071\066\040\122\157\157\164\040\107\065\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\263\320\364  
\311\171\021\235\375\374\146\201\347\314\325\344\274\354\201\076  
\152\065\216\056\267\347\336\257\371\007\115\317\060\235\352\011  
\013\231\275\154\127\332\030\112\270\170\254\072\071\250\246\110  
\254\056\162\345\275\353\361\032\315\347\244\003\251\077\021\264  
\330\057\211\026\373\224\001\075\273\057\370\023\005\241\170\034  
\216\050\340\105\340\203\364\131\033\225\263\256\176\003\105\345  
\276\302\102\376\356\362\074\266\205\023\230\062\235\026\250\051  
\302\013\034\070\334\237\061\167\134\277\047\243\374\047\254\267  
\053\275\164\233\027\055\362\201\332\135\260\341\043\027\076\210  
\112\022\043\320\352\317\235\336\003\027\261\102\112\240\026\114  
\244\155\223\351\077\072\356\072\174\235\130\235\364\116\217\374  
\073\043\310\155\270\342\005\332\314\353\354\303\061\364\327\247  
\051\124\200\317\104\133\114\157\060\236\363\314\335\037\224\103  
\235\115\177\160\160\015\324\072\321\067\360\154\235\233\300\024  
\223\130\357\315\101\070\165\274\023\003\225\174\177\343\134\351  
\325\015\325\342\174\020\142\252\153\360\075\166\363\077\243\350  
\260\301\375\357\252\127\115\254\206\247\030\264\051\301\054\016  
\277\144\276\051\214\330\002\055\315\134\057\362\177\357\025\364  
\014\025\254\012\260\361\323\015\117\152\115\167\227\001\240\361  
\146\267\267\316\357\316\354\354\245\165\312\254\343\341\143\367  
\270\241\004\310\274\173\077\135\055\026\042\126\355\110\111\376  
\247\057\171\060\045\233\272\153\055\077\235\073\304\027\347\035  
\056\373\362\317\246\374\343\024\054\226\230\041\214\264\221\351  
\031\140\203\362\060\053\006\163\120\325\230\073\006\351\307\212  
\014\140\214\050\370\122\233\156\341\366\115\273\006\044\233\327  
\053\046\077\375\052\057\161\365\326\044\276\177\061\236\017\155  
\350\217\117\115\243\077\377\065\352\337\111\136\101\217\206\371  
\361\167\171\113\033\264\243\136\057\373\106\002\320\146\023\136  
\136\205\117\316\330\160\210\173\316\001\265\226\227\327\315\175  
\375\202\370\302\044\301\312\001\071\117\215\242\301\024\100\037  
\234\146\325\014\011\106\326\362\320\321\110\166\126\072\103\313  
\266\012\021\071\272\214\023\154\006\265\236\317\353\002\003\001  
\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004

\024\121\063\034\355\066\100\257\027\323\045\315\151\150\362\257  
\116\043\076\263\101\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\015\006\011\052\206\110\206\367\015  
\001\001\014\005\000\003\202\002\001\000\140\246\257\133\137\127  
\332\211\333\113\120\251\304\043\065\041\377\320\141\060\204\221  
\267\077\020\317\045\216\311\277\106\064\331\301\041\046\034\160  
\031\162\036\243\311\207\376\251\103\144\226\072\310\123\004\012  
\266\101\273\304\107\000\331\237\030\030\073\262\016\363\064\352  
\044\367\335\257\040\140\256\222\050\137\066\347\135\344\336\307  
\074\333\120\071\255\273\075\050\115\226\174\166\306\133\364\301  
\333\024\245\253\031\142\007\030\100\137\227\221\334\234\307\253  
\265\121\015\346\151\123\125\314\071\175\332\305\021\125\162\305  
\073\213\211\370\064\055\244\027\345\027\346\231\175\060\210\041  
\067\315\060\027\075\270\362\274\250\165\240\103\334\076\211\113  
\220\256\155\003\340\034\243\240\226\011\273\175\243\267\052\020  
\104\113\106\007\064\143\355\061\271\004\356\243\233\232\256\346  
\061\170\364\352\044\141\073\253\130\144\377\273\207\047\142\045  
\201\337\334\241\057\366\355\247\377\172\217\121\056\060\370\244  
\001\322\205\071\137\001\231\226\157\132\133\160\031\106\376\206  
\140\076\255\200\020\011\335\071\045\057\130\177\273\322\164\360  
\367\106\037\106\071\112\330\123\320\363\056\073\161\245\324\157  
\374\363\147\344\007\217\335\046\031\341\215\133\372\243\223\021  
\233\351\310\072\303\125\150\232\222\341\122\166\070\350\341\272  
\275\373\117\325\357\263\347\110\203\061\360\202\041\343\266\276  
\247\253\157\357\237\337\114\317\001\270\142\152\043\075\347\011  
\115\200\033\173\060\244\303\335\007\177\064\276\244\046\262\366  
\101\350\011\035\343\040\230\252\067\117\377\367\361\342\051\160  
\061\107\077\164\320\024\026\372\041\212\002\325\212\011\224\167  
\056\362\131\050\213\174\120\222\012\146\170\070\203\165\304\265  
\132\250\021\306\345\301\235\146\125\317\123\304\257\327\165\205  
\251\102\023\126\354\041\167\201\223\132\014\352\226\331\111\312  
\241\010\362\227\073\155\233\004\030\044\104\216\174\001\362\334  
\045\330\136\206\232\261\071\333\365\221\062\152\321\246\160\212  
\242\367\336\244\105\205\046\250\036\214\135\051\133\310\113\330  
\232\152\003\136\160\362\205\117\154\113\150\057\312\124\366\214  
\332\062\376\303\153\203\077\070\306\176

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert TLS RSA4096 Root G5"  
# Issuer: CN=DigiCert TLS RSA4096 Root G5,O="DigiCert, Inc.",C=US  
# Serial Number:08:f9:b4:78:a8:fa:7e:da:6a:33:37:89:de:7c:cf:8a  
# Subject: CN=DigiCert TLS RSA4096 Root G5,O="DigiCert, Inc.",C=US  
# Not Valid Before: Fri Jan 15 00:00:00 2021  
# Not Valid After : Sun Jan 14 23:59:59 2046

```

# Fingerprint (SHA-256):
37:1A:00:DC:05:33:B3:72:1A:7E:EB:40:E8:41:9E:70:79:9D:2B:0A:0F:2C:1D:80:69:31:65:F7:CE:C4:AD:75
# Fingerprint (SHA1): A7:88:49:DC:5D:7C:75:8C:8C:DE:39:98:56:B3:AA:D0:B2:A5:71:35
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert TLS RSA4096 Root G5"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\247\210\111\334\135\174\165\214\214\336\071\230\126\263\252\320
\262\245\161\065
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\254\376\367\064\226\251\362\263\264\022\113\344\047\101\157\341
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\045\060\043\006\003\125\004
\003\023\034\104\151\147\151\103\145\162\164\040\124\114\123\040
\122\123\101\064\060\071\066\040\122\157\157\164\040\107\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\371\264\170\250\372\176\332\152\063\067\211\336\174
\317\212
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert SMIME ECC P384 Root G5"
#
# Issuer: CN=DigiCert SMIME ECC P384 Root G5,O="DigiCert, Inc.",C=US
# Serial Number:05:3f:6e:a0:06:01:72:7d:ed:3f:c3:a3:b6:a3:d6:ef
# Subject: CN=DigiCert SMIME ECC P384 Root G5,O="DigiCert, Inc.",C=US
# Not Valid Before: Fri Jan 15 00:00:00 2021
# Not Valid After : Sun Jan 14 23:59:59 2046
# Fingerprint (SHA-256):
E8:E8:17:65:36:A6:0C:C2:C4:E1:01:87:C3:BE:FC:A2:0E:F2:63:49:70:18:F5:66:D5:BE:A0:F9:4D:0C:11:1B
# Fingerprint (SHA1): 1C:B8:A7:08:C9:0D:20:79:01:A0:B2:36:7F:F0:95:65:E4:53:24:FE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert SMIME ECC P384 Root G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\120\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145  
\162\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\003\023\037\104\151\147\151\103\145\162\164\040\123\115\111\115  
\105\040\105\103\103\040\120\063\070\064\040\122\157\157\164\040  
\107\065

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145  
\162\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\003\023\037\104\151\147\151\103\145\162\164\040\123\115\111\115  
\105\040\105\103\103\040\120\063\070\064\040\122\157\157\164\040  
\107\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\005\077\156\240\006\001\162\175\355\077\303\243\266\243  
\326\357

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\034\060\202\001\243\240\003\002\001\002\002\020\005  
\077\156\240\006\001\162\175\355\077\303\243\266\243\326\357\060  
\012\006\010\052\206\110\316\075\004\003\003\060\120\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003  
\125\004\012\023\016\104\151\147\151\103\145\162\164\054\040\111  
\156\143\056\061\050\060\046\006\003\125\004\003\023\037\104\151  
\147\151\103\145\162\164\040\123\115\111\115\105\040\105\103\103  
\040\120\063\070\064\040\122\157\157\164\040\107\065\060\036\027  
\015\062\061\060\061\061\065\060\060\060\060\060\060\132\027\015  
\064\066\060\061\061\064\062\063\065\071\065\071\132\060\120\061  
\013\060\011\006\003\125\004\006\023\002\125\123\061\027\060\025  
\006\003\125\004\012\023\016\104\151\147\151\103\145\162\164\054  
\040\111\156\143\056\061\050\060\046\006\003\125\004\003\023\037  
\104\151\147\151\103\145\162\164\040\123\115\111\115\105\040\105  
\103\103\040\120\063\070\064\040\122\157\157\164\040\107\065\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\026\235\125\345\266\324\373\373\147  
\153\032\324\241\252\322\167\225\076\210\345\007\237\266\160\146  
\040\050\244\210\354\160\065\257\263\062\377\067\023\112\236\274  
\001\003\336\204\301\270\306\346\145\107\211\362\023\125\277\315  
\245\036\010\140\177\255\177\350\141\222\051\317\011\107\136\013  
\034\300\037\244\277\362\133\274\230\357\231\114\314\160\153\266  
\272\320\050\035\277\276\004\243\102\060\100\060\035\006\003\125  
\035\016\004\026\004\024\163\172\153\226\333\102\007\213\122\146  
\302\144\062\027\376\340\147\220\056\255\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\017\006\003\125\035

```
\023\001\001\377\004\005\060\003\001\001\377\060\012\006\010\052
\206\110\316\075\004\003\003\003\147\000\060\144\002\060\067\104
\365\062\200\343\161\353\364\155\317\174\314\221\232\303\156\161
\330\322\043\135\222\115\202\102\155\134\141\225\366\221\365\247
\010\366\152\227\351\234\224\055\230\160\375\063\266\011\002\060
\007\074\057\271\130\202\136\017\243\142\250\223\147\360\040\303
\151\277\003\054\073\120\247\073\257\101\070\311\122\110\221\326
\016\373\274\140\060\174\144\077\022\036\105\177\121\076\364\246
END
```

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

```
# Trust for "DigiCert SMIME ECC P384 Root G5"
# Issuer: CN=DigiCert SMIME ECC P384 Root G5,O="DigiCert, Inc.",C=US
# Serial Number:05:3f:6e:a0:06:01:72:7d:ed:3f:c3:a3:b6:a3:d6:ef
# Subject: CN=DigiCert SMIME ECC P384 Root G5,O="DigiCert, Inc.",C=US
# Not Valid Before: Fri Jan 15 00:00:00 2021
# Not Valid After : Sun Jan 14 23:59:59 2046
# Fingerprint (SHA-256):
E8:E8:17:65:36:A6:0C:C2:C4:E1:01:87:C3:BE:FC:A2:0E:F2:63:49:70:18:F5:66:D5:BE:A0:F9:4D:0C:11:1B
# Fingerprint (SHA1): 1C:B8:A7:08:C9:0D:20:79:01:A0:B2:36:7F:F0:95:65:E4:53:24:FE
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert SMIME ECC P384 Root G5"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\034\270\247\010\311\015\040\171\001\240\262\066\177\360\225\145
\344\123\044\376
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\246\376\364\122\066\104\330\356\015\267\003\013\357\164\263\003
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\003\023\037\104\151\147\151\103\145\162\164\040\123\115\111\115
\105\040\105\103\103\040\120\063\070\064\040\122\157\157\164\040
\107\065
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\077\156\240\006\001\162\175\355\077\303\243\266\243
\326\357
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert SMIME RSA4096 Root G5"

#

# Issuer: CN=DigiCert SMIME RSA4096 Root G5,O="DigiCert, Inc.",C=US

# Serial Number:05:f6:ba:04:23:83:46:cb:7d:5c:e6:b9:5b:ba:1c:55

# Subject: CN=DigiCert SMIME RSA4096 Root G5,O="DigiCert, Inc.",C=US

# Not Valid Before: Fri Jan 15 00:00:00 2021

# Not Valid After : Sun Jan 14 23:59:59 2046

# Fingerprint (SHA-256):

90:37:0D:3E:FA:88:BF:58:C3:01:05:BA:25:10:4A:35:84:60:A7:FA:52:DF:C2:01:1D:F2:33:A0:F4:17:91:2A

# Fingerprint (SHA1): 5B:C5:AD:E2:9A:A7:54:DA:84:89:53:A5:FE:D7:5B:46:86:D0:57:08

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert SMIME RSA4096 Root G5"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145  
\162\164\054\040\111\156\143\056\061\047\060\045\006\003\125\004  
\003\023\036\104\151\147\151\103\145\162\164\040\123\115\111\115  
\105\040\122\123\101\064\060\071\066\040\122\157\157\164\040\107  
\065

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145  
\162\164\054\040\111\156\143\056\061\047\060\045\006\003\125\004  
\003\023\036\104\151\147\151\103\145\162\164\040\123\115\111\115  
\105\040\122\123\101\064\060\071\066\040\122\157\157\164\040\107  
\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\005\366\272\004\043\203\106\313\175\134\346\271\133\272  
\034\125

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\152\060\202\003\122\240\003\002\001\002\002\020\005  
\366\272\004\043\203\106\313\175\134\346\271\133\272\034\125\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\117  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027\060  
\025\006\003\125\004\012\023\016\104\151\147\151\103\145\162\164  
\054\040\111\156\143\056\061\047\060\045\006\003\125\004\003\023

\036\104\151\147\151\103\145\162\164\040\123\115\111\115\105\040  
\122\123\101\064\060\071\066\040\122\157\157\164\040\107\065\060  
\036\027\015\062\061\060\061\061\065\060\060\060\060\060\132  
\027\015\064\066\060\061\061\064\062\063\065\071\065\071\132\060  
\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027  
\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145\162  
\164\054\040\111\156\143\056\061\047\060\045\006\003\125\004\003  
\023\036\104\151\147\151\103\145\162\164\040\123\115\111\115\105  
\040\122\123\101\064\060\071\066\040\122\157\157\164\040\107\065  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\340\152\133\331\370\371\175\354\265\173\357\137\335\134\064  
\330\332\135\321\313\145\165\253\041\174\133\000\324\202\157\105  
\205\101\212\251\022\002\162\062\360\024\365\003\165\273\143\227  
\111\017\100\231\013\032\036\126\247\322\320\341\253\335\345\004  
\033\343\037\024\022\002\210\365\240\200\011\366\047\232\120\360  
\272\343\242\340\254\152\024\221\265\153\070\020\172\242\061\341  
\221\033\267\271\360\053\133\310\167\011\166\267\121\304\066\012  
\231\123\124\104\045\267\011\065\206\027\005\126\223\075\101\267  
\002\327\142\037\212\222\021\207\352\021\155\352\010\021\334\261  
\170\110\111\222\366\264\121\200\170\043\330\376\341\126\032\072  
\220\023\126\064\211\325\342\225\213\137\336\262\314\373\077\070  
\267\205\367\352\236\277\056\241\056\057\115\175\152\021\056\066  
\240\377\021\010\004\225\125\340\033\073\147\223\251\224\125\352  
\062\355\006\072\177\302\177\343\255\023\047\321\064\101\263\060  
\303\277\264\210\370\003\202\244\337\076\253\170\167\240\131\223  
\161\347\335\353\000\004\173\314\110\071\050\340\036\243\025\151  
\310\066\262\241\013\227\337\125\326\357\221\234\244\366\026\367  
\121\012\356\003\043\221\334\004\377\340\335\070\366\042\003\000  
\302\007\161\032\022\311\327\106\052\224\033\315\326\273\033\356  
\277\276\115\120\130\260\013\315\060\166\051\365\317\345\266\152  
\057\166\260\260\151\152\320\155\145\030\065\176\223\274\162\027  
\301\125\102\315\057\302\045\273\364\375\035\241\144\042\124\135  
\342\236\162\101\204\156\161\226\352\105\007\266\136\172\112\206  
\235\163\144\167\070\003\322\017\123\245\125\040\304\115\377\150  
\157\125\251\352\335\161\344\117\331\205\243\174\116\051\002\236  
\013\011\362\032\123\314\000\246\335\321\064\366\015\301\060\261  
\234\002\144\254\065\355\245\260\051\261\322\225\063\017\322\040  
\063\275\354\043\113\362\031\371\332\230\144\344\054\061\037\056  
\341\215\034\004\225\050\115\214\130\315\113\345\163\202\206\214  
\354\250\326\171\134\373\144\273\334\014\114\050\366\027\257\342  
\150\326\026\206\230\333\374\001\334\061\272\370\234\016\371\050  
\106\112\341\375\226\006\105\171\021\150\027\145\134\213\046\207  
\133\002\003\001\000\001\243\102\060\100\060\035\006\003\125\035  
\016\004\026\004\024\321\243\324\127\035\117\125\333\165\114\134  
\102\236\143\026\316\264\306\073\037\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\206\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\015\006\011\052\206

\110\206\367\015\001\001\014\005\000\003\202\002\001\000\007\247  
\012\336\123\273\232\353\160\277\262\066\220\315\344\247\270\361  
\014\344\135\132\035\170\145\374\311\270\036\043\021\127\174\151  
\065\155\001\377\123\120\277\007\016\272\307\001\077\130\052\224  
\165\003\253\034\013\043\334\033\212\036\067\075\035\130\217\163  
\331\263\052\157\337\020\240\133\014\247\312\260\177\271\044\242  
\001\065\062\345\136\106\101\353\330\177\163\347\102\351\244\121  
\046\167\201\012\250\353\017\012\120\235\176\212\040\147\374\013  
\216\072\021\323\305\214\140\030\331\113\261\374\324\361\264\111  
\116\256\207\341\321\373\166\241\137\363\006\317\227\226\014\351  
\236\165\201\134\123\015\042\374\066\346\111\156\164\333\000\205  
\215\174\042\240\216\373\020\114\324\142\023\133\357\113\162\046  
\213\374\116\212\217\376\227\020\123\305\170\213\102\144\033\137  
\340\211\375\273\011\177\120\340\124\205\046\021\152\035\145\371  
\111\051\334\174\066\337\373\075\367\322\254\356\062\215\156\246  
\175\071\234\105\304\312\015\365\073\264\171\123\245\057\126\307  
\121\305\212\114\144\135\220\103\043\216\153\114\027\170\314\350  
\277\365\073\344\250\110\317\255\233\014\337\062\112\323\331\022  
\216\043\170\015\055\257\237\257\236\074\011\302\227\000\355\072  
\151\034\161\077\071\337\323\217\304\146\365\357\066\224\017\363  
\335\222\266\226\137\220\246\335\163\252\246\040\224\224\045\152  
\011\014\162\344\023\043\140\114\243\312\027\056\173\147\000\333  
\320\315\352\172\037\071\046\127\211\060\167\313\116\345\225\105  
\117\137\373\066\134\075\371\040\265\072\020\045\117\223\062\132  
\356\301\226\350\351\126\004\260\111\141\115\354\170\250\235\030  
\301\377\330\352\057\126\357\225\053\173\004\136\147\343\125\100  
\355\071\004\371\013\171\365\152\214\134\017\211\232\220\307\315  
\213\336\333\046\065\241\156\315\263\102\362\242\017\073\014\216  
\223\377\024\317\374\367\223\367\344\101\010\156\031\122\021\017  
\123\031\163\170\014\317\330\205\201\370\255\125\310\260\236\106  
\143\257\234\122\356\134\277\360\300\133\067\036\011\040\322\076  
\043\306\241\025\112\016\066\176\060\305\171\152\274\042\210\331  
\014\122\100\037\335\116\017\147\046\026\322\255\027\034

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert SMIME RSA4096 Root G5"  
# Issuer: CN=DigiCert SMIME RSA4096 Root G5,O="DigiCert, Inc.",C=US  
# Serial Number:05:f6:ba:04:23:83:46:cb:7d:5c:e6:b9:5b:ba:1c:55  
# Subject: CN=DigiCert SMIME RSA4096 Root G5,O="DigiCert, Inc.",C=US  
# Not Valid Before: Fri Jan 15 00:00:00 2021  
# Not Valid After : Sun Jan 14 23:59:59 2046  
# Fingerprint (SHA-256):  
90:37:0D:3E:FA:88:BF:58:C3:01:05:BA:25:10:4A:35:84:60:A7:FA:52:DF:C2:01:1D:F2:33:A0:F4:17:91:2A  
# Fingerprint (SHA1): 5B:C5:AD:E2:9A:A7:54:DA:84:89:53:A5:FE:D7:5B:46:86:D0:57:08  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert SMIME RSA4096 Root G5"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\133\305\255\342\232\247\124\332\204\211\123\245\376\327\133\106
\206\320\127\010
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\321\173\340\265\077\065\162\237\175\276\013\245\244\035\251\156
END
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\047\060\045\006\003\125\004
\003\023\036\104\151\147\151\103\145\162\164\040\123\115\111\115
\105\040\122\123\101\064\060\071\066\040\122\157\157\164\040\107
\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\366\272\004\043\203\106\313\175\134\346\271\133\272
\034\125
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certainly Root R1"
#
# Issuer: CN=Certainly Root R1,O=Certainly,C=US
# Serial Number:00:8e:0f:f9:4b:90:71:68:65:33:54:f4:d4:44:39:b7:e0
# Subject: CN=Certainly Root R1,O=Certainly,C=US
# Not Valid Before: Thu Apr 01 00:00:00 2021
# Not Valid After : Sun Apr 01 00:00:00 2046
# Fingerprint (SHA-256):
77:B8:2C:D8:64:4C:43:05:F7:AC:C5:CB:15:6B:45:67:50:04:03:3D:51:C6:0C:62:02:A8:E0:C3:34:67:D3:A0
# Fingerprint (SHA1): A0:50:EE:0F:28:71:F4:27:B2:12:6D:6F:50:96:25:BA:CC:86:42:AF
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certainly Root R1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\103\145\162\164\141\151

```

\156\154\171\061\032\060\030\006\003\125\004\003\023\021\103\145  
\162\164\141\151\156\154\171\040\122\157\157\164\040\122\061  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\075\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\022\060\020\006\003\125\004\012\023\011\103\145\162\164\141\151  
\156\154\171\061\032\060\030\006\003\125\004\003\023\021\103\145  
\162\164\141\151\156\154\171\040\122\157\157\164\040\122\061  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\021\000\216\017\371\113\220\161\150\145\063\124\364\324\104  
\071\267\340  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\107\060\202\003\057\240\003\002\001\002\002\021\000  
\216\017\371\113\220\161\150\145\063\124\364\324\104\071\267\340  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\075\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022  
\060\020\006\003\125\004\012\023\011\103\145\162\164\141\151\156  
\154\171\061\032\060\030\006\003\125\004\003\023\021\103\145\162  
\164\141\151\156\154\171\040\122\157\157\164\040\122\061\060\036  
\027\015\062\061\060\064\060\061\060\060\060\060\060\132\027  
\015\064\066\060\064\060\061\060\060\060\060\060\132\060\075  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060  
\020\006\003\125\004\012\023\011\103\145\162\164\141\151\156\154  
\171\061\032\060\030\006\003\125\004\003\023\021\103\145\162\164  
\141\151\156\154\171\040\122\157\157\164\040\122\061\060\202\002  
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\320\066  
\324\037\352\335\253\344\321\266\346\373\042\300\335\023\015\152  
\173\042\023\034\227\074\150\143\146\062\234\003\265\215\244\201  
\203\332\170\060\021\317\334\262\053\276\222\277\216\344\304\023  
\276\244\150\114\332\002\150\026\164\276\262\335\004\344\153\052  
\335\067\037\140\054\333\365\367\241\174\225\267\014\160\206\056  
\361\072\357\122\367\314\323\233\371\213\276\016\337\061\267\235  
\150\134\222\246\365\345\363\012\064\265\377\173\242\344\207\241  
\306\257\027\000\357\003\221\355\251\034\116\161\075\322\213\154  
\211\364\170\206\346\152\111\240\316\265\322\260\253\233\366\364  
\324\056\343\162\371\066\306\353\025\267\045\214\072\374\045\015  
\263\042\163\041\164\310\112\226\141\222\365\057\013\030\245\364  
\255\342\356\101\275\001\171\372\226\214\215\027\002\060\264\371  
\257\170\032\214\264\066\020\020\007\005\160\320\364\061\220\212  
\121\305\206\046\171\262\021\210\136\305\360\012\124\315\111\246  
\277\002\234\322\104\247\355\343\170\357\106\136\155\161\321\171  
\160\034\106\137\121\351\311\067\334\137\176\151\173\101\337\064  
\105\340\073\204\364\241\212\012\066\236\067\314\142\122\341\211  
\015\050\371\172\043\261\015\075\075\232\375\235\201\357\054\220

\300\173\104\116\273\111\340\016\112\126\222\274\313\265\335\171  
\027\211\221\336\141\211\164\222\250\343\062\205\276\116\205\244  
\113\131\313\053\305\170\216\161\124\320\002\067\231\214\345\111  
\352\340\124\162\244\021\006\057\013\214\301\133\276\265\241\260  
\123\156\234\270\140\221\037\131\153\371\055\364\224\012\227\265  
\354\305\166\003\124\033\145\122\272\114\222\126\121\065\240\100  
\330\051\333\256\122\166\073\055\060\100\233\212\320\102\126\264  
\267\210\001\244\207\073\123\226\315\243\026\217\363\146\252\027  
\261\307\140\340\301\103\005\014\356\233\133\140\157\006\134\207  
\133\047\371\100\021\236\234\063\301\267\345\065\127\005\177\047  
\316\027\040\214\034\374\361\373\332\061\051\111\355\365\013\204  
\247\117\301\366\116\302\050\234\372\356\340\257\007\373\063\021  
\172\041\117\013\041\020\266\100\072\253\042\072\004\234\213\233  
\204\206\162\232\322\247\245\304\264\165\221\251\053\043\002\003  
\001\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004  
\026\004\024\340\252\077\045\215\237\104\134\301\072\350\056\256  
\167\114\204\076\147\014\364\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\002\001\000\271\127\257\270\022  
\332\127\203\217\150\013\063\035\003\123\125\364\225\160\344\053  
\075\260\071\353\372\211\142\375\367\326\030\004\057\041\064\335  
\361\150\360\325\226\132\336\302\200\243\301\215\306\152\367\131  
\167\256\025\144\317\133\171\005\167\146\352\214\323\153\015\335  
\361\131\054\301\063\245\060\200\025\105\007\105\032\061\042\266  
\222\000\253\231\115\072\217\167\257\251\042\312\057\143\312\025  
\326\307\306\360\075\154\374\034\015\230\020\141\236\021\242\042  
\327\012\362\221\172\153\071\016\057\060\303\066\111\237\340\351  
\017\002\104\120\067\224\125\175\352\237\366\073\272\224\245\114  
\351\274\076\121\264\350\312\222\066\124\155\134\045\050\332\335  
\255\024\375\323\356\342\042\005\353\320\362\267\150\022\327\132  
\212\101\032\306\222\245\132\073\143\105\117\277\341\072\167\042  
\057\134\277\106\371\132\003\205\023\102\137\312\336\123\327\142  
\265\246\065\004\302\107\377\231\375\204\337\134\316\351\136\200  
\050\101\362\175\347\036\220\330\117\166\076\202\074\015\374\245  
\003\372\173\032\331\105\036\140\332\304\216\371\374\053\311\173  
\225\305\052\377\252\211\337\202\061\017\162\377\014\047\327\012  
\036\126\000\120\036\014\220\301\226\265\330\024\205\273\247\015  
\026\301\370\007\044\033\272\205\241\032\005\011\200\272\225\143  
\311\072\354\045\237\177\235\272\244\107\025\233\104\160\361\152  
\113\326\070\136\103\363\030\176\120\156\351\132\050\346\145\346  
\167\033\072\375\035\276\003\046\243\333\324\341\273\176\226\047  
\053\035\356\244\373\332\045\124\023\003\336\071\306\303\037\115  
\220\354\217\033\112\322\034\355\205\225\070\120\171\106\326\301  
\220\120\061\251\134\232\156\035\365\063\126\213\247\231\322\362  
\310\054\063\223\222\060\307\116\214\145\063\020\144\027\375\044  
\027\226\321\215\302\072\152\053\353\023\213\104\362\041\363\112  
\032\267\167\137\327\355\210\244\162\345\071\037\225\235\276\147

```
\301\160\021\075\273\364\370\111\267\343\046\227\072\237\322\137
\174\373\300\231\174\071\051\340\173\035\277\015\247\217\322\051
\064\156\044\025\313\336\220\136\277\032\304\146\352\302\346\272
\071\137\212\231\251\101\131\007\260\054\257
```

END

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

# Trust for "Certainly Root R1"

# Issuer: CN=Certainly Root R1,O=Certainly,C=US

# Serial Number:00:8e:0f:f9:4b:90:71:68:65:33:54:f4:d4:44:39:b7:e0

# Subject: CN=Certainly Root R1,O=Certainly,C=US

# Not Valid Before: Thu Apr 01 00:00:00 2021

# Not Valid After : Sun Apr 01 00:00:00 2046

# Fingerprint (SHA-256):

77:B8:2C:D8:64:4C:43:05:F7:AC:C5:CB:15:6B:45:67:50:04:03:3D:51:C6:0C:62:02:A8:E0:C3:34:67:D3:A0

# Fingerprint (SHA1): A0:50:EE:0F:28:71:F4:27:B2:12:6D:6F:50:96:25:BA:CC:86:42:AF

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certainly Root R1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\240\120\356\017\050\161\364\047\262\022\155\157\120\226\045\272
\314\206\102\257
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\007\160\324\076\202\207\240\372\063\066\023\364\372\063\347\022
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\075\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\103\145\162\164\141\151
\156\154\171\061\032\060\030\006\003\125\004\003\023\021\103\145
\162\164\141\151\156\154\171\040\122\157\157\164\040\122\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\021\000\216\017\371\113\220\161\150\145\063\124\364\324\104
\071\267\340
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

# Certificate "Certainly Root E1"

#

```
# Issuer: CN=Certainly Root E1,O=Certainly,C=US
# Serial Number:06:25:33:b1:47:03:33:27:5c:f9:8d:9a:b9:bf:cc:f8
# Subject: CN=Certainly Root E1,O=Certainly,C=US
# Not Valid Before: Thu Apr 01 00:00:00 2021
# Not Valid After : Sun Apr 01 00:00:00 2046
# Fingerprint (SHA-256):
B4:58:5F:22:E4:AC:75:6A:4E:86:12:A1:36:1C:5D:9D:03:1A:93:FD:84:FE:BB:77:8F:A3:06:8B:0F:C4:2D:C2
# Fingerprint (SHA1): F9:E1:6D:DC:01:89:CF:D5:82:45:63:3E:C5:37:7D:C2:EB:93:6F:2B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certainly Root E1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\103\145\162\164\141\151
\156\154\171\061\032\060\030\006\003\125\004\003\023\021\103\145
\162\164\141\151\156\154\171\040\122\157\157\164\040\105\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\103\145\162\164\141\151
\156\154\171\061\032\060\030\006\003\125\004\003\023\021\103\145
\162\164\141\151\156\154\171\040\122\157\157\164\040\105\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\006\045\063\261\107\003\063\047\134\371\215\232\271\277
\314\370
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\367\060\202\001\175\240\003\002\001\002\002\020\006
\045\063\261\107\003\063\047\134\371\215\232\271\277\314\370\060
\012\006\010\052\206\110\316\075\004\003\003\060\075\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\022\060\020\006\003
\125\004\012\023\011\103\145\162\164\141\151\156\154\171\061\032
\060\030\006\003\125\004\003\023\021\103\145\162\164\141\151\156
\154\171\040\122\157\157\164\040\105\061\060\036\027\015\062\061
\060\064\060\061\060\060\060\060\060\060\132\027\015\064\066\060
\064\060\061\060\060\060\060\060\060\132\060\075\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\022\060\020\006\003\125
\004\012\023\011\103\145\162\164\141\151\156\154\171\061\032\060
\030\006\003\125\004\003\023\021\103\145\162\164\141\151\156\154
\171\040\122\157\157\164\040\105\061\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\336\157\370\177\034\337\355\371\107\207\206\261\244\300\212
\370\202\227\200\352\217\310\112\136\052\175\210\150\247\001\142
```

```
\024\221\044\172\134\236\243\027\175\212\206\041\064\030\120\033
\020\336\320\067\113\046\307\031\140\200\351\064\275\140\031\066
\100\326\051\207\011\074\221\172\366\274\023\043\335\131\116\004
\136\317\310\002\034\030\123\301\061\330\332\040\351\104\215\344
\166\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\363\050\030\313\144\165\356\051\052\353\355\256\043\130\070
\205\353\310\042\007\060\012\006\010\052\206\110\316\075\004\003
\003\003\150\000\060\145\002\061\000\261\216\132\040\303\262\031
\142\115\336\260\117\337\156\322\160\212\361\237\176\152\214\346
\272\336\203\151\312\151\263\251\005\265\226\222\027\207\302\322
\352\320\173\316\330\101\133\174\256\002\060\106\336\352\313\135
\232\354\062\302\145\026\260\114\060\134\060\363\332\116\163\206
\006\330\316\211\004\110\067\067\370\335\063\121\235\160\257\173
\125\330\001\056\175\005\144\016\206\270\221
```

END

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

```
# Trust for "Certainly Root E1"
```

```
# Issuer: CN=Certainly Root E1,O=Certainly,C=US
```

```
# Serial Number:06:25:33:b1:47:03:33:27:5c:f9:8d:9a:b9:bf:cc:f8
```

```
# Subject: CN=Certainly Root E1,O=Certainly,C=US
```

```
# Not Valid Before: Thu Apr 01 00:00:00 2021
```

```
# Not Valid After : Sun Apr 01 00:00:00 2046
```

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

```
B4:58:5F:22:E4:AC:75:6A:4E:86:12:A1:36:1C:5D:9D:03:1A:93:FD:84:FE:BB:77:8F:A3:06:8B:0F:C4:2D:C2
```

```
# Fingerprint (SHA1): F9:E1:6D:DC:01:89:CF:D5:82:45:63:3E:C5:37:7D:C2:EB:93:6F:2B
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certainly Root E1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\371\341\155\334\001\211\317\325\202\105\143\076\305\067\175\302
\353\223\157\053
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\012\236\312\315\076\122\120\306\066\363\113\243\355\247\123\351
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\075\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\103\145\162\164\141\151
\156\154\171\061\032\060\030\006\003\125\004\003\023\021\103\145
\162\164\141\151\156\154\171\040\122\157\157\164\040\105\061
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\006\045\063\261\107\003\063\047\134\371\215\232\271\277
\314\370
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "E-Tugra Global Root CA RSA v3"
#
# Issuer: CN=E-Tugra Global Root CA RSA v3,OU=E-Tugra Trust Center,O=E-Tugra EBG A.S.,L=Ankara,C=TR
# Serial Number:0d:4d:c5:cd:16:22:95:96:08:7e:b8:0b:7f:15:06:34:fb:79:10:34
# Subject: CN=E-Tugra Global Root CA RSA v3,OU=E-Tugra Trust Center,O=E-Tugra EBG
A.S.,L=Ankara,C=TR
# Not Valid Before: Wed Mar 18 09:07:17 2020
# Not Valid After : Sun Mar 12 09:07:17 2045
# Fingerprint (SHA-256):
EF:66:B0:B1:0A:3C:DB:9F:2E:36:48:C7:6B:D2:AF:18:EA:D2:BF:E6:F1:17:65:5E:28:C4:06:0D:A1:A3:F4:C2
# Fingerprint (SHA1): E9:A8:5D:22:14:52:1C:5B:AA:0A:B4:BE:24:6A:23:8A:C9:BA:E2:A9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Global Root CA RSA v3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\023\006\101\156\153\141\162
\141\061\031\060\027\006\003\125\004\012\023\020\105\055\124\165
\147\162\141\040\105\102\107\040\101\056\123\056\061\035\060\033
\006\003\125\004\013\023\024\105\055\124\165\147\162\141\040\124
\162\165\163\164\040\103\145\156\164\145\162\061\046\060\044\006
\003\125\004\003\023\035\105\055\124\165\147\162\141\040\107\154
\157\142\141\154\040\122\157\157\164\040\103\101\040\122\123\101
\040\166\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\023\006\101\156\153\141\162
\141\061\031\060\027\006\003\125\004\012\023\020\105\055\124\165
\147\162\141\040\105\102\107\040\101\056\123\056\061\035\060\033
\006\003\125\004\013\023\024\105\055\124\165\147\162\141\040\124
\162\165\163\164\040\103\145\156\164\145\162\061\046\060\044\006
\003\125\004\003\023\035\105\055\124\165\147\162\141\040\107\154
\157\142\141\154\040\122\157\157\164\040\103\101\040\122\123\101

```

\040\166\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\015\115\305\315\026\042\225\226\010\176\270\013\177\025

\006\064\373\171\020\064

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\363\060\202\003\333\240\003\002\001\002\002\024\015

\115\305\315\026\042\225\226\010\176\270\013\177\025\006\064\373

\171\020\064\060\015\006\011\052\206\110\206\367\015\001\001\013

\005\000\060\201\200\061\013\060\011\006\003\125\004\006\023\002

\124\122\061\017\060\015\006\003\125\004\007\023\006\101\156\153

\141\162\141\061\031\060\027\006\003\125\004\012\023\020\105\055

\124\165\147\162\141\040\105\102\107\040\101\056\123\056\061\035

\060\033\006\003\125\004\013\023\024\105\055\124\165\147\162\141

\040\124\162\165\163\164\040\103\145\156\164\145\162\061\046\060

\044\006\003\125\004\003\023\035\105\055\124\165\147\162\141\040

\107\154\157\142\141\154\040\122\157\157\164\040\103\101\040\122

\123\101\040\166\063\060\036\027\015\062\060\060\063\061\070\060

\071\060\067\061\067\132\027\015\064\065\060\063\061\062\060\071

\060\067\061\067\132\060\201\200\061\013\060\011\006\003\125\004

\006\023\002\124\122\061\017\060\015\006\003\125\004\007\023\006

\101\156\153\141\162\141\061\031\060\027\006\003\125\004\012\023

\020\105\055\124\165\147\162\141\040\105\102\107\040\101\056\123

\056\061\035\060\033\006\003\125\004\013\023\024\105\055\124\165

\147\162\141\040\124\162\165\163\164\040\103\145\156\164\145\162

\061\046\060\044\006\003\125\004\003\023\035\105\055\124\165\147

\162\141\040\107\154\157\142\141\154\040\122\157\157\164\040\103

\101\040\122\123\101\040\166\063\060\202\002\042\060\015\006\011

\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000

\060\202\002\012\002\202\002\001\000\242\146\360\211\267\162\173

\356\011\311\143\322\323\103\335\136\303\246\204\070\112\361\215

\201\273\024\275\107\350\100\027\363\075\303\170\105\162\246\056

\220\336\232\072\324\040\161\312\274\237\035\113\227\012\307\061

\272\076\327\376\045\251\052\216\066\364\321\057\307\267\251\135

\063\334\060\160\370\100\154\113\262\246\061\141\321\064\074\075

\061\172\307\257\304\247\247\204\341\227\244\350\113\366\027\174

\356\074\007\355\342\212\127\334\266\373\370\103\045\120\352\047

\201\250\206\274\217\122\112\226\072\140\032\226\273\375\163\364

\205\375\203\375\177\204\155\064\154\177\152\267\113\001\003\277

\255\151\267\327\062\331\365\127\152\351\206\202\076\245\146\061

\263\026\075\302\363\046\140\062\323\122\036\260\154\244\067\076

\364\365\257\353\341\337\200\006\317\052\101\347\146\011\341\113

\227\347\167\275\041\155\051\266\147\303\055\176\355\326\171\145

\321\317\072\266\321\261\136\126\141\120\172\132\316\116\120\061

\200\003\230\107\347\344\030\174\104\132\306\244\263\073\306\306

\303\072\360\154\303\213\310\244\221\005\363\365\331\266\252\006

\241\267\253\344\261\352\041\024\134\203\244\374\377\266\120\323

\214\022\046\231\166\160\351\300\017\246\164\374\273\320\033\170  
\316\162\222\342\050\234\274\346\351\011\330\072\323\211\346\276  
\056\167\337\001\012\157\226\366\345\215\074\115\122\166\032\126  
\341\163\176\027\254\075\255\154\243\122\022\030\160\346\200\116  
\063\362\176\046\062\254\005\215\070\244\346\166\074\237\020\151  
\016\155\235\322\301\171\040\153\133\317\063\215\321\224\166\065  
\347\135\125\307\267\254\050\253\106\314\347\073\041\265\012\012  
\344\112\131\334\201\065\113\104\225\022\012\147\245\241\377\133  
\000\007\322\300\314\371\077\374\237\063\362\000\370\214\154\207  
\235\006\055\361\357\343\346\006\372\305\146\023\133\374\120\007  
\236\161\206\262\332\157\164\060\317\223\123\350\334\042\326\336  
\040\037\141\215\243\056\243\170\062\220\154\334\254\062\265\005  
\344\365\074\063\015\326\340\207\167\027\114\235\260\330\011\250  
\015\127\367\104\205\360\310\004\276\134\135\132\343\027\216\124  
\143\151\177\111\164\144\005\214\243\002\003\001\000\001\243\143  
\060\141\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\037\006\003\125\035\043\004\030\060\026\200\024  
\262\264\256\346\055\367\046\325\252\165\055\166\113\300\033\123  
\041\320\110\357\060\035\006\003\125\035\016\004\026\004\024\262  
\264\256\346\055\367\046\325\252\165\055\166\113\300\033\123\041  
\320\110\357\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\002\001\000\211\250\162\177\214\353\316\056\030  
\304\020\200\055\020\014\377\373\024\315\004\340\024\074\116\232  
\373\237\051\277\042\236\127\271\202\163\022\143\046\265\314\220  
\351\322\052\051\356\234\055\314\054\231\276\105\047\344\261\161  
\355\344\070\225\061\101\362\175\172\143\170\337\312\066\026\057  
\202\210\237\274\021\107\117\166\115\310\055\216\353\337\055\174  
\116\073\332\256\366\343\332\135\024\246\256\350\205\104\235\006  
\156\216\373\357\172\112\152\055\053\050\030\376\277\220\054\165  
\026\237\017\352\226\175\005\356\233\023\245\104\154\370\003\320  
\335\043\341\375\003\022\022\010\364\030\064\263\340\067\013\167  
\021\001\110\277\141\264\265\370\031\331\313\115\352\243\214\357  
\375\360\006\265\155\222\364\112\141\120\204\355\354\111\323\344  
\276\150\346\056\343\061\013\124\013\032\222\326\202\330\266\242  
\145\074\146\004\371\125\332\154\373\333\265\024\146\115\224\203  
\073\315\036\246\053\262\376\167\100\206\253\347\337\012\311\375  
\366\335\207\126\030\330\260\054\125\140\226\372\010\176\122\220  
\365\113\246\056\207\174\313\040\333\006\076\240\135\003\167\175  
\242\074\023\033\051\242\023\125\240\075\024\042\257\157\270\320  
\232\033\162\335\005\001\215\206\140\277\244\147\356\265\245\015  
\321\177\346\032\053\142\146\303\007\272\347\240\110\034\070\303  
\351\105\373\247\177\374\355\002\150\032\312\167\022\167\246\000  
\125\050\024\354\326\307\022\242\033\145\102\351\221\350\313\076  
\207\211\124\135\331\257\235\227\234\151\347\012\377\017\132\170  
\213\143\052\114\175\107\224\077\336\113\351\123\320\060\361\305  
\366\236\111\337\073\240\221\243\243\376\315\130\314\352\337\257  
\157\050\073\240\151\233\217\354\254\256\053\124\235\233\004\261

```
\107\040\257\226\022\076\143\224\035\004\347\056\273\206\307\014
\232\210\277\166\107\357\367\260\013\227\146\322\104\317\140\122
\007\341\325\054\112\072\047\141\167\312\327\217\347\207\016\060
\377\014\273\004\342\141\303\242\310\227\141\216\264\060\152\074
\155\302\007\137\112\163\057\077\371\026\212\001\146\357\272\221
\312\122\127\173\256\324\346\017\335\013\172\177\213\236\046\040
\317\073\357\201\161\203\131
```

END

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

# Trust for "E-Tugra Global Root CA RSA v3"

# Issuer: CN=E-Tugra Global Root CA RSA v3,OU=E-Tugra Trust Center,O=E-Tugra EBG A.S.,L=Ankara,C=TR

# Serial Number:0d:4d:c5:cd:16:22:95:96:08:7e:b8:0b:7f:15:06:34:fb:79:10:34

# Subject: CN=E-Tugra Global Root CA RSA v3,OU=E-Tugra Trust Center,O=E-Tugra EBG  
A.S.,L=Ankara,C=TR

# Not Valid Before: Wed Mar 18 09:07:17 2020

# Not Valid After : Sun Mar 12 09:07:17 2045

# Fingerprint (SHA-256):

EF:66:B0:B1:0A:3C:DB:9F:2E:36:48:C7:6B:D2:AF:18:EA:D2:BF:E6:F1:17:65:5E:28:C4:06:0D:A1:A3:F4:C2

# Fingerprint (SHA1): E9:A8:5D:22:14:52:1C:5B:AA:0A:B4:BE:24:6A:23:8A:C9:BA:E2:A9

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "E-Tugra Global Root CA RSA v3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\351\250\135\042\024\122\034\133\252\012\264\276\044\152\043\212
\311\272\342\251
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\042\276\020\366\302\370\003\210\163\137\063\051\107\050\107\244
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\023\006\101\156\153\141\162
\141\061\031\060\027\006\003\125\004\012\023\020\105\055\124\165
\147\162\141\040\105\102\107\040\101\056\123\056\061\035\060\033
\006\003\125\004\013\023\024\105\055\124\165\147\162\141\040\124
\162\165\163\164\040\103\145\156\164\145\162\061\046\060\044\006
\003\125\004\003\023\035\105\055\124\165\147\162\141\040\107\154
\157\142\141\154\040\122\157\157\164\040\103\101\040\122\123\101
\040\166\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\024\015\115\305\315\026\042\225\226\010\176\270\013\177\025
\006\064\373\171\020\064
```

```

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

#
# Certificate "E-Tugra Global Root CA ECC v3"
#
# Issuer: CN=E-Tugra Global Root CA ECC v3,OU=E-Tugra Trust Center,O=E-Tugra EBG A.S.,L=Ankara,C=TR
# Serial Number:26:46:19:77:31:e1:4f:6f:28:36:de:39:51:86:e6:d4:97:88:22:c1
# Subject: CN=E-Tugra Global Root CA ECC v3,OU=E-Tugra Trust Center,O=E-Tugra EBG
A.S.,L=Ankara,C=TR
# Not Valid Before: Wed Mar 18 09:46:58 2020
# Not Valid After : Sun Mar 12 09:46:58 2045
# Fingerprint (SHA-256):
87:3F:46:85:FA:7F:56:36:25:25:2E:6D:36:BC:D7:F1:6F:C2:49:51:F2:64:E4:7E:1B:95:4F:49:08:CD:CA:13
# Fingerprint (SHA1): 8A:2F:AF:57:53:B1:B0:E6:A1:04:EC:5B:6A:69:71:6D:F6:1C:E2:84
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Global Root CA ECC v3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\023\006\101\156\153\141\162
\141\061\031\060\027\006\003\125\004\012\023\020\105\055\124\165
\147\162\141\040\105\102\107\040\101\056\123\056\061\035\060\033
\006\003\125\004\013\023\024\105\055\124\165\147\162\141\040\124
\162\165\163\164\040\103\145\156\164\145\162\061\046\060\044\006
\003\125\004\003\023\035\105\055\124\165\147\162\141\040\107\154
\157\142\141\154\040\122\157\157\164\040\103\101\040\105\103\103
\040\166\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\023\006\101\156\153\141\162
\141\061\031\060\027\006\003\125\004\012\023\020\105\055\124\165
\147\162\141\040\105\102\107\040\101\056\123\056\061\035\060\033
\006\003\125\004\013\023\024\105\055\124\165\147\162\141\040\124
\162\165\163\164\040\103\145\156\164\145\162\061\046\060\044\006
\003\125\004\003\023\035\105\055\124\165\147\162\141\040\107\154
\157\142\141\154\040\122\157\157\164\040\103\101\040\105\103\103
\040\166\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL

```

\002\024\046\106\031\167\061\341\117\157\050\066\336\071\121\206  
\346\324\227\210\042\301

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\245\060\202\002\052\240\003\002\001\002\002\024\046  
\106\031\167\061\341\117\157\050\066\336\071\121\206\346\324\227  
\210\042\301\060\012\006\010\052\206\110\316\075\004\003\003\060  
\201\200\061\013\060\011\006\003\125\004\006\023\002\124\122\061  
\017\060\015\006\003\125\004\007\023\006\101\156\153\141\162\141  
\061\031\060\027\006\003\125\004\012\023\020\105\055\124\165\147  
\162\141\040\105\102\107\040\101\056\123\056\061\035\060\033\006  
\003\125\004\013\023\024\105\055\124\165\147\162\141\040\124\162  
\165\163\164\040\103\145\156\164\145\162\061\046\060\044\006\003  
\125\004\003\023\035\105\055\124\165\147\162\141\040\107\154\157  
\142\141\154\040\122\157\157\164\040\103\101\040\105\103\103\040  
\166\063\060\036\027\015\062\060\060\063\061\070\060\071\064\066  
\065\070\132\027\015\064\065\060\063\061\062\060\071\064\066\065  
\070\132\060\201\200\061\013\060\011\006\003\125\004\006\023\002  
\124\122\061\017\060\015\006\003\125\004\007\023\006\101\156\153  
\141\162\141\061\031\060\027\006\003\125\004\012\023\020\105\055  
\124\165\147\162\141\040\105\102\107\040\101\056\123\056\061\035  
\060\033\006\003\125\004\013\023\024\105\055\124\165\147\162\141  
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\046\060  
\044\006\003\125\004\003\023\035\105\055\124\165\147\162\141\040  
\107\154\157\142\141\154\040\122\157\157\164\040\103\101\040\105  
\103\103\040\166\063\060\166\060\020\006\007\052\206\110\316\075  
\002\001\006\005\053\201\004\000\042\003\142\000\004\216\230\051  
\277\307\020\036\047\333\253\003\314\050\054\330\136\110\031\020  
\051\314\313\131\201\314\214\270\222\027\211\203\052\222\366\303  
\244\035\114\142\325\237\326\240\106\334\034\274\166\301\343\107  
\320\133\023\332\347\245\263\146\110\347\041\232\112\117\206\012  
\175\154\352\115\062\200\012\262\172\011\233\151\113\230\201\342  
\056\354\002\160\226\037\375\365\106\316\312\334\202\243\143\060  
\141\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\037\006\003\125\035\043\004\030\060\026\200\024\377  
\202\061\162\076\371\304\146\154\255\070\236\321\260\121\210\245  
\220\314\365\060\035\006\003\125\035\016\004\026\004\024\377\202  
\061\162\076\371\304\146\154\255\070\236\321\260\121\210\245\220  
\314\365\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\012\006\010\052\206\110\316\075\004\003\003\003\151  
\000\060\146\002\061\000\346\005\130\151\141\345\055\312\015\313  
\361\031\010\275\326\375\121\222\032\176\143\124\004\220\221\232  
\065\221\071\231\372\007\251\146\223\272\310\150\324\212\077\372  
\355\156\026\002\047\267\002\061\000\335\132\027\053\166\035\145  
\102\226\246\254\135\212\171\126\330\212\033\337\232\336\137\307  
\120\217\261\133\161\014\046\337\152\100\000\354\063\221\041\161  
\276\150\344\043\244\331\255\241\067

END

```

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "E-Tugra Global Root CA ECC v3"
# Issuer: CN=E-Tugra Global Root CA ECC v3,OU=E-Tugra Trust Center,O=E-Tugra EBG A.S.,L=Ankara,C=TR
# Serial Number:26:46:19:77:31:e1:4f:6f:28:36:de:39:51:86:e6:d4:97:88:22:c1
# Subject: CN=E-Tugra Global Root CA ECC v3,OU=E-Tugra Trust Center,O=E-Tugra EBG
A.S.,L=Ankara,C=TR
# Not Valid Before: Wed Mar 18 09:46:58 2020
# Not Valid After : Sun Mar 12 09:46:58 2045
# Fingerprint (SHA-256):
87:3F:46:85:FA:7F:56:36:25:25:2E:6D:36:BC:D7:F1:6F:C2:49:51:F2:64:E4:7E:1B:95:4F:49:08:CD:CA:13
# Fingerprint (SHA1): 8A:2F:AF:57:53:B1:B0:E6:A1:04:EC:5B:6A:69:71:6D:F6:1C:E2:84
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Global Root CA ECC v3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\212\057\257\127\123\261\260\346\241\004\354\133\152\151\161\155
\366\034\342\204
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\106\274\201\273\361\265\036\367\113\226\274\024\342\347\047\144
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\023\006\101\156\153\141\162
\141\061\031\060\027\006\003\125\004\012\023\020\105\055\124\165
\147\162\141\040\105\102\107\040\101\056\123\056\061\035\060\033
\006\003\125\004\013\023\024\105\055\124\165\147\162\141\040\124
\162\165\163\164\040\103\145\156\164\145\162\061\046\060\044\006
\003\125\004\003\023\035\105\055\124\165\147\162\141\040\107\154
\157\142\141\154\040\122\157\157\164\040\103\101\040\105\103\103
\040\166\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\046\106\031\167\061\341\117\157\050\066\336\071\121\206
\346\324\227\210\042\301
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

Found in path(s):

\* /opt/cola/permits/1376394069\_1659497040.3993607/0/ca-certificates-20220614-tar-bz2/ca-certificates-

20220614/certdata.txt

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Found in path(s):

```
* /opt/cola/permits/1376394069_1659497040.3993607/0/ca-certificates-20220614-tar-bz2/ca-certificates-
20220614/mk-ca-bundle.pl
```

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### 1.26.1 Available under license :

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 */
```

Found in path(s):

```
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/ServerChannelRecvByteBufAllocator.java
```

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Found in path(s):

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/nio/NioChannelOption.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/SimpleUserEventChannelHandler.java

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Found in path(s):

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/oio/OioDatagramChannel.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/oio/AbstractOioMessageChannel.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelPipeline.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelFutureListener.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/FixedRecvByteBufferAllocator.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/group/ChannelGroupFuture.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/DefaultFileRegion.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/oio/package-info.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-

jar/io/netty/channel/DefaultChannelConfig.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/ChannelFlushPromiseNotifier.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/EventLoopException.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/FileRegion.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/group/ChannelGroupFutureListener.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/VoidChannelPromise.java  
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jar/io/netty/channel/group/package-info.java  
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jar/io/netty/channel/Channel.java  
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jar/io/netty/channel/ChannelPromiseNotifier.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java  
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jar/io/netty/channel/ChannelException.java  
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jar/io/netty/channel/ChannelOutboundHandlerAdapter.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/socket/nio/NioSocketChannel.java  
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jar/io/netty/channel/ChannelInboundHandler.java  
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jar/io/netty/channel/socket/ChannelInputShutdownEvent.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
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jar/io/netty/channel/ChannelConfig.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/ChannelDuplexHandler.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-

jar/io/netty/channel/nio/NioEventLoopGroup.java  
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jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java  
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jar/io/netty/channel/ChannelPromise.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
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jar/io/netty/channel/CombinedChannelDuplexHandler.java  
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jar/io/netty/channel/ChannelOption.java  
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jar/io/netty/channel/nio/NioTask.java  
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jar/io/netty/channel/local/LocalChannelRegistry.java  
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jar/io/netty/channel/ChannelHandlerContext.java  
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jar/io/netty/channel/oio/AbstractOioByteChannel.java  
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jar/io/netty/channel/ChannelMetadata.java  
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jar/io/netty/channel/ChannelFuture.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/socket/DatagramPacket.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/MultithreadEventLoopGroup.java  
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jar/io/netty/channel/group/CombinedIterator.java  
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jar/io/netty/channel/socket/SocketChannel.java  
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jar/io/netty/channel/nio/AbstractNioChannel.java  
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jar/io/netty/channel/socket/InternetProtocolFamily.java  
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jar/io/netty/channel/SingleThreadEventLoop.java  
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jar/io/netty/channel/nio/AbstractNioMessageChannel.java  
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jar/io/netty/channel/ChannelOutboundHandler.java  
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jar/io/netty/channel/AbstractChannelHandlerContext.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/socket/oio/OioServerSocketChannel.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/oio/OioEventLoopGroup.java  
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jar/io/netty/channel/RecvByteBufAllocator.java  
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jar/io/netty/channel/DefaultEventLoopGroup.java  
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jar/io/netty/channel/ChannelInitializer.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/local/LocalEventLoopGroup.java  
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jar/io/netty/channel/socket/SocketChannelConfig.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/EventLoopGroup.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/bootstrap/package-info.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/group/DefaultChannelGroupFuture.java  
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jar/io/netty/channel/ChannelPipelineException.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/CompleteChannelFuture.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/ChannelInboundHandlerAdapter.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-  
jar/io/netty/channel/AbstractChannel.java

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- \* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
- \* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/internal/package-info.java
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- \* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
- \* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
- \* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
- \* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/internal/ChannelUtils.java
- \* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java

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\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ReflectiveChannelFactory.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/PendingWriteQueue.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-

jar/io/netty/channel/embedded/EmbeddedChannelId.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-

jar/io/netty/channel/AbstractEventLoop.java

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jar/io/netty/channel/oio/OioByteStreamChannel.java

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jar/io/netty/bootstrap/BootstrapConfig.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-

jar/io/netty/channel/WriteBufferWaterMark.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-

jar/io/netty/channel/group/VoidChannelGroupFuture.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/PreferHeapByteBufAllocator.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/SelectStrategy.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/DefaultSelectStrategyFactory.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelOutboundInvoker.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/bootstrap/AbstractBootstrapConfig.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/DuplexChannel.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelInboundInvoker.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/SelectStrategyFactory.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/bootstrap/ServerBootstrapConfig.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/DefaultSelectStrategy.java  
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\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/pool/SimpleChannelPool.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/pool/ChannelPoolMap.java  
\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/pool/ChannelPool.java

```

* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/pool/ChannelHealthChecker.java
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/pool/ChannelPoolHandler.java
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/pool/package-info.java
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/pool/FixedChannelPool.java
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its { @link ChannelPipeline }.
*
* <h3>Sub-types</h3>
* <p>
* { @link ChannelHandler } itself does not provide many methods, but you usually have to implement one of its
* subtypes:
* <ul>
* <li>{ @link ChannelInboundHandler } to handle inbound I/O events, and</li>
* <li>{ @link ChannelOutboundHandler } to handle outbound I/O operations.</li>
* </ul>
* </p>

```

```

* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{ @link ChannelInboundHandlerAdapter } to handle inbound I/O events,</li>
* <li>{ @link ChannelOutboundHandlerAdapter } to handle outbound I/O operations, and</li>
* <li>{ @link ChannelDuplexHandler } to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A { @link ChannelHandler } is provided with a { @link ChannelHandlerContext }
* object. A { @link ChannelHandler } is supposed to interact with the
* { @link ChannelPipeline } it belongs to via a context object. Using the
* context object, the { @link ChannelHandler } can pass events upstream or
* downstream, modify the pipeline dynamically, or store the information
* (using { @link AttributeKey }s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A { @link ChannelHandler } often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends { @link SimpleChannelInboundHandler } &lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     { @code @Override }
*     public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
*     }
* }
* ...

```

```

* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See { @link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends { @link ChannelInitializer}&lt;&gt;{ @link Channel}&gt; {
*     { @code @Override}
*     public void initChannel({ @link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using { @link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use { @link AttributeKey}s which is provided by
* { @link ChannelHandlerContext}:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* { @code @Sharable}
* public class DataServerHandler extends { @link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final { @link AttributeKey}&lt;&gt;{ @link Boolean}&gt; auth =
*         { @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     { @code @Override}
*     public void channelRead({ @link ChannelHandlerContext} ctx, Message message) {
*         { @link Attribute}&lt;&gt;{ @link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
* }

```

```
* ...
* }
* </pre>
* Now that the state of the handler is attached to the { @link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
```

```
* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer}&It;{ @link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     { @code @Override}
*     public void initChannel({ @link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
```

```
*
*
* <h4>The { @code @Sharable} annotation</h4>
```

```
* <p>
* In the example above which used an { @link AttributeKey},
* you might have noticed the { @code @Sharable} annotation.
```

```
* <p>
* If a { @link ChannelHandler} is annotated with the { @code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more { @link ChannelPipeline}s multiple times without
* a race condition.
```

```
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
```

```
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
```

```
*
* <h3>Additional resources worth reading</h3>
```

```
* <p>
* Please refer to the { @link ChannelHandler}, and
* { @link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/ChannelHandler.java
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* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/CoalescingBufferQueue.java
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* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/EventLoopTaskQueueFactory.java
```

```
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/ExtendedClosedChannelException.java
```

```
* /opt/cola/permits/1350828746_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-
jar/io/netty/channel/ChannelHandlerMask.java
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jar/io/netty/channel/AbstractCoalescingBufferQueue.java  
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jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/AbstractEventLoopGroup.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/AddressedEnvelope.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/group/ChannelGroup.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelProgressivePromise.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelHandlerAdapter.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelProgressiveFutureListener.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelId.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/DefaultMessageSizeEstimator.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/nio/SelectedSelectionKeySet.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/SimpleChannelInboundHandler.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ConnectTimeoutException.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/bootstrap/ChannelFactory.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelProgressiveFuture.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/group/ChannelMatcher.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/DefaultChannelId.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/DefaultChannelProgressivePromise.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/ChannelOutboundBuffer.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/MessageSizeEstimator.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/group/ChannelGroupException.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/DefaultAddressedEnvelope.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/group/DefaultChannelGroup.java

\* /opt/cola/permits/1350828746\_1656063997.4516613/0/netty-transport-4-1-78-final-sources-1-jar/io/netty/channel/group/ChannelMatchers.java

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```
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/bind/TreeTypeAdapter.java  
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/bind/DateTypeAdapter.java  
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/ConstructorConstructor.java  
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java  
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/UnsafeAllocator.java  
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java  
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/LazilyParsedNumber.java
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jar/com/google/gson/internal/bind/ArrayAdapter.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/internal/bind/JsonTreeReader.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/internal/bind/CollectionAdapterFactory.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/internal/bind/MapAdapterFactory.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
```

jar/com/google/gson/TypeAdapterFactory.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/JsonReaderInternalAccess.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java  
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\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/LongSerializationPolicy.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/FieldAttributes.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonParser.java  
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\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonObject.java

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\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-

jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/JsonSerializationContext.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/JsonParseException.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/ObjectConstructor.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/Gson.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/JsonIOException.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/reflect/TypeToken.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/JsonDeserializer.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/annotations/Expose.java  
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jar/com/google/gson/internal/Primitives.java  
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jar/com/google/gson/GsonBuilder.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/JsonSerializer.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/annotations/Since.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/JsonPrimitive.java  
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jar/com/google/gson/ExclusionStrategy.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/annotations/Until.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/InstanceCreator.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonNull.java  
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  - \* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/LinkedTreeMap.java
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  - \* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/stream/JsonScope.java
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jar/com/google/gson/internal/reflect/PreJava9ReflectionAccessor.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/reflect/ReflectionAccessor.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/reflect/UnsafeReflectionAccessor.java  
\* /opt/cola/permits/1330613678\_1652979131.328877/0/gson-2-8-9-sources-2-  
jar/com/google/gson/internal/PreJava9DateFormatProvider.java  
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jar/com/google/gson/ToNumberPolicy.java  
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jar/com/google/gson/ToNumberStrategy.java

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jar/com/squareup/moshi/internal/Util.java  
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jar/com/squareup/moshi/ArrayJsonAdapter.java  
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jar/com/squareup/moshi/AdapterMethodsFactory.java  
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jar/com/squareup/moshi/JsonDataException.java  
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\* /opt/ws\_local/PERMITS\_SQL/1034036646\_1591843968.17/0/moshi-1-9-2-sources-

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jar/com/squareup/moshi/JsonUtf8Reader.java
* /opt/ws_local/PERMITS_SQL/1034036646_1591843968.17/0/moshi-1-9-2-sources-
jar/com/squareup/moshi/JsonWriter.java
* /opt/ws_local/PERMITS_SQL/1034036646_1591843968.17/0/moshi-1-9-2-sources-
jar/com/squareup/moshi/JsonReader.java
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jar/org/ehcache/impl/internal/classes/commonslang/reflect/MemberUtils.java
* /opt/cola/permits/1297807372_1648724655.73/0/ehcache-3-9-9-sources-
jar/org/ehcache/impl/internal/classes/commonslang/reflect/ConstructorUtils.java
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jar/org/ehcache/core/statistics/ChainedObserver.java

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jar/org/ehcache/impl/internal/spi/resilience/DefaultResilienceStrategyProviderFactory.java

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jar/org/ehcache/core/util/ByteBufferInputStream.java

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jar/org/ehcache/xml/service/DefaultCacheEventDispatcherConfigurationParser.java

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jar/org/ehcache/impl/config/event/DefaultEventSourceConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/persistence/DefaultDiskResourceService.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/spi/store/InternalCacheManager.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/spi/service/LocalPersistenceService.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/jsr107/EventListenerAdaptors.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/internal/statistics/DelegatingOperationObserver.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/persistence/DefaultLocalPersistenceServiceFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/offheap/HeuristicConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/jsr107/config/ConfigurationElementState.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/spi/store/heap/SizeOfEngineProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-

jar/org/ehcache/spi/service/ServiceConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/CacheConfigurationChangeListener.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/spi/resilience/DefaultResilienceStrategyProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/service/OffHeapDiskStoreConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/loaderwriter/writebehind/WriteBehind.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/NullCompletionListener.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/time/TickingTimeSource.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/config/Js107CacheConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/service/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/config/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/service/ServiceFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/AbstractWrapperStoreProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/WriteAllOperation.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/store/heap/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/provider/DefaultSerializationProviderConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/service/MaintainableService.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/BulkCacheWritingException.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/serializer/DefaultSerializationProviderConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/persistence/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/events/CacheManagerListener.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/persistence/PersistableResourceService.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/internal/util/ValueSuppliers.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/TimeSourceServiceFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/model/CacheTemplate.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-

jar/org/ehcache/impl/internal/events/FudgingInvocationScopedEventSink.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/event/EventType.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/service/ExecutionService.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/loaderwriter/LoaderWriterStoreProviderFactory.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/internal/statistics/DefaultTierStatistics.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/BulkOps.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/loaderwriter/writebehind/WriteBehindProviderFactory.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/tiering/LowerCachingTier.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/OffHeapStore.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/tiering/AuthoritativeTier.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/serialization/package-info.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/internal/tck/Eh107MBeanServerBuilder.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/provider/ThreadPoolServiceCreationConfigurationParser.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/events/CacheEventDispatcherFactoryImpl.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/holders/OnHeapKey.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/disk/OffHeapDiskStore.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/expiry/Expiry.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/util/ClassLoading.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107Configuration.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/provider/CacheManagerPersistenceConfigurationParser.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/loaderwriter/writebehind/NonBatchingLocalHeapWriteBehindQueue.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107Cache.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/CloseUtil.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/osgi/SafeOsgi.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/sizeof/NoopSizeOfEngine.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/service/FileBasedPersistenceContext.java  
 \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/exceptions/ExceptionFactory.java

- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/internal/resilience/ThrowingResilienceStrategy.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/event/CacheEventListener.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/Builder.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/builders/UserManagedCacheConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/ResourceConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/AbstractOffHeapStore.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/holders/CopiedOnHeapValueHolder.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheLoaderWriterProvider.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/model/CacheSpec.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/AuthoritativeTierOperationOutcomes.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/sizeof/DefaultSizeOfEngineProvider.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/expiry/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/events/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/events/CacheEventAdapter.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/AbstractResourcePool.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/copy/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/OffHeapStoreUtils.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/Js107Cache.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/executor/OutOfBandScheduledExecutor.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/events/StoreEventImpl.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/events/CacheEventNotificationListenerServiceProviderFactory.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/executor/PooledExecutionService.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/loaderwriter/LocalLoaderWriterStore.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/CoreServiceCreationConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/ResourceUnit.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/internal/statistics/StatsUtils.java

- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/builders/ExpiryPolicyBuilder.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/OnHeapStrategy.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/EvictionAdvisor.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/copy/SerializingCopier.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/CachePersistenceException.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/OnHeapStoreProviderFactory.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/executor/DefaultExecutionServiceFactory.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/store/heap/DefaultSizeOfEngineConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/PersistentUserManagedCache.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/CacheLoaderWriterProvider.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/BasicOffHeapValueHolder.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/FluentConfigurationBuilder.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/resilience/StoreAccessException.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/executor/ExecutorUtil.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/model/SizeOfEngineLimits.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/SourceStatistic.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/HigherCachingTierOperationOutcomes.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/copy/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/persistence/CacheManagerPersistenceConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/exceptions/XmlConfigurationException.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/store/StoreSupport.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/serialization/FloatSerializer.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-

jar/org/ehcache/impl/internal/store/disk/factories/EhcachePersistentSegmentFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/store/BaseStore.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/spi/serialization/DefaultSerializationProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/EhcacheConcurrentOffHeapClockCache.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/serialization/StringSerializer.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/ExpiryPolicyToEhcacheExpiry.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/Eviction.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/service/StatisticsService.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/events/CacheEvents.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/ResourcePools.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/expiry/Duration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/CachingTierOperationOutcomes.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/CacheStatistics.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/tiering/TieredStore.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/ConfigurationMerger.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/sizeof/DefaultSizeOfEngineProviderFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/internal/statistics/DefaultStatisticsServiceFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/util/ServiceUtil.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/EhcacheBase.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/service/PluralService.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/internal/statistics/DelegatingOperationStatistic.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/events/InvocationScopedEventSink.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/resilience/RobustLoaderWriterResilienceStrategy.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/builders/WriteBehindConfigurationBuilder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/internal/statistics/DelegatedMappedOperationStatistics.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/events/StoreEvent.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-

jar/org/ehcache/core/exceptions/StorePassThroughException.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/events/StateChangeListener.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/store/DefaultStoreEventDispatcher.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/classes/ClassInstanceProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/config/builders/UserManagedCacheBuilder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/events/EventListenerWrapper.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/persistence/DefaultDiskResourceServiceFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/executor/PartitionedOrderedExecutor.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/spi/store/ConfigurationChangeSupport.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/InternalStatus.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/statistics/TierOperationOutcomes.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/config/store/disk/OffHeapDiskStoreProviderConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/jsr107/internal/Js107LatencyMonitor.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/spi/time/TimeSourceService.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/spi/store/WrapperStore.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/spi/resilience/RecoveryStore.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/config/copy/DefaultCopierConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/config/builders/CacheManagerBuilder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/config/executor/PooledExecutionServiceConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/statistics/OperationStatistic.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/spi/loaderwriter/WriteBehindProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/loaderwriter/writebehind/BatchingLocalHeapWriteBehindQueue.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/config/event/DefaultCacheEventListenerConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/serialization/ByteArraySerializer.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/executor/OnDemandExecutionService.java

- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/builders/CacheConfigurationBuilder.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/builders/CacheManagerConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/service/ServiceCreationConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CompleteConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/events/CacheEventListenerConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/units/EntryUnit.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/tiering/CompoundCachingTier.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/events/ThreadLocalStoreEventDispatcher.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/internal/statistics/DefaultCacheStatistics.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/HumanReadable.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/config/store/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/persistence/StateHolder.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/DefaultTimeSourceService.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/copy/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/CacheWritingException.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/Backend.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/ValueStatistic.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/serialization/StatefulSerializer.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/service/DefaultCacheEventListenerConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/expiry/Expirations.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/events/CacheEventListenerProvider.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/DeleteOperation.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/config/Js107Configuration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/ResourcePool.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/osgi/OsgiServiceLoader.java

- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/MemorySizeParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/units/MemoryUnit.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/loaderwriter/DefaultCacheLoaderWriterConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/KeyCopyBackend.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/CacheConfigurationChangeEvent.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/JaxbParsers.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/config/DefaultConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/LifeCycled.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/persistence/DefaultLocalPersistenceService.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/CacheServiceConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/XmlConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/ValueSupplier.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/copy/Copier.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/disk/EhcachePersistentConcurrentOffHeapClockCache.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/events/DisabledCacheEventNotificationService.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/Store.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/builders/ConfigurationBuilder.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/config/store/StoreEventSourceConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/event/EventFiring.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/resilience/ResilienceStrategy.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/loaderwriter/DefaultCacheLoaderWriterProviderConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/service/ServiceUtils.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/WriteBehindConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/DefaultConfigurationResolver.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/service/DefaultWriteBehindConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/provider/OffHeapDiskStoreProviderConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/time/package-info.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/CacheLoadingException.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/serialization/TransientStateHolder.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/resilience/DefaultResilienceStrategyProviderConfiguration.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/service/DefaultSizeOfEngineConfigurationParser.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/persistence/FileUtils.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/copy/ReadWriteCopier.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/events/EventDispatchTask.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/StateTransitionException.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheMXBean.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/tiering/HigherCachingTier.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/internal/statistics/DefaultStatisticsService.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/events/package-info.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/loaderwriter/LoaderWriterValueHolder.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/config/package-info.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/persistence/package-info.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/SingleOperation.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/internal/DefaultJsr107Service.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/OffHeapMapStatistics.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/Status.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/factories/EhcacheSegmentFactory.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/classes/ClassInstanceConfiguration.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/loaderwriter/writebehind/DefaultWriteBehindConfiguration.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/service/OptionalServiceDependencies.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/spi/copy/DefaultCopyProvider.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-

jar/org/ehcache/impl/config/event/CacheEventDispatcherFactoryConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/tiering/CompoundCachingTierProviderFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/events/NullStoreEventDispatcher.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/xml/service/SimpleCoreServiceConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/units/package-  
info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/package-  
info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/copy/IdentityCopier.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/sizeof/listeners/exceptions/VisitorListenerException.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/spi/loaderwriter/CacheLoaderWriterConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/offheap/portability/SerializerPortability.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/store/StoreConfigurationImpl.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/xml/ConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/serialization/TransientStateRepository.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/config/persistence/DefaultPersistenceConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/xml/service/DefaultResilienceStrategyConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/events/StoreEvents.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Unwrap.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/heap/holders/BaseOnHeapKey.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/disk/DiskWriteThreadPool.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/EhcacheRuntimeConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/spi/resilience/ResilienceStrategyProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/statistics/OperationObserver.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/xml/CacheResourceConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/spi/copy/CopyProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/persistence/FileBasedStateRepository.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/spi/loaderwriter/DefaultCacheLoaderWriterProviderFactory.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/events/CacheEventDispatcher.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/config/ExpiryUtils.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/provider/DefaultSizeOfEngineProviderConfigurationParser.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/config/store/StoreStatisticsConfiguration.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/executor/PartitionedUnorderedExecutor.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/resilience/package-info.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheEntryEvent.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/LifeCycledAdapter.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/event/CacheEvent.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/InternalRuntimeConfiguration.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/StoreOperationOutcomes.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/internal/Js107CacheConfigurationParser.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/loaderwriter/LoaderWriterStoreProvider.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/holders/LookupOnlyOnHeapKey.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/events/StoreEventDispatcher.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/builders/PooledExecutionServiceConfigurationBuilder.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/spi/event/DefaultCacheEventListenerProviderFactory.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/loaderwriter/writebehind/StripedWriteBehind.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/model/ListenersConfig.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/store/heap/DefaultSizeOfEngineProviderConfiguration.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/events/AbstractStoreEventDispatcher.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/config/CoreConfigurationBuilder.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/CacheRuntimeConfiguration.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-

jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/DeleteAllOperation.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/sizeof/DefaultSizeOfEngine.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/BinaryOffHeapValueHolder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/event/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/FluentCacheConfigurationBuilder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/loaderwriter/LocalWriteBehindLoaderWriterStore.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/tiering/TieredStoreProviderFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/BinaryValueHolder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/service/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/spi/serialization/DefaultSerializationProviderFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/service/DefaultSerializerConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/JaxbHelper.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/ResourceType.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/loaderwriter/writebehind/DefaultBatchingConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/StatisticType.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/heap/SizeOfEngine.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/InternalCache.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/service/CacheManagerProviderService.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/EhcacheOffHeapBackingMap.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/resilience/DefaultResilienceStrategyConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/heap/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/serialization/LongSerializer.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/tiering/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/CacheManagerServiceConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/LazyOffHeapValueHolder.java

\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/resilience/DefaultRecoveryStore.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/util/ThreadFactoryUtil.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/service/ServiceDependencies.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/serialization/SerializationProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/BaseCacheConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/persistence/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/service/DiskResourceService.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/ServiceCreationConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/CacheLoaderWriter.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/util/Pacer.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/osgi/EhcacheActivator.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/CacheManager.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheStatisticsMXBean.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/events/StoreEventSink.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/provider/DefaultCopyProviderConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/PersistentCacheManager.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/events/CacheEventDispatcherImpl.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/serializer/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/copy/DefaultCopyProviderConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/time/SystemTimeSource.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheLoaderWriter.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/CacheIterationException.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/provider/SimpleCoreServiceCreationConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/SimpleBackend.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-

jar/org/ehcache/spi/serialization/Serializer.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/AbstractValueHolder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/events/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/spi/loaderwriter/DefaultCacheLoaderWriterProvider.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/builders/ResourcePoolsBuilder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/holders/OnHeapValueHolder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/serialization/CompactJavaSerializer.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/BulkCacheLoadingException.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/heap/LimitExceededException.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/serialization/SerializerException.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/serialization/PlainJavaSerializer.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/CoreCacheConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/persistence/StateRepository.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/event/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/serialization/CharSerializer.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/XmlModel.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/loaderwriter/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/SpecIterator.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/TierStatistics.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107Expiry.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/basic/NopStore.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/time/TimeSource.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/resilience/RobustResilienceStrategy.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/PersistentUserManagedEhcache.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/builders/CacheEventListenerConfigurationBuilder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/config/SizedResourcePool.java

- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/spi/copy/DefaultCopyProviderFactory.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/service/DefaultCacheLoaderWriterConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/events/CloseableStoreEventSink.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/EhcacheManager.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/store/events/StoreEventListener.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/SwitchableEvictionAdvisor.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/ServiceConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/LowerCachingTierOperationsOutcome.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/provider/CacheEventDispatcherFactoryConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/model/Expiry.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/DefaultCacheManagerProviderService.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/spi/ServiceLocator.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/event/EventOrdering.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/classes/ClassInstanceProviderConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/spi/service/Service.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/UserManagedCache.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheManager.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/package-info.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/events/CacheEventDispatcherFactory.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/OffHeapStoreProviderFactory.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/internal/TimeSourceConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/config/store/disk/OffHeapDiskStoreConfiguration.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/xml/provider/WriteBehindProviderConfigurationParser.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/statistics/ZeroOperationStatistic.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/jsr107/ListenerResources.java
- \* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-

jar/org/ehcache/xml/multi/XmlMultiConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/jsr107/Eh107ReverseConfiguration.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/heap/holders/SerializedOnHeapValueHolder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/jsr107/Eh107MXBean.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/StatusTransitioner.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/expiry/ExpiryPolicy.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/executor/PartitionedScheduledExecutor.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/config/ResourcePoolsImpl.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/impl/store/HashUtils.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-jar/org/ehcache/core/Ehcache.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/spi/store/events/StoreEventFilter.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/jsr107/internal/Jsr107ServiceConfigurationParser.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/offheap/OffHeapValueHolder.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/statistics/CacheOperationOutcomes.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/config/loaderwriter/writebehind/package-info.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/config/SizedResourcePoolImpl.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/resilience/AbstractResilienceStrategy.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/disk/OffHeapDiskStoreProviderFactory.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/sizeof/listeners/EhcacheVisitorListener.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/core/spi/store/events/StoreEventSource.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/spi/serialization/UnsupportedTypeException.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/impl/internal/loaderwriter/writebehind/AbstractWriteBehind.java  
\* /opt/cola/permits/1297807372\_1648724655.73/0/ehcache-3-9-9-sources-  
jar/org/ehcache/xml/CoreServiceConfigurationParser.java

## 1.38 javax-websocket-client-impl

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#### Eclipse

The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

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#### Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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#### Oracle OpenJDK

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

- \* java.sun.security.ssl

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

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

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#### OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

-----

MortBay

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

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

-----

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by

Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.  
Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

## 1.39 netty-transport 4.1.82.Final

### 1.39.1 Available under license :

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

```
/*
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 * WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
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 * under the License.
 */
```

Found in path(s):

```
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/ChannelPipeline.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/embedded/package-info.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/group/CombinedIterator.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/Channel.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/oio/AbstractOioChannel.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
```

jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelInboundHandlerAdapter.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelFlushPromiseNotifier.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/ChannelInputShutdownEvent.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/oio/package-info.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/package-info.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelException.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/RecvByteBufAllocator.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/oio/AbstractOioByteChannel.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/nio/package-info.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/FileRegion.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/nio/NioTask.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelPipelineException.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/DefaultChannelPipeline.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/local/package-info.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelHandlerContext.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/CombinedChannelDuplexHandler.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/InternetProtocolFamily.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/EventLoopException.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/local/LocalAddress.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/ServerSocketChannelConfig.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/oio/package-info.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/local/LocalChannelRegistry.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-

jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/oio/OioEventLoopGroup.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/DefaultChannelPromise.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ThreadPerChannelEventLoop.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/oio/OioServerSocketChannel.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/bootstrap/AbstractBootstrap.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ServerChannel.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/DatagramChannelConfig.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
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jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelOption.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelInitializer.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/AbstractServerChannel.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
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jar/io/netty/channel/AbstractChannelHandlerContext.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelPromiseNotifier.java  
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jar/io/netty/channel/EventLoop.java  
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jar/io/netty/channel/socket/nio/package-info.java  
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jar/io/netty/channel/group/ChannelGroupFutureListener.java  
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jar/io/netty/channel/ChannelInboundHandler.java  
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jar/io/netty/channel/socket/DatagramChannel.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-

jar/io/netty/channel/socket/DatagramPacket.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/DefaultChannelConfig.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/nio/AbstractNioChannel.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/MultithreadEventLoopGroup.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/nio/AbstractNioMessageChannel.java  
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jar/io/netty/channel/ChannelFutureListener.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/DefaultEventLoop.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/DefaultEventLoopGroup.java  
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jar/io/netty/channel/ChannelOutboundHandler.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/DefaultFileRegion.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelOutboundHandlerAdapter.java  
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jar/io/netty/channel/SingleThreadEventLoop.java  
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jar/io/netty/channel/EventLoopGroup.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/VoidChannelPromise.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/group/package-info.java  
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jar/io/netty/channel/nio/AbstractNioByteChannel.java  
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jar/io/netty/channel/local/LocalEventLoopGroup.java  
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jar/io/netty/channel/ChannelPromiseAggregator.java  
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jar/io/netty/channel/ChannelPromise.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/oio/AbstractOioMessageChannel.java  
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jar/io/netty/channel/SucceededChannelFuture.java  
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jar/io/netty/channel/ChannelDuplexHandler.java  
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jar/io/netty/channel/socket/oio/OioDatagramChannel.java  
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jar/io/netty/channel/embedded/EmbeddedChannel.java  
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jar/io/netty/channel/nio/NioEventLoop.java  
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jar/io/netty/channel/group/ChannelGroupFuture.java  
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jar/io/netty/channel/ChannelConfig.java  
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jar/io/netty/channel/socket/nio/NioServerSocketChannel.java  
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jar/io/netty/channel/socket/ServerSocketChannel.java  
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jar/io/netty/channel/ChannelFuture.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/bootstrap/Bootstrap.java  
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jar/io/netty/channel/local/LocalServerChannel.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/nio/NioDatagramChannel.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/DefaultSocketChannelConfig.java  
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jar/io/netty/channel/FailedChannelFuture.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/socket/SocketChannelConfig.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-  
jar/io/netty/channel/ChannelMetadata.java

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- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolMap.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/pool/ChannelPool.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java

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\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java  
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\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java  
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\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java  
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\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/group/ChannelMatcher.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java  
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- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/PendingBytesTracker.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/bootstrap/FailedChannel.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/internal/package-info.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/internal/ChannelUtils.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java

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- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/EventLoopTaskQueueFactory.java
- \* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java

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* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/SimpleUserEventChannelHandler.java
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
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* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
jar/io/netty/channel/AbstractCoalescingBufferQueue.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its { @link ChannelPipeline }.
*
* <h3>Sub-types</h3>
* <p>
* { @link ChannelHandler } itself does not provide many methods, but you usually have to implement one of its
subtypes:
* <ul>
* <li>{ @link ChannelInboundHandler } to handle inbound I/O events, and</li>
* <li>{ @link ChannelOutboundHandler } to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
```

\* Alternatively, the following adapter classes are provided for your convenience:

- \* `<ul>`
- \* `<li>` { @link ChannelInboundHandlerAdapter } to handle inbound I/O events,`</li>`
- \* `<li>` { @link ChannelOutboundHandlerAdapter } to handle outbound I/O operations, and`</li>`
- \* `<li>` { @link ChannelDuplexHandler } to handle both inbound and outbound events`</li>`
- \* `</ul>`

\* `</p>`  
 \* `<p>`

\* For more information, please refer to the documentation of each subtype.

\* `</p>`

\*

\* `<h3>`The context object`</h3>`

\* `<p>`

\* A { @link ChannelHandler } is provided with a { @link ChannelHandlerContext } object. A { @link ChannelHandler } is supposed to interact with the { @link ChannelPipeline } it belongs to via a context object. Using the context object, the { @link ChannelHandler } can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using { @link AttributeKey }s) which is specific to the handler.

\*

\* `<h3>`State management`</h3>`

\*

\* A { @link ChannelHandler } often needs to store some stateful information.

\* The simplest and recommended approach is to use member variables:

\* `<pre>`

```
* public interface Message {
*     // your methods here
* }
```

\*

```
* public class DataServerHandler extends { @link SimpleChannelInboundHandler }&lt;Message&gt; {
```

\*

```
*     <b>private boolean loggedIn;</b>
```

\*

```
*     { @code @Override }
```

```
*     public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {
```

```
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
```

```
*             <b>loggedIn = true;</b>
```

```
*         } else (message instanceof GetDataMessage) {
```

```
*             if (<b>loggedIn</b>) {
```

```
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
```

```
*             } else {
```

```
*                 fail();
```

```
*             }
```

```
*         }
```

```
*     }
```

```
*     ...
```

```
* }
```

```

* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See { @link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends { @link ChannelInitializer}&lt;&gt;{ @link Channel}&lt;&gt; {
*     { @code @Override}
*     public void initChannel({ @link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using { @link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use { @link AttributeKey}s which is provided by
* { @link ChannelHandlerContext}:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* { @code @Sharable}
* public class DataServerHandler extends { @link SimpleChannelInboundHandler}&lt;&gt;Message&lt;&gt; {
*     private final { @link AttributeKey}&lt;&gt;{ @link Boolean}&lt;&gt; auth =
*         { @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     { @code @Override}
*     public void channelRead({ @link ChannelHandlerContext} ctx, Message message) {
*         { @link Attribute}&lt;&gt;{ @link Boolean}&lt;&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
* }
*
* ...

```

```
* }
* </pre>
* Now that the state of the handler is attached to the { @link ChannelHandlerContext }, you can add the
* same handler instance to different pipelines:
```

```
* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer } &lt; { @link Channel } &gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     { @code @Override }
*     public void initChannel({ @link Channel } channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
```

```
*
```

```
*
```

```
* <h4>The { @code @Sharable } annotation</h4>
```

```
* <p>
```

```
* In the example above which used an { @link AttributeKey },
```

```
* you might have noticed the { @code @Sharable } annotation.
```

```
* <p>
```

```
* If a { @link ChannelHandler } is annotated with the { @code @Sharable }
```

```
* annotation, it means you can create an instance of the handler just once and
```

```
* add it to one or more { @link ChannelPipeline }s multiple times without
```

```
* a race condition.
```

```
* <p>
```

```
* If this annotation is not specified, you have to create a new handler
```

```
* instance every time you add it to a pipeline because it has unshared state
```

```
* such as member variables.
```

```
* <p>
```

```
* This annotation is provided for documentation purpose, just like
```

```
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
```

```
*
```

```
* <h3>Additional resources worth reading</h3>
```

```
* <p>
```

```
* Please refer to the { @link ChannelHandler }, and
```

```
* { @link ChannelPipeline } to find out more about inbound and outbound operations,
```

```
* what fundamental differences they have, how they flow in a pipeline, and how to handle
```

```
* the operation in your application.
```

```
*/
```

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```
* /opt/cola/permits/1424147510_1663873741.4137669/0/netty-transport-4-1-82-final-sources-
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\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/SelectStrategyFactory.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/WriteBufferWaterMark.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/group/VoidChannelGroupFuture.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/SelectStrategy.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java  
\* /opt/cola/permits/1424147510\_1663873741.4137669/0/netty-transport-4-1-82-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java

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```
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```

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```

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```
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```

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```

```
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Ty Coon, President of Vice
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## 1.42 netty-codec 4.1.82.Final

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\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/CharSequenceValueConverter.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/ValueConverter.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/DefaultHeadersImpl.java

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*/
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* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

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```
* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/base64/Base64Dialect.java
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* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/DecoderResult.java
* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/MessageAggregator.java
* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/compression/DecompressionException.java
* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
```

jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/CorruptedFrameException.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/string/package-info.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/ZlibCodecFactory.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/Delimiters.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/DecoderException.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/bytes/package-info.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/MarshallerProvider.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/package-info.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/string/StringEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/ZlibEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/ZlibWrapper.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/ReplayingDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/base64/Base64Encoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/base64/package-info.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/ReferenceMap.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-

jar/io/netty/handler/codec/compression/Snappy.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/WeakReferenceMap.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/ClassResolver.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/base64/Base64Decoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/JdkZlibEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/MessageToByteEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/TooLongFrameException.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/ByteToMessageCodec.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/string/StringDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/LimitingByteInput.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/ClassResolvers.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/FixedLengthFrameDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/package-info.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/package-info.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/MessageToMessageEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/SoftReferenceMap.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/package-info.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/MessageToMessageCodec.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/LengthFieldPrepender.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-

jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/JZlibEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/CompressionException.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/MessageToMessageDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/EncoderException.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/CodecException.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/ByteToMessageDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/LineBasedFrameDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/ZlibDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/ZlibUtil.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/ObjectDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/CachingClassResolver.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/xml/package-info.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/protobuf/package-info.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/UnsupportedMessageTypeException.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/PrematureChannelClosureException.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/serialization/ObjectEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/JZlibDecoder.java

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/\*\*

\* Utility class for {@link ByteBuf} that encodes and decodes to and from

\* [Base64](https://en.wikipedia.org/wiki/Base64) notation.

\* <p>

\* The encoding and decoding algorithm in this class has been derived from

\* [Robert Harder's Public Domain](http://iharder.sourceforge.net/current/java/base64/)

\* Base64 Encoder/Decoder</a>.

\*/

Found in path(s):

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/base64/Base64.java

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Found in path(s):

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/Lz4XXHash32.java

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\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/HeadersUtils.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionResult.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionState.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/UnsupportedValueConverter.java

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\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/Crc32c.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java

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/\*\*  
\* A decoder that splits the received {@link ByteBuf}s dynamically by the  
\* value of the length field in the message. It is particularly useful when you  
\* decode a binary message which has an integer header field that represents the  
\* length of the message body or the whole message.  
\* <p>  
\* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so  
\* that it can decode any message with a length field, which is often seen in  
\* proprietary client-server protocols. Here are some example that will give

\* you the basic idea on which option does what.  
 \*  
 \* <h3>2 bytes length field at offset 0, do not strip header</h3>  
 \*  
 \* The value of the length field in this example is <tt>12 (0x0C)</tt> which  
 \* represents the length of "HELLO, WORLD". By default, the decoder assumes  
 \* that the length field represents the number of the bytes that follows the  
 \* length field. Therefore, it can be decoded with the simplistic parameter  
 \* combination.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>0</b>
* <b>lengthFieldLength</b> = <b>2</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0 (= do not strip header)
```

```
* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |   | 0x000C | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
```

\* <h3>2 bytes length field at offset 0, strip header</h3>  
 \*  
 \* Because we can get the length of the content by calling  
 \* { @link ByteBuf#readableBytes() }, you might want to strip the length  
 \* field by specifying <tt>initialBytesToStrip</tt>. In this example, we  
 \* specified <tt>2</tt>, that is same with the length of the length field, to  
 \* strip the first two bytes.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
```

```
* BEFORE DECODE (14 bytes)    AFTER DECODE (12 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Actual Content |
* | 0x000C | "HELLO, WORLD" |   | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
```

\* <h3>2 bytes length field at offset 0, do not strip header, the length field  
 \* represents the length of the whole message</h3>  
 \*  
 \* In most cases, the length field represents the length of the message body  
 \* only, as shown in the previous examples. However, in some protocols, the  
 \* length field represents the length of the whole message, including the

\* message header. In such a case, we specify a non-zero  
 \* <tt>lengthAdjustment</tt>. Because the length value in this example message  
 \* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>  
 \* as <tt>lengthAdjustment</tt> for compensation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
```

\* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)

```
* +-----+-----+-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |   | 0x000E | "HELLO, WORLD" |
* +-----+-----+-----+-----+
```

```
* </pre>
```

\* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>

\* The following message is a simple variation of the first example. An extra  
 \* header value is prepended to the message. <tt>lengthAdjustment</tt> is zero  
 \* again because the decoder always takes the length of the prepended data into  
 \* account during frame length calculation.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
```

\* BEFORE DECODE (17 bytes)      AFTER DECODE (17 bytes)

```
* +-----+-----+-----+-----+
* | Header 1 | Length | Actual Content |---->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |   | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+-----+
```

```
* </pre>
```

\* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>

\* This is an advanced example that shows the case where there is an extra  
 \* header between the length field and the message body. You have to specify a  
 \* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra  
 \* header into the frame length calculation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
```

```

* BEFORE DECODE (17 bytes)          AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | Length | Header 1 | Actual Content |---->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |    | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>

```

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,  
 \* strip the first header field and the length field</h3>

\* This is a combination of all the examples above. There are the prepended  
 \* header before the length field and the extra header after the length field.  
 \* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra  
 \* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero  
 \* <tt>initialBytesToStrip</tt> to strip the length field and the prepended  
 \* header from the frame. If you don't want to strip the prepended header, you  
 \* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.

```

* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)

```

```

* BEFORE DECODE (16 bytes)          AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |    | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>

```

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,  
 \* strip the first header field and the length field, the length field  
 \* represents the length of the whole message</h3>

\* Let's give another twist to the previous example. The only difference from  
 \* the previous example is that the length field represents the length of the  
 \* whole message instead of the message body, just like the third example.  
 \* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.  
 \* Please note that we don't need to take the length of HDR2 into account  
 \* because the length field already includes the whole header length.

```

* <pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>

```

```

* BEFORE DECODE (16 bytes)          AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+

```

```

* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+-----+-----+
* </pre>
* @see LengthFieldPrepender
*/

```

Found in path(s):

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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```

```

*/

```

Found in path(s):

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java

```

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/DecoderResultProvider.java

```

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java

```

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/compression/LzfDecoder.java

```

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/json/package-info.java

```

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java

```

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java

```

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2Decoder.java

```

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java

```

```

* /opt/cola/permits/1448973031_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-

```

jar/io/netty/handler/codec/compression/Bzip2Encoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2BitWriter.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/AsciiHeadersEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2BitReader.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/FastLz.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2Rand.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/MessageAggregationException.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2Constants.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/json/JsonObjectDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Lz4Constants.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/LzfEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/Crc32.java

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\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/EmptyHeaders.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/DefaultHeaders.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/Headers.java

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\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/DatagramPacketDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/ByteBufChecksum.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/string/LineSeparator.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-  
jar/io/netty/handler/codec/compression/CompressionUtil.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-

jar/io/netty/handler/codec/DateFormatter.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/string/LineEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/DatagramPacketEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/CodecOutputList.java  
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\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/CompressionOptions.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/ZstdConstants.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/DeflateOptions.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/BrotliOptions.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/BrotliEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/GzipOptions.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/ZstdEncoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/BrotliDecoder.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/Zstd.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java  
\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/ZstdOptions.java

\* /opt/cola/permits/1448973031\_1666405900.4585948/0/netty-codec-4-1-82-final-sources-1-jar/io/netty/handler/codec/compression/Brotli.java

## 1.43 jjwt 0.9.1

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Found in path(s):

\* /opt/cola/permits/1227291717\_1636733529.67/0/jjwt-0-9-1-jar/META-INF/maven/io.jsonwebtoken/jjwt/pom.xml

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```
Manifest-Version: 1.0
Export-Package: io.jsonwebtoken;version="0.9.1",io.jsonwebtoken.lang;v
ersion="0.9.1"
Implementation-Title: JSON Web Token support for the JVM
Implementation-Version: 0.9.1
Built-By: lhazlewood
Tool: Bnd-3.3.0.201609221906
Bundle-Name: JSON Web Token support for the JVM
Created-By: Apache Maven Bundle Plugin
Implementation-URL: https://github.com/jwtkt/jjwt
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"
Implementation-Vendor-Id: io.jsonwebtoken
Bundle-Version: 0.9.1
Build-Jdk: 1.7.0_80
Bnd-LastModified: 1530831044984
Bundle-ManifestVersion: 2
Specification-Title: JSON Web Token support for the JVM
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-Description: Sonatype helps open source projects to set up Mave
n repositories on https://oss.sonatype.org/
```

Bundle-SymbolicName: io.jsonwebtoken.jwt  
Import-Package: android.util;resolution:=optional,org.bouncycastle.jce;  
resolution:=optional;version="[1.56,2)",org.bouncycastle.jce.spec;re  
solution:=optional;version="[1.56,2)",com.fasterxml.jackson.core;vers  
ion="[2.9,3)",com.fasterxml.jackson.databind;version="[2.9,3)",io.jso  
nwebtoken.lang,javax.crypto,javax.crypto.spec,javax.xml.bind  
Specification-Version: 0.9.1

Found in path(s):

\* /opt/cola/permits/1227291717\_1636733529.67/0/jjwt-0-9-1-jar/META-INF/MANIFEST.MF

## 1.44 Lombok 1.18.24

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## 1.45 java-jwt 3.14.0

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## 4.1.77.Final

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```
* /opt/cola/permits/1345501630_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/META-INF/maven/io.netty/netty-transport-native-unix-common/pom.xml
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\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/netty\_unix\_buffer.c  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/io/netty/channel/unix/PreferredDirectByteBufferAllocator.java  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/io/netty/channel/unix/Buffer.java  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/netty\_unix\_buffer.h

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\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/netty\_unix\_limits.h  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/io/netty/channel/unix/SocketWritableByteChannel.java  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/io/netty/channel/unix/PeerCredentials.java  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/netty\_unix\_limits.c  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/netty\_unix\_util.h  
\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/io/netty/channel/unix/Limits.java

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\* /opt/cola/permits/1345501630\_1655357193.5670915/0/netty-transport-native-unix-common-4-1-77-final-sources-2-jar/io/netty/channel/unix/DomainDatagramSocketAddress.java  
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\* org.eclipse.jetty.orbit:javax.security.auth.message

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- \* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

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

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

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

- \* java.sun.security.ssl

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

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

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

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Apache

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

org.apache.taglibs:taglibs-standard-impl

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MortBay

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

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

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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## 1.48 springdoc-openapi-webmvc-core 1.6.9

## 1.48.1 Available under license :

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# 1.49 libpng 1.6.37-r1

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\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/JWSAlgorithmFamilyJWSKeySelector.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/ECDHDecrypter.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/JWKMatcher.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/JWSVerificationKeySelector.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/JWEDecryptionKeySelector.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/DefaultJOSEProcessor.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/JOSEProcessorConfiguration.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/proc/DefaultJWTProcessor.java

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jar/com/nimbusds/jose/crypto/bc/BouncyCastleFIPSProviderSingleton.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/crypto/bc/package-info.java

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jar/com/nimbusds/jose/util/DateUtils.java  
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jar/com/nimbusds/jose/util/X509CertUtils.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/JWEHeader.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/jwk/KeyType.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/BadJOSEException.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/bc/BouncyCastleProviderSingleton.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/OctetSequenceKey.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/MACVerifier.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JWSSigner.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/PasswordBasedDecrypter.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/RSASSASigner.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/proc/ConfigurableJWTProcessor.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JWEEncrypter.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JOSEObjectType.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/util/JSONObjectUtils.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/ConfigurableJOSEProcessor.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/RSAAEncrypter.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/AsymmetricJWK.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jca/JCAContext.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/Header.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/SignedJWT.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/SecretJWK.java  
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\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/PlainHeader.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/ECKey.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/ECDSASigner.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/RSADecrypter.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/SecurityContext.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jca/package-info.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JWSAlgorithm.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/JOSEMatcher.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/JWSVerifierFactory.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/BadJWEException.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/CommonSEHeader.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jca/JCASupport.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/JWTParser.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/JWK.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/util/Base64URL.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/util/ResourceRetriever.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/EncryptionMethod.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/util/DefaultResourceRetriever.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/source/package-info.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JWECryptoParts.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jca/JCAAware.java  
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\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JWEAlgorithm.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/package-info.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/util/Resource.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/factories/package-info.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/KeyLengthException.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JWSVerifier.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/proc/DefaultJWTClaimsVerifier.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JWSObject.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/util/DeflateUtils.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/source/ImmutableJWKSet.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/KeyTypeException.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/util/JSONArrayUtils.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/proc/JWTClaimsSetVerifier.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/MACSigner.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JOSEObject.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/proc/JWTProcessor.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/JOSEProcessor.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/X25519Encrypter.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/proc/ClockSkewAware.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/proc/AbstractJWKSelectorWithSource.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/package-info.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/PlainJWT.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/JWT.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/ECPParameterTable.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/util/ByteUtils.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/KeyException.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/crypto/RSASSAVerifier.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/JWEDecrypter.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/RSAPublicKey.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/proc/JWTProcessorConfiguration.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/jwk/source/RemoteJWKSet.java

\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-

jar/com/nimbusds/jose/JOSEException.java  
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jar/com/nimbusds/jose/AlgorithmFamily.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jwt/JWTClaimsSet.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jwt/proc/BadJWTException.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jose/package-  
info.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/JWEObject.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/util/X509CertChainUtils.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/PlainObject.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/CompressionAlgorithm.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/proc/JWEDecrypterFactory.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/jwk/KeyOperation.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/jwk/source/JWKSSource.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/crypto/AESDecrypter.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/jwk/KeyUse.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/PayloadTransformer.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jwt/util/DateUtils.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/Requirement.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/util/Base64.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/Algorithm.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/jca/JWEJCAContext.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/jwk/KeyConverter.java  
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jar/com/nimbusds/jose/crypto/DirectDecrypter.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jwt/proc/package-info.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/JWSHeader.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-

jar/com/nimbusds/jose/crypto/ECDSAVerifier.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/JOSEProvider.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/RemoteKeySourceException.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/KeySourceException.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
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jar/com/nimbusds/jose/util/StandardCharset.java  
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jar/com/nimbusds/jose/proc/package-info.java  
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jar/com/nimbusds/jwt/JWTClaimsSetTransformer.java  
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jar/com/nimbusds/jose/util/AbstractRestrictedResourceRetriever.java  
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jar/com/nimbusds/jose/JWSProvider.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/proc/BadJWSException.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/jwk/JWKMetadata.java  
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jar/com/nimbusds/jose/util/RestrictedResourceRetriever.java  
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\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/crypto/factories/DefaultJWSVerifierFactory.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
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\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
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jar/com/nimbusds/jose/CriticalHeaderParamsAware.java  
\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-jar/com/nimbusds/jwt/package-

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* /opt/cola/permits/1176585407_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
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* /opt/cola/permits/1176585407_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
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jar/com/nimbusds/jose/crypto/factories/DefaultJWEDecrypterFactory.java  
* /opt/cola/permits/1176585407_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/JWEProvider.java
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\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/ActionRequiredForJWSCompletionException.java  
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jar/com/nimbusds/jose/crypto/utils/ECChecks.java  
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\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/crypto/impl/RSACryptoProvider.java  
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jar/com/nimbusds/jose/crypto/impl/DeflateHelper.java

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\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
jar/com/nimbusds/jose/jwk/gen/OctetKeyPairGenerator.java

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\* /opt/cola/permits/1176585407\_1624903332.1/0/nimbus-jose-jwt-9-10-1-sources-  
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## 1.51 netty-reactive-streams 2.0.5

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## 1.52 swagger-annotations 1.5.20

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```
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jar/io/swagger/annotations/ApiResponse.java
* /opt/cola/permits/1177939701_1625570671.31/0/swagger-annotations-1-5-20-sources-1-
jar/io/swagger/annotations/Extension.java
* /opt/cola/permits/1177939701_1625570671.31/0/swagger-annotations-1-5-20-sources-1-
jar/io/swagger/annotations/ExampleProperty.java
* /opt/cola/permits/1177939701_1625570671.31/0/swagger-annotations-1-5-20-sources-1-
jar/io/swagger/annotations/ApiResponse.java
* /opt/cola/permits/1177939701_1625570671.31/0/swagger-annotations-1-5-20-sources-1-
jar/io/swagger/annotations/ApiImplicitParam.java
* /opt/cola/permits/1177939701_1625570671.31/0/swagger-annotations-1-5-20-sources-1-
jar/io/swagger/annotations/ApiParam.java
* /opt/cola/permits/1177939701_1625570671.31/0/swagger-annotations-1-5-20-sources-1-
jar/io/swagger/annotations/Api.java
* /opt/cola/permits/1177939701_1625570671.31/0/swagger-annotations-1-5-20-sources-1-
jar/io/swagger/annotations/Tag.java
* /opt/cola/permits/1177939701_1625570671.31/0/swagger-annotations-1-5-20-sources-1-
jar/io/swagger/annotations/AuthorizationScope.java
* /opt/cola/permits/1177939701_1625570671.31/0/swagger-annotations-1-5-20-sources-1-
jar/io/swagger/annotations/ApiModelProperty.java
```

\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/Contact.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/ExternalDocs.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/Authorization.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/ResponseHeader.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/Info.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/ApiImplicitParams.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/ApiOperation.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/ApiModel.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/ExtensionProperty.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/Example.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/SwaggerDefinition.java  
\* /opt/cola/permits/1177939701\_1625570671.31/0/swagger-annotations-1-5-20-sources-1-jar/io/swagger/annotations/License.java

## 1.53 open-csv 5.2

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```
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* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-
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 * This just implements splitting a single line into fields.</p>
 *
 * <p>The purpose of the CSVParser is to take a single string and parse it into
 * its elements based on the delimiter, quote and escape characters.</p>
 *
 * <p>The CSVParser has grown organically based on user requests and does not truly match
 * any current requirements (though it can be configured to match or come close). There
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 *
 * @author Glen Smith
 * @author Rainer Pruy
 */
```

```
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- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/CsvBindAndJoinByPosition.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/BeanFieldSplit.java
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- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/BeanFieldJoin.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/CsvConverter.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/concurrent/IntolerantThreadPoolExecutor.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/CsvBindAndSplitByPosition.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/BeanFieldSingleValue.java
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- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/concurrent/AccumulateCsvResults.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/AbstractCsvConverter.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/FieldMapByNameEntry.java
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- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/util/OrderedObject.java
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* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/CSVParserBuilder.java
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-
jar/com/opencsv/ResultSetHelperService.java
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/ResultSetHelper.java
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- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/customconverter/ConvertGermanToBoolean.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/CsvBindByName.java
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- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/CsvCustomBindByName.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/CsvBindByPosition.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/ConverterDate.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/stream/reader/package-info.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/CsvDate.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/exceptions/CsvBadConverterException.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/exceptions/CsvDataTypeMismatchException.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/AbstractBeanField.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/StatefulBeanToCsv.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/exceptions/CsvConstraintViolationException.java
- \* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-

```
jar/com/opencsv/bean/customconverter/package-info.java
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-
jar/com/opencsv/exceptions/CsvException.java
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-
jar/com/opencsv/exceptions/CsvRuntimeException.java
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-
jar/com/opencsv/bean/CsvCustomBindByPosition.java
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-
jar/com/opencsv/exceptions/CsvBeanIntrospectionException.java
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-
jar/com/opencsv/exceptions/CsvMalformedLineException.java
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-
jar/com/opencsv/bean/ConverterPrimitiveTypes.java
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-
jar/com/opencsv/bean/CsvToBeanBuilder.java
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*
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\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/HeaderIndex.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/comparator/LiteralComparator.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/ComplexFieldMapEntry.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/AbstractMappingStrategy.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/FieldMapByPosition.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/BeanFieldJoinStringIndex.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/AbstractFieldMapEntry.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/RegexToBeanField.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/PositionToBeanField.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/BeanFieldJoinIntegerIndex.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/CsvNumber.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/FieldMapByPositionEntry.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/comparator/package-info.java  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/FieldMap.java

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\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/opencsv\_de.properties  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/convertGermanToBoolean.properties  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/convertGermanToBoolean\_en.properties  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/opencsv\_en.properties  
\* /opt/cola/permits/1138693594\_1614321822.34/0/opencsv-5-2-sources-1-jar/convertGermanToBoolean\_de.properties  
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```
* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/concurrent/package-info.java
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* /opt/cola/permits/1138693594_1614321822.34/0/opencsv-5-2-sources-1-jar/com/opencsv/bean/HeaderColumnNameTranslateMappingStrategy.java
```

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## 1.55 s3 2.17.186

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jar/org/springframework/jmx/export/annotation/ManagedOperation.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/jmx/export/annotation/ManagedOperationParameters.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
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jar/org/springframework/validation/beanvalidation/LocalValidatorFactoryBean.java  
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jar/org/springframework/jmx/export/annotation/ManagedResource.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/event/EventListenerFactory.java  
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jar/org/springframework/cache/annotation/CacheConfig.java  
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jar/org/springframework/format/datetime/joda/PeriodFormatter.java  
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jar/org/springframework/format/number/PercentStyleFormatter.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/scripting/config/LangNamespaceHandler.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/YearMonthFormatter.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scripting/ScriptEvaluator.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/DurationFormatter.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ImportResource.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/annotation/ManagedMetric.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/beanvalidation/SpringConstraintValidatorFactory.java  
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/\*\*

\* Indicates that a component is only eligible for registration when all

\* { @linkplain #value specified conditions } match.

\*

\* <p>A <em>condition</em> is any state that can be determined programmatically

\* before the bean definition is due to be registered (see { @link Condition } for details).

\*

\* <p>The { @code @Conditional } annotation may be used in any of the following ways:

\* <ul>

\* <li>as a type-level annotation on any class directly or indirectly annotated with

\* { @code @Component }, including { @link Configuration @Configuration } classes</li>

\* <li>as a meta-annotation, for the purpose of composing custom stereotype

\* annotations</li>

\* <li>as a method-level annotation on any { @link Bean @Bean } method</li>

\* </ul>

\*

\* <p>If a { @code @Configuration } class is marked with { @code @Conditional },

\* all of the { @code @Bean } methods, { @link Import @Import } annotations, and

\* { @link ComponentScan @ComponentScan } annotations associated with that

\* class will be subject to the conditions.  
\*  
\* <p><strong>NOTE</strong>: Inheritance of { @code @Conditional } annotations  
\* is not supported; any conditions from superclasses or from overridden  
\* methods will not be considered. In order to enforce these semantics,  
\* { @code @Conditional } itself is not declared as  
\* { @link java.lang.annotation.Inherited @Inherited }; furthermore, any  
\* custom <em>composed annotation</em> that is meta-annotated with  
\* { @code @Conditional } must not be declared as { @code @Inherited }.  
\*  
\* @author Phillip Webb  
\* @author Sam Brannen  
\* @since 4.0  
\* @see Condition  
\*/

Found in path(s):

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Conditional.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AsyncConfigurerSupport.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/AnnotationFormatterFactory.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/BasicOperation.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/annotation/Validated.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/PropertySources.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/event/SourceFilteringListener.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/SchedulingConfigurer.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationMethod.java

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jar/org/springframework/cache/annotation/AbstractCachingConfiguration.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/jndi/JndiCallback.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/cache/interceptor/CacheOperation.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/index/CandidateComponentsIndexLoader.java  
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jar/org/springframework/context/annotation/ConfigurationClass.java  
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jar/org/springframework/format/datetime/DateTimeFormatAnnotationFormatterFactory.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/scheduling/support/CronTrigger.java  
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jar/org/springframework/scheduling/concurrent/ThreadPoolExecutorFactoryBean.java  
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jar/org/springframework/context/event/ApplicationListenerMethodAdapter.java  
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jar/org/springframework/context/ResourceLoaderAware.java  
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jar/org/springframework/context/support/MessageSourceSupport.java  
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jar/org/springframework/validation/Validator.java  
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jar/org/springframework/scheduling/annotation/AbstractAsyncConfiguration.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/format/datetime/standard/Jsrf310DateTimeFormatAnnotationFormatterFactory.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/format/datetime/DateFormatter.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
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jar/org/springframework/scheduling/support/CronField.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-

jar/org/springframework/cache/annotation/CachingConfigurer.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/event/AbstractApplicationEventMulticaster.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/cache/interceptor/CacheableOperation.java  
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jar/org/springframework/context/PayloadApplicationEvent.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/format/datetime/standard/TemporalAccessorParser.java  
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jar/org/springframework/context/annotation/AnnotationConfigUtils.java  
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jar/org/springframework/validation/annotation/ValidationAnnotationUtils.java  
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jar/org/springframework/cache/interceptor/CacheAspectSupport.java  
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jar/org/springframework/validation/support/BindingAwareModelMap.java  
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jar/org/springframework/scheduling/support/CompositeCronField.java  
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jar/org/springframework/context/expression/StandardBeanExpressionResolver.java  
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jar/org/springframework/scheduling/annotation/EnableScheduling.java

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jar/org/springframework/context/ApplicationEventPublisher.java

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jar/org/springframework/format/datetime/standard/InstantFormatter.java

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jar/org/springframework/cache/interceptor/AbstractCacheInvoker.java

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jar/org/springframework/cache/interceptor/CacheOperationSourcePointcut.java  
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jar/org/springframework/jmx/support/ConnectorServerFactoryBean.java  
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jar/org/springframework/jndi/support/SimpleJndiBeanFactory.java  
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jar/org/springframework/context/MessageSource.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/SmartLifecycle.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/cache/support/AbstractCacheManager.java  
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jar/org/springframework/context/support/StaticApplicationContext.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/cache/CacheManager.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/support/AbstractMessageSource.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/cache/interceptor/CompositeCacheOperationSource.java  
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jar/org/springframework/context/annotation/ParserStrategyUtils.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/support/DefaultMessageSourceResolvable.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/cache/Cache.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/jndi/JndiTemplateEditor.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/jmx/support/MBeanServerConnectionFactoryBean.java  
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jar/org/springframework/scheduling/support/TaskUtils.java  
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jar/org/springframework/instrument/classloading/jboss/JBossLoadTimeWeaver.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/support/GenericApplicationContextExtensions.kt  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/cache/annotation/SpringCacheAnnotationParser.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/annotation/ImportBeanDefinitionRegistrar.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/annotation/AnnotatedBeanDefinitionReader.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/cache/annotation/AnnotationCacheOperationSource.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-

jar/org/springframework/context/annotation/ClassPathBeanDefinitionScanner.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/instrument/classloading/InstrumentationLoadTimeWeaver.java  
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jar/org/springframework/jmx/support/MBeanServerFactoryBean.java  
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jar/org/springframework/scheduling/annotation/Async.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/validation/ObjectError.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
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jar/org/springframework/context/annotation/AnnotationConfigRegistry.java  
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jar/org/springframework/cache/annotation/CacheAnnotationParser.java  
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jar/org/springframework/cache/interceptor/CacheOperationSource.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/assembly/AutodetectCapableMBeanInfoAssembler.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/Formatter.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/naming/SelfNaming.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/asmbler/MBeanInfoAssembler.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/NoSuchMessageException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/access/InvalidInvocationException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/SchedulingException.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scripting/support/RefreshableScriptTargetSource.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ScopeMetadata.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/soap/SoapFaultException.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/number/AbstractNumberFormatter.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/LoadTimeWeaver.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/UnableToRegisterMBeanException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/BindingResultUtils.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/access/InvocationFailureException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/DefaultRemoteInvocationFactory.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/event/ContextStartedEvent.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/UrlBasedRemoteAccessor.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/ApplicationContextAware.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/access/MBeanInfoRetrievalException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/ui/context/Theme.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/Phased.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/Trigger.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/RemoteInvocationFailureException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/event/ContextStoppedEvent.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/MBeanExporterListener.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/access/MBeanConnectFailureException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/RemoteConnectFailureException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/ejb/config/LocalStatelessSessionBeanDefinitionParser.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/ui/context/support/UiApplicationContextUtils.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/TaskNamespaceHandler.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/ApplicationContextException.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/DelegatingErrorHandlingRunnable.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiBasedExporter.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/beanvalidation/LocaleContextMessageInterpolator.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/MBeanServerNotFoundException.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/ui/context/HierarchicalThemeSource.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/InvalidMetadataException.java

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- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiClientInterceptorUtils.java
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- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/number/NumberFormatAnnotationFormatterFactory.java
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jar/org/springframework/stereotype/Component.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/jndi/IndiObjectTargetSource.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/cache/support/NullValue.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/context/support/AbstractXmlApplicationContext.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/instrument/classloading/websphere/WebSphereLoadTimeWeaver.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/scheduling/config/TriggerTask.java  
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- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/DeferredImportSelector.java
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- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationClassParser.java
- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/support/DefaultFormattingConversionService.java
- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/DefaultManagedTaskScheduler.java
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- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/AbstractBindingResult.java
- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/MessageCodeFormatter.java
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- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiClientInterceptor.java
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- \* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ConcurrentTaskScheduler.java
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/TaskExecutorFactoryBean.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConditionContext.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheInterceptor.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/concurrent/ConcurrentMapCache.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ScopedProxyMode.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/BindException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationBasedAccessor.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/ProxyAsyncConfiguration.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/LoadTimeWeavingConfiguration.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationCondition.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Bean.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/number/money/Jsr354NumberFormatAnnotationFormatterFactory.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ContextAnnotationAutowireCandidateResolver.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/SchedulingConfiguration.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ReschedulingRunnable.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/ejb/config/AbstractJndiLocatingBeanDefinitionParser.java  
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\*/  
/\*\*  
\* {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}  
\* reference through WebSphere's proprietary {@code AdminServiceFactory} API,  
\* available on WebSphere 5.1 and higher.  
\*  
\*/

```

* <p>Exposes the { @code MBeanServer } for bean references.
*
* <p>This { @code FactoryBean } is a direct alternative to { @link MBeanServerFactoryBean },
* which uses standard JMX 1.2 API to access the platform's { @link MBeanServer }.
*
* <p>See the javadocs for WebSphere's
* <a
href="https://www.ibm.com/support/knowledgecenter/SSEQTJ_9.0.0/com.ibm.websphere.javadoc.doc/web/apidocs
/com/ibm/websphere/management/AdminServiceFactory.html">{ @code AdminServiceFactory }</a>
* and
* <a
href="https://www.ibm.com/support/knowledgecenter/SSEQTJ_9.0.0/com.ibm.websphere.javadoc.doc/web/apidocs
/com/ibm/websphere/management/MBeanFactory.html">{ @code MBeanFactory }</a>.
*
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

```

Found in path(s):

```

* /opt/cola/permits/1346652488_1655478933.348682/0/spring-context-5-3-21-sources-
jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java

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jar/org/springframework/context/annotation/ImportAware.java

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* /opt/cola/permits/1346652488_1655478933.348682/0/spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/ConflictingBeanDefinitionException.java

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* /opt/cola/permits/1346652488_1655478933.348682/0/spring-context-5-3-21-sources-

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jar/org/springframework/context/ApplicationEventPublisherAware.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-  
jar/org/springframework/jmx/export/notification/NotificationPublisherAware.java  
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* /opt/cola/permits/1346652488_1655478933.348682/0/spring-context-5-3-21-sources-  
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* /opt/cola/permits/1346652488_1655478933.348682/0/spring-context-5-3-21-sources-  
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* /opt/cola/permits/1346652488_1655478933.348682/0/spring-context-5-3-21-sources-  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/ManagedAttribute.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/EnableLoadTimeWeaving.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/Errors.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Profile.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/TaskManagementConfigUtils.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/DirectFieldBindingResult.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationBasedExporter.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/EnableAsync.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/naming/KeyNamingStrategy.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/ScheduledMethodRunnable.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/EnableCaching.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scripting/config/ScriptBeanDefinitionParser.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/notification/ModelMBeanNotificationPublisher.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/Lifecycle.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/weaving/AspectJWeavingEnabler.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/DependsOn.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/VariableNotAvailableException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AsyncConfigurationSelector.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/DefaultManagedAwareThreadFactory.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/support/FormattingConversionService.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/expression/CachedExpressionEvaluator.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/beanvalidation/BeanValidationPostProcessor.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/EmbeddedValueResolverAware.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/expression/MethodBasedEvaluationContext.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/SimpleHttpServerFactoryBean.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RemoteInvocationSerializingExporter.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheExpressionRootObject.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/assembly/SimpleReflectiveMBeanInfoAssembler.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/FormatterRegistry.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/websphere/WebSphereClassLoaderAdapter.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/BeanAnnotationHelper.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemotingSupport.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ProfileCondition.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/MonthFormatter.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/JodaTimeConverters.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AsyncResult.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationResult.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/CachingConfigurerSupport.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/SmartValidator.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/AbstractCacheResolver.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiServiceExporter.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiInvocationWrapper.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiRegistryFactoryBean.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/weblogic/WebLogicClassLoaderAdapter.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocation.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/annotation/NumberFormat.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ForkJoinPoolFactoryBean.java

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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/config/CacheManagementConfigUtils.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/CronSequenceGenerator.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ComponentScanBeanDefinitionParser.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheResolver.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/asm/AbstractReflectiveMBeanInfoAssembler.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/ReflectiveLoadTimeWeaver.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scripting/ScriptCompilationException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/ResourceOverridingShadowingClassLoader.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/CachingConfigurationSelector.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/ejb/access/SimpleRemoteStatelessSessionProxyFactoryBean.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/ValidationUtils.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/expression/BeanFactoryResolver.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/SimpleCacheResolver.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/DefaultBindingErrorProcessor.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiLocatorSupport.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/remoting/RemoteAccessException.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/DateTimeConverters.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/config/MBeanServerBeanDefinitionParser.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scripting/bsh/BshScriptUtils.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ScopedProxyCreator.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/AbstractPropertyBindingResult.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConditionEvaluator.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/AdviceModeImportSelector.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/ui/context/support/DelegatingThemeSource.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/validation/BindingResult.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheOperationInvocationContext.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/JodaTimeContextHolder.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/ui/context/support/ResourceBundleThemeSource.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scripting/config/LangNamespaceUtils.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/support/FileSystemXmlApplicationContext.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/support/MessageSourceAccessor.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/support/ObjectNameManager.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AsyncAnnotationAdvisor.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/ejb/access/AbstractSlsbInvokerInterceptor.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Scope.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/WeavingTransformer.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/MessageSourceAware.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/jmx/support/MBeanRegistrationSupport.java  
\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/YearFormatter.java  
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\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/ReadablePartialPrinter.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Description.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/support/MessageSourceResourceBundle.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/CustomizableThreadFactory.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/LocalDateTimeParser.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/FilterType.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/DateTimeParser.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/MillisecondInstantPrinter.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/LocalDateParser.java

\* /opt/cola/permits/1346652488\_1655478933.348682/0/spring-context-5-3-21-sources-

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jar/org/springframework/format/datetime/joda/ReadableInstantPrinter.java
* /opt/cola/permits/1346652488_1655478933.348682/0/spring-context-5-3-21-sources-
jar/org/springframework/validation/beanvalidation/OptionalValidatorFactoryBean.java
* /opt/cola/permits/1346652488_1655478933.348682/0/spring-context-5-3-21-sources-
jar/org/springframework/context/i18n/LocaleContext.java
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* limitations under the License.
*/
/**
* Abstract the invocation of a cache operation.
*
* <p>Does not provide a way to transmit checked exceptions but
* provide a special exception that should be used to wrap any
* exception that was thrown by the underlying invocation.
* Callers are expected to handle this issue type specifically.
*
* @author Stephane Nicoll
* @since 4.1
*/
```

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```
* /opt/cola/permits/1346652488_1655478933.348682/0/spring-context-5-3-21-sources-
jar/org/springframework/cache/interceptor/CacheOperationInvoker.java
```

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- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/mapper/factory/DefaultJackson1ObjectMapperFactory.java
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/internal/path/json/JsonPrettifier.groovy
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/internal/path/json/JSONAssertion.groovy
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/path/json/config/JsonPathConfig.java
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/path/json/config/JsonParserType.java
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/internal/path/json/ConfigurableJsonSlurper.groovy
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/mapper/factory/DefaultGsonObjectMapperFactory.java
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/internal/path/json/mapping/JsonObjectDeserializer.groovy
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/mapper/factory/DefaultJackson2ObjectMapperFactory.java
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/internal/path/json/mapping/JsonPathGsonObjectDeserializer.groovy
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/path/json/JsonPath.java
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/mapper/factory/GsonObjectMapperFactory.java
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/internal/path/json/mapping/JsonPathJackson2ObjectDeserializer.groovy
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/path/json/mapping/JsonPathObjectDeserializer.java
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/mapper/factory/Jackson2ObjectMapperFactory.java
- \* /opt/cola/permits/1182835369\_1627061008.73/0/json-path-2-6-0-sources-jar/com/jayway/restassured/mapper/factory/Jackson1ObjectMapperFactory.java

## 1.65 netty-transport-native-unix-common

### 4.1.82.Final

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* /opt/cola/permits/1448973037_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/Buffer.java
* /opt/cola/permits/1448973037_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty_unix_buffer.c
* /opt/cola/permits/1448973037_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/PreferredDirectByteBufAllocator.java
* /opt/cola/permits/1448973037_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty_unix_buffer.h
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1-jar/netty\_unix.c

\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-

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\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-

1-jar/io/netty/channel/unix/DomainDatagramChannelConfig.java

\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-

1-jar/io/netty/channel/unix/DomainDatagramPacket.java  
\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/DomainDatagramChannel.java  
\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/SegmentedDatagramPacket.java  
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\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/GenericUnixChannelOption.java  
\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/IntegerUnixChannelOption.java  
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- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/IovArray.java
- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/Unix.java
- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/package-info.java

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- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java
- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/PeerCredentials.java
- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java
- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/SocketWritableByteChannel.java
- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty\_unix\_limits.c
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- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty\_unix\_limits.h
- \* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/Limits.java

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* /opt/cola/permits/1448973037_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty_unix_jni.h
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* /opt/cola/permits/1448973037_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/DomainSocketChannel.java
* /opt/cola/permits/1448973037_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty_unix_errors.h
* /opt/cola/permits/1448973037_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty_unix_filedescriptor.h
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\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/Errors.java  
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\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/ServerDomainSocketChannel.java  
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\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/DomainSocketAddress.java  
\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/DatagramSocketAddress.java  
\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty\_unix\_filedescriptor.c  
\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty\_unix\_socket.c  
\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/io/netty/channel/unix/FileDescriptor.java  
\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty\_unix\_socket.h  
\* /opt/cola/permits/1448973037\_1666405895.9589016/0/netty-transport-native-unix-common-4-1-82-final-sources-1-jar/netty\_unix\_errors.c

## 1.66 jackson-databind 2.13.4

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## 1.67 dom4j 2.1.3

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\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/util/SingletonStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractDocumentType.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/DocumentException.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractText.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMNamespace.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultDocumentType.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/SAXModifyException.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMDocument.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractElement.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/util/UserDataDocumentFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/XPPReader.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultAttribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/OutputFormat.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/NamedTypeResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/SingleIterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMAttribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/rule/RuleManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultElement.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/InvalidSchemaException.java

\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/xpath/DefaultNamespaceContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/DatatypeElement.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/DocumentSource.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/ElementNameIterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/DOMSAXContentHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMEElement.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/JAXPHelper.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/rule/RuleSet.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/Branch.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/Text.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/DOMDocumentResult.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/SchemaParser.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/DispatchHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/SAXModifyContentHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractComment.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/util/AttributeHelper.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultText.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultNamespace.java  
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\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/SAXReader.java  
\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/SAXHelper.java

## 1.68 aws-java-sdk-dynamodb 1.12.57

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jar/com/amazonaws/services/dynamodbv2/xspec/MinusOperation.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/xspec/UnitOfExpression.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/xspec/Operand.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/xspec/SubstitutionContext.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/xspec/ParenthesizedCondition.java  
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jar/com/amazonaws/services/dynamodbv2/xspec/Precedence.java  
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jar/com/amazonaws/services/dynamodbv2/xspec/NamedElement.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/xspec/L.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMappingsRegistry.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/xspec/SetAction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/xspec/NS.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
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jar/com/amazonaws/services/dynamodbv2/xspec/NegationCondition.java  
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jar/com/amazonaws/services/dynamodbv2/xspec/RemoveAction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/xspec/IfNotExistsFunction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/xspec/DeleteAction.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/PlusOperation.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/LiteralOperand.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/OrCondition.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/BinaryOperation.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/PathElement.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/Path.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/N.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/S.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/UpdateItemExpressionSpec.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/FunctionOperand.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/M.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/StandardModelFactories.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConvertedEnum.java  
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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGeneratedDefault.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBDelimited.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGenerator.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/StandardTypeConverters.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBFlattened.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGeneratedTimestamp.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBKeyed.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/StandardBeanProperties.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConvertedJson.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTyped.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBNamed.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConverter.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBConvertedBool.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTableMapper.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapperTableModel.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBScalarAttribute.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshalls/CollectionToListMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ArgumentMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBNativeBoolean.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshalls/CalendarSetToStringSetMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/NumberToNumberMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BigDecimalSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/ByteArrayToBinaryMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/UUIDSetToStringSetMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/DateSetToStringSetMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/LongSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ConversionSchemas.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BooleanUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/MUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/ByteArraySetToBinarySetMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BigDecimalUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/UUIDSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/FloatSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteArraySetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/LongUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/IntegerUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/CalendarToStringMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/FloatUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/DateUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BigIntegerUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/DoubleSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ShortSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ObjectUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/IntegerSetUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/UUIDUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ItemConverter.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/MapToMapMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteBufferUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/NumberSetToNumberSetMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BigIntegerSetUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteArrayUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/CalendarUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/ObjectToMapMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/CustomMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/StringSetToStringSetMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/StringUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBDocument.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/S3LinkToStringMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/DoubleUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BooleanSetUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/BooleanToNumberMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/CustomUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/DateSetUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/ObjectSetToStringSetMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ConversionSchema.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshaller/ByteBufferSetToBinarySetMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/NullableUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ShortUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ObjectSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/S3LinkUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteBufferSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshalls/DateToStringMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/MapUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshalls/ByteBufferToBinaryMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/LUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/CalendarSetUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ListUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshalls/BooleanToBooleanMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshalls/BooleanSetToNumberSetMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/StringSetUnmarshaller.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ScanResultPage.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/AttributeTransformer.java  
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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/AddAction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/B.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/BetweenCondition.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/ArrayIndexElement.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/xspec/AndCondition.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/IndexScanImpl.java  
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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshalls/package-info.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshalls/ObjectToStringMarshaller.java  
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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBQueryExpression.java  
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jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBClientConfigurationFactory.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGenerateStrategy.java  
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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/UpdateExpressionGenerator.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/TransactionLoadRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/VersionAttributeConditionExpressionGenerator.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/BatchLoadContext.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTransactionLoadExpression.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/TransactionWriteRequest.java  
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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/AbstractDynamoDBMapper.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/IDynamoDBMapper.java  
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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/PutItemSpec.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/UpdateItemImpl.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Utils/FluentArrayList.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/ListTablesSpec.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/PageIterator.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/TableCollection.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/Filter.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Index.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/AbstractSpecWithPrimaryKey.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/RangeKeyCondition.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/api/BatchGetItemApi.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ValueTransformer.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ListTablesPage.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/GetItemOutcome.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/QueryImpl.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/BatchGetItemOutcome.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Expected.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/AbstractCollectionSpec.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Utils/NameMap.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/api/QueryApi.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/TableWriteItems.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/api/DeleteItemApi.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/AttributeUpdate.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/BatchGetItemSpec.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/AbstractSpec.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/IncompatibleTypeException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/UpdateItemSpec.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/BatchWriteItemSpec.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/api/PutItemApi.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Utils/FluentHashSet.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Utils/ValueList.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/PutItemOutcome.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/ItemCollection.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ListTablesImpl.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ItemValueConformer.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/DeleteItemImpl.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/PrimaryKey.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ScanImpl.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/UpdateItemOutcome.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ListTablesCollection.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/api/UpdateItemApi.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Attribute.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/QueryPage.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/api/GetItemApi.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/ScanFilter.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/UpdateTableSpec.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/KeyAttribute.java

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\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/GetItemSpec.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/GetItemImpl.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/KeyConditions.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/QueryOutcome.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/BatchWriteItemOutcome.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/IndexQueryImpl.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/AbstractImpl.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/BatchWriteItemImpl.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Page.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Table.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/QuerySpec.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/QueryFilter.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/TableKeysAndAttributes.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/api/ScanApi.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/DeleteItemOutcome.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/IteratorSupport.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/DeleteItemSpec.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/ScanOutcome.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/PageBasedCollection.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Utils/FluentHashMap.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Utils/ValueMap.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ScanPage.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/LowLevelResultListener.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/DynamoDB.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/ScanSpec.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/PutItemImpl.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/QueryCollection.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/Item.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/InternalUtils.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/api/ListTablesApi.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/document/api/BatchWriteItemApi.java

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jar/com/amazonaws/services/dynamodbv2/model/InvalidRestoreTimeException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateTableRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ContinuousBackupsUnavailableException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBClientBuilder.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExportNotFoundExpectionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/CreateTableRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TableDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TransactionInProgressException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ExportTableToPointInTimeResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TableNotFoundExpection.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ListGlobalTablesRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/EndpointMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ConditionalCheckFailedException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteBackupRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/BackupSummary.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsAsync.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicationGroupUpdateMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateReplicaActionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DeleteItemRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ProjectionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ArchivalSummaryMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ExecuteTransactionResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ArchivalSummaryJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReturnConsumedCapacity.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexSettingsUpdateJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ParameterizedStatement.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaSettingsDescriptionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAlreadyExistsExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DisableKinesisStreamingDestinationRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeStreamResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndex.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/EndpointJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/RequestLimitExceededException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalTableGlobalSecondaryIndexSettingsUpdate.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/waiters/TableNotExists.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/PointInTimeRecoveryDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalTableResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeEndpointsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateContributorInsightsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionCheckJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteItemResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListGlobalTablesRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/AbstractAmazonDynamoDBStreamsAsync.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ProvisionedThroughputDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteReplicationGroupMemberActionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingTargetTrackingScalingPolicyConfigurationDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateItemResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TableInUseExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BackupType.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableReplicaAutoScalingResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ExpiredIteratorExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAutoScalingDescriptionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ExecuteStatementRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ExecuteStatementResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingTargetTrackingScalingPolicyConfigurationUpdateJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemsRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingPolicyDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ContributorInsightsStatus.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexSettingsDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BackupDetails.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/TableAutoScalingDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingPolicyUpdate.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/TagResourceResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/Replica.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ExportTableToPointInTimeRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ShardMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ReturnValue.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetShardIteratorResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/S3SseAlgorithm.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaNotFoundExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableReplicaAutoScalingRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeBackupRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DeleteGlobalSecondaryIndexAction.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableSettingsRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ConditionalOperator.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeTableRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ExecuteTransactionRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ScalarAttributeType.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListExportsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ListStreamsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalTableStatus.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/KeySchemaElementJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicationGroupUpdateJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableNotFoundExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateReplicationGroupMemberAction.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListStreamsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/GlobalTableNotFoundException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/PutJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/waiters/AmazonDynamoDBWaiters.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteGlobalSecondaryIndexActionJsonUnmarshaller.java  
ava  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBAsyncClient.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReplicaStatus.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ExportStatus.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CancellationReasonMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/CreateGlobalTableRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/SequenceNumberRangeJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/UpdateReplicationGroupMemberAction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/QueryResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GetItemRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/KinesisDataStreamDestination.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ItemCollectionMetricsJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ComparisonOperator.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DeleteTableResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/RecordJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableFromBackupRequestProtocolMarshaller.java  
va  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TransactGetItemsResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ListExportsRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTimeToLiveResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexSettingsUpdate.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DeleteReplicaAction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExportTableToPointInTimeRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableSettingsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TableDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ScanRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/StreamRecord.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/RestoreTableFromBackupResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTimeToLiveRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ArchivalSummary.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/UpdateItemRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/RestoreTableToPointInTimeResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteItemRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BatchStatementResponseJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/SSEType.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReplicaUpdate.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingPolicyUpdateMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateBackupRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/LimitExceededExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/DescribeExportResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/BatchGetItemRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BatchWriteItemRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TimeToLiveDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/BatchStatementRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/PointInTimeRecoveryStatus.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReplicationGroupUpdate.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/Put.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaUpdateMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReplicaSettingsDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ExportTableToPointInTimeRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContributorInsightsRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/StreamDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputDescriptionJsonUnmarshaller.java  
va  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionalCheckFailedExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeLimitsResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ConditionCheck.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GetRecordsRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExportTableToPointInTimeResultJsonUnmarshaller.java  
a  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeEndpointsRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexAutoScalingUpdateJsonUnmarshaller.java  
aller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeStreamRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/LocalSecondaryIndexDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateItemRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexAutoScalingUpdateMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/GetItemResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemsRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeTimeToLiveResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableToPointInTimeResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeKinesisStreamingDestinationRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTimeToLiveRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateItemRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeValueMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ListContributorInsightsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBAsync.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupDetailsMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateTableResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ProvisionedThroughput.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamDescriptionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContributorInsightsRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/Shard.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListGlobalTablesResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeContributorInsightsRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalTableSettingsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexInfoJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/TableStatus.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ResourceNotFoundExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalSecondaryIndexActionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PutRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupDescriptionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/AttributeDefinition.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTimeToLiveResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContributorInsightsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListContributorInsightsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ScanResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TimeToLiveDescriptionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TimeToLiveSpecificationMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/SSEStatus.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/RestoreSummary.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ReturnValuesOnConditionCheckFailure.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableReplicaAutoScalingRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaSettingsUpdate.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/package-info.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ExpectedAttributeValueJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BatchStatementErrorCodeEnum.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/ListTagsOfResourceResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CapacityJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DeleteReplicationGroupMemberAction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ParameterizedStatementMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DescribeContinuousBackupsRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/InvalidExportTimeException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BatchStatementErrorJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DisableKinesisStreamingDestinationRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTimeToLiveResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/QueryRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalSecondaryIndexActionJsonUnmarshaller.java  
ava  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/SourceTableFeatureDetailsJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/LocalSecondaryIndex.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ContinuousBackupsDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BatchExecuteStatementRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalSecondaryIndexAction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/OperationType.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingTargetTrackingScalingPolicyConfiguration  
UpdateMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GetItemRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TableNotFoundExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingPolicyDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndexDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/QueryRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingPolicyDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TagResourceResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/SSESpecificationMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BatchStatementRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableToPointInTimeRequestProtocolMarshaller  
.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExportDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TableAlreadyExistsException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteTableRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteGlobalSecondaryIndexActionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeExportResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/KeysAndAttributesJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ContributorInsightsAction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateReplicaActionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BillingModeSummaryMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoveryUnavailableExceptionUnmarshall  
er.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExecuteTransactionRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContinuousBackupsResultJsonUnmarshaller.ja  
va  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeLimitsRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeKinesisStreamingDestinationRequestProtocol  
Marshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalTableRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ExportSummary.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/IdentityJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/Record.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndexAutoScalingUpdate.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/BackupInUseException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TimeToLiveSpecification.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContributorInsightsRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TransactWriteItem.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/PutItemResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TagResourceRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteReplicaActionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/KeysAndAttributesMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteBackupResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExecuteStatementRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BackupInUseExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TransactWriteItemsRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/auth/policy/actions/DynamoDBv2Actions.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/WriteRequestJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalTableRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DisableKinesisStreamingDestinationRequestMarshaller  
.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeExportRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GetRecordsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/AttributeAction.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteTableResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoverySpecificationJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/StreamSpecification.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableToPointInTimeRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/TableInUseException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeEndpointsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchGetItemResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableSettingsRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreams.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactionCanceledException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/TagResourceRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTableResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetShardIteratorRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTableRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/IdentityMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/Tag.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/Stream.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ExportDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ScanRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeKinesisStreamingDestinationRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/EnableKinesisStreamingDestinationResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ExecuteTransactionRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/TagResourceRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExecuteStatementRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/CreateBackupResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExportSummaryJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ListTablesResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/SourceTableDetailsMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GetItemResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TimeToLiveSpecificationJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndexInfo.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExportSummaryMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateBackupRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BatchExecuteStatementResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DuplicateItemExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/InvalidExportTimeExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TableDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingTargetTrackingScalingPolicyConfiguration  
DescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemsResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ParameterizedStatementJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalTableResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexAutoScalingUpdateJson  
Unmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsAsyncClientBuilder.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ScanRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexAutoScalingDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateReplicationGroupMemberActionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DeleteItemResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/StreamRecordJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/BatchExecuteStatementResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DescribeTableReplicaAutoScalingRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ConsumedCapacityJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ListGlobalTablesRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DescribeLimitsResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateTableResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/BatchStatementResponse.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TrimmedDataAccessException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ExportNotFoundException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/PutItemRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/Delete.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/IndexNotFoundExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ScanResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTimeToLiveRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TransactWriteItemsResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DescribeLimitsRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/StreamMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/StreamViewType.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TableAlreadyExistsExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ExpiredIteratorException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReplicaAutoScalingUpdate.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ListContributorInsightsRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeBackupRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ResourceInUseExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DeleteTableRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReturnItemCollectionMetrics.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/SSEDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaSettingsUpdateJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TransactionCanceledExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ListTagsOfResourceResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/CreateGlobalSecondaryIndexAction.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/AbstractAmazonDynamoDBAsync.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemsRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexUpdateJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/AutoScalingSettingsDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexAutoScalingUpdateMarshaller.java  
va  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BatchStatementErrorMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/GetShardIteratorRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TableAutoScalingDescriptionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContinuousBackupsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListTablesRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContinuousBackupsRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeExportRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/SourceTableFeatureDetailsMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexAutoScalingUpdate.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateBackupRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/SSEDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BillingModeSummaryJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RecordMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateContinuousBackupsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ListBackupsRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeKinesisStreamingDestinationResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeTableResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableSettingsRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/waiters/TableExists.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TableAutoScalingDescriptionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactionConflictExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeContinuousBackupsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableGlobalSecondaryIndexSettingsUpdateMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/WriteRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/StreamStatus.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateContinuousBackupsRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UntagResourceRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingPolicyUpdateJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteReplicaActionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputExceededExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/TimeToLiveStatus.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UntagResourceRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeDefinitionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListBackupsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListContributorInsightsRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeBackupResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ExportConflictExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BillingMode.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateReplicationGroupMemberActionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateBackupResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingTargetTrackingScalingPolicyConfigurationUpdate.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PutRequestJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupNotFoundExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ItemCollectionSizeLimitExceededExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTimeToLiveRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BackupSummaryJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsClientBuilder.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/UpdateContributorInsightsRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ContinuousBackupsDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/PutItemResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/RestoreTableFromBackupRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexInfoJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeLimitsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/AttributeValue.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ShardIteratorType.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TransactGetItemsRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TagJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DeleteRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDB.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ItemCollectionMetricsMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/Capacity.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/BackupTypeFilter.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexAutoScalingDescription  
Marshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/GlobalTableAlreadyExistsException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/LocalSecondaryIndexInfo.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BackupSummaryMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/Select.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamSpecificationMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeBackupRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/FailureExceptionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ExportFormat.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetShardIteratorRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingSettingsUpdateJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableDescriptionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/InternalServerErrorExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoverySpecificationMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BatchWriteItemRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ContinuousBackupsDescriptionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TagMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/InternalServerErrorException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateGlobalTableResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTimeToLiveRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ContinuousBackupsUnavailableExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BackupDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableSettingsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableReplicaAutoScalingRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaAutoScalingDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableGlobalSecondaryIndexSettingsUpdateJsonUnmarshaller.java

- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/endpointdiscovery/AmazonDynamoDBEndpointCache.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/PointInTimeRecoverySpecification.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeGlobalTableSettingsRequest.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsClient.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/PutRequest.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndexUpdate.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BackupNotFoundException.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BillingModeSummary.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeStreamResult.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingSettingsUpdate.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchWriteItemRequestMarshaller.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexSettingsUpdateMarshaller.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/AttributeUpdate.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalTable.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTableReplicaAutoScalingResult.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalSecondaryIndexActionMarshaller.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableRequestMarshaller.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchExecuteStatementRequestProtocolMarshaller.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListTablesResultJsonUnmarshaller.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BatchStatementError.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/AbstractAmazonDynamoDBStreams.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsAsyncClient.java
- \* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAutoScalingUpdateMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteRequestJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexUpdateMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GetJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DescribeExportRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/PutMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingTargetTrackingScalingPolicyConfiguration  
DescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/PutItemRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TransactGetItem.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexInfoMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/IndexStatus.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputOverrideJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DescribeEndpointsRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/KeySchemaElementMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/BatchWriteItemResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/TimeToLiveDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ListExportsResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableAlreadyExistsExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/BackupStatus.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndex.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableFromBackupRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DestinationStatus.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContinuousBackupsRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/CancellationReason.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoveryDescriptionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamSpecificationJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeStreamRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBAsyncClientBuilder.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeValueUpdateJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DisableKinesisStreamingDestinationResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeBackupResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/AbstractAmazonDynamoDB.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListBackupsRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ContributorInsightsSummaryMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ProvisionedThroughputExceededException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBClient.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ItemCollectionMetrics.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProjectionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/GetShardIteratorResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputOverrideMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/EnableKinesisStreamingDestinationRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/SourceTableDetails.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingSettingsDescriptionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/KinesisDataStreamDestinationMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaUpdateJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ListBackupsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetRecordsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ExecuteStatementResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/WriteRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAutoScalingUpdateJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/LimitExceededException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaSettingsUpdateMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionCheckMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupDescriptionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamRecordMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RequestLimitExceededExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ProjectionType.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/KinesisDataStreamDestinationJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UntagResourceResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchStatementResponseMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ResourceNotFoundException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/EnableKinesisStreamingDestinationResultJsonUnmarsh

aller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DuplicateItemException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateReplicationGroupMemberActionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalTableRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteReplicationGroupMemberActionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteTableRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BatchExecuteStatementRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListTagsOfResourceRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UntagResourceRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ListGlobalTablesResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ResourceInUseException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ProvisionedThroughputOverride.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexSettingsDescriptionMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/FailureException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateItemResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/PutItemRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListStreamsRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupDetailsJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ContributorInsightsSummary.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListTablesRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/waiters/DescribeTableFunction.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchWriteItemResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/ContinuousBackupsStatus.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ConsumedCapacityMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/IdempotentParameterMismatchException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/SSESpecification.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExportDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalTableSettingsRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/InvalidRestoreTimeExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreSummaryMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CancellationReasonJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/SourceTableDetailsJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/Update.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContinuousBackupsRequestProtocolMarshaller.java  
ava  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableFromBackupResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ItemResponseJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TransactionInProgressExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/EnableKinesisStreamingDestinationRequestMarshaller.java  
java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ItemCollectionSizeLimitExceededException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingSettingsDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/GetRecordsRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ListTablesRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoveryDescriptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ListTagsOfResourceRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/SSEDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/Endpoint.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DescribeGlobalTableSettingsResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/SequenceNumberRangeMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/IndexNotFoundException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexSettingsDescriptionJson  
Unmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ItemResponseMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DeleteBackupRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableSettingsResultJsonUnmarshaller.java  
va  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TrimmedDataAccessExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ExpectedAttributeValueMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CapacityMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ExportConflictException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/Projection.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingSettingsUpdateMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ListExportsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaSettingsDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ListBackupsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeValueUpdateMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DeleteBackupResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAutoScalingDescriptionJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

jar/com/amazonaws/services/dynamodbv2/model/DisableKinesisStreamingDestinationResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/UpdateTableReplicaAutoScalingRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeDefinitionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateTableRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/RestoreTableToPointInTimeRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/KeyType.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/Get.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/DescribeTableReplicaAutoScalingResult.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ConsumedCapacity.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/SourceTableFeatureDetails.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ListTagsOfResourceRequest.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/BatchGetItemRequestMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/FailureExceptionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateReplicationGroupMemberActionMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/GlobalTableDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReplicaNotFoundException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/SSESpecificationJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/endpointdiscovery/AmazonDynamoDBEndpointCacheLoader.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableReplicaAutoScalingResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/transform/GetMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexAutoScalingDescription.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/model/CreateReplicaAction.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/SequenceNumberRange.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListStreamsRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexDescriptionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/QueryRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeEndpointsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexInfoMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/QueryResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchGetItemRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/GetItemRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactionConflictException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeContributorInsightsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/UntagResourceResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ItemResponse.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/StreamDescription.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ListExportsRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ListContributorInsightsRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalSecondaryIndexActionJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaAlreadyExistsException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContributorInsightsRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ExecuteTransactionResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/AmazonDynamoDBException.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContinuousBackupsRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeKinesisStreamingDestinationResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ExpectedAttributeValue.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeValueJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchStatementRequestJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/IdempotentParameterMismatchExceptionUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableReplicaAutoScalingRequestMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/ListStreamsRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteItemRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeStreamRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/GetRecordsResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/EnableKinesisStreamingDestinationRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteBackupRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/BatchGetItemResult.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/Condition.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/KeysAndAttributes.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/Identity.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ShardJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ContributorInsightsSummaryJsonUnmarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableMarshaller.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeTimeToLiveRequest.java

\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

```
jar/com/amazonaws/services/dynamodbv2/model/PointInTimeRecoveryUnavailableException.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/model/KeySchemaElement.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/model/DescribeGlobalTableRequest.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContributorInsightsResultJsonUnmarshaller.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/model/DescribeGlobalTableResult.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreSummaryJsonUnmarshaller.java
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Found in path(s):

```
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBScanExpression.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBDeleteExpression.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/S3ClientCache.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/ArgumentUnmarshaller.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBIgnore.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBIndexRangeKey.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBSaveExpression.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
```

jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapperFieldModel.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTable.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMarshalling.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBGeneratedUuid.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBReflector.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/NSUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBVersioned.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedQueryList.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BSUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/SSUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBVersionAttribute.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/ParallelScanTask.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedParallelScanList.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/S3Link.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/ReflectionUtils.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBRangeKey.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedList.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/NUnmarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMappingException.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGeneratedKey.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/KeyPair.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedScanList.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/JsonMarshaller.java  
\* /opt/cola/permits/1261985974\_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-

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jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BUnmarshaller.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/SUnmarshaller.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAttribute.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapperConfig.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBHashKey.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGenerated.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConverted.java
* /opt/cola/permits/1261985974_1643339968.39/0/aws-java-sdk-dynamodb-1-12-57-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBIndexHashKey.java
```

## 1.69 asm 5.0.3

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/\*\*

\* Creates a new { @link AnalyzerAdapter}. *Subclasses must not use this  
\* constructor*. Instead, they must use the  
\* { @link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}  
\* version.

\*

\* @param owner

\* the owner's class name.

\* @param access

\* the method's access flags (see { @link Opcodes}).

\* @param name

\* the method's name.

\* @param desc

\* the method's descriptor (see { @link Type Type}).

\* @param mv

\* the method visitor to which this adapter delegates calls. May

\* be `null`.

\* @throws IllegalStateException

\* If a subclass calls this constructor.

\*/

Found in path(s):

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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\*/

/\*\*

\* Creates a new {@link GeneratorAdapter}. *Subclasses must not use this  
\* constructor*. Instead, they must use the  
\* {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}  
\* version.  
\*  
\* @param mv  
\* the method visitor to which this adapter delegates calls.  
\* @param access  
\* the method's access flags (see {@link Opcodes}).  
\* @param name  
\* the method's name.  
\* @param desc  
\* the method's descriptor (see {@link Type Type}).  
\* @throws IllegalStateException  
\* If a subclass calls this constructor.  
\*/

Found in path(s):

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/GeneratorAdapter.java

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\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/TypePath.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/TypeReference.java  
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```

*/
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 *     the <code>MethodVisitor</code> to send the resulting inlined
 *     method code to (use <code>null</code> for none).
 * @param access
 *     the method's access flags (see {@link Opcodes}). This
 *     parameter also indicates if the method is synthetic and/or
 *     deprecated.
 * @param name
 *     the method's name.
 * @param desc
 *     the method's descriptor (see {@link Type}).
 * @param signature
 *     the method's signature. May be <tt>null</tt>.
 * @param exceptions
 *     the internal names of the method's exception classes (see
 *     {@link Type#getInternalName() getInternalName}). May be
 *     <tt>null</tt>.
 * @throws IllegalStateException
 *     If a subclass calls this constructor.
 */

```

Found in path(s):

`/opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java`

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*/
/**
 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 *
 * @param typeRef
 *     a reference to the annotated type. See {@link TypeReference}.
 * @param typePath
 *     the path to the annotated type argument, wildcard bound, array
 *     element type, or static inner type within 'typeRef'. May be
 *     <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 *     the first instructions corresponding to the continuous ranges
 *     that make the scope of this local variable (inclusive).
 * @param end
 *     the last instructions corresponding to the continuous ranges
 *     that make the scope of this local variable (exclusive). This
 *     array must have the same size as the 'start' array.
 * @param index
 *     the local variable's index in each range. This array must have
 *     the same size as the 'start' array.
 * @param desc
 *     the class descriptor of the annotation class.
 */

```

Found in path(s):

```

* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java

```

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\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/package.html  
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jar/org/objectweb/asm/signature/package.html  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/package.html  
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```
/**
 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #Textifier(int)}
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */
```

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 */
```

```
/**
 * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
 * version.
 *
 * @throws IllegalStateException
```

\* If a subclass calls this constructor.

\*/

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jar/org/objectweb/asm/tree/analysis/SmallSet.java  
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\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/CheckClassAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Handler.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/CheckFieldAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/Analyzer.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/FieldVisitor.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/FieldNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/LdcInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/LineNumberNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/TraceSignatureVisitor.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/AnnotationWriter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
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jar/org/objectweb/asm/util/CheckAnnotationAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/SimpleRemapper.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/TypeAnnotationNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/optimizer/ConstantPool.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/TableSwitchGenerator.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/signature/SignatureVisitor.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/AbstractInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/RemappingFieldAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/CodeSizeEvaluator.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/CheckSignatureAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/AnalyzerException.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/FieldWriter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Handle.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/AdviceAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Attribute.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Opcodes.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/TraceFieldVisitor.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/ASMifier.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/Printer.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/optimizer/NameMapping.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/FieldInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/JumpInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/InstructionAdapter.java  
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Found in path(s):

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink.properties  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-writer.properties  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-resize.properties  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-signatures.properties  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-annotations.properties  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-frames.properties

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

org.eclipse.jetty.toolchain:jetty-schemas

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## 1.75 accessors-smart 2.4.7

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## 1.79 jackson-dataformat-yaml 2.13.2

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# The main CI of Hibernate ORM is <https://ci.hibernate.org/job/hibernate-orm-6.0-h2-main/>.

# However, Hibernate ORM builds run on GitHub actions regularly

# to check that it still works and can be used in GitHub forks.

# See <https://docs.github.com/en/free-pro-team@latest/actions>

# for more information about GitHub actions.

name: Hibernate ORM build

on:

push:

branches:

- '5.4'

pull\_request:

branches:

- '5.4'

jobs:

build:

name: Java 8

runs-on: ubuntu-latest

# We want to know the test results of all matrix entries

continue-on-error: true

strategy:

fail-fast: false

matrix:

# When GitHub Actions supports it: <https://github.com/actions/toolkit/issues/399>

# We will use the experimental flag as indicator whether a failure should cause a workflow failure

include:

- rdbms: h2

experimental: false

# - rdbms: derby

# experimental: true

# - rdbms: mariadb

# experimental: true

- rdbms: postgresql

experimental: true

# - rdbms: oracle

# experimental: true

# - rdbms: db2

# experimental: true

# - rdbms: mssql

# experimental: true

steps:

- uses: actions/checkout@v2

- name: Reclaim Disk Space

run: .github/ci-prerequisites.sh

- name: Set up Java 8

uses: actions/setup-java@v1

with:

java-version: 1.8

- name: Get year/month for cache key

id: get-date

run: |

echo "::set-output name=yearmonth::\$(/bin/date -u "+%Y-%m")"

```

    shell: bash
  - name: Cache Maven local repository
    uses: actions/cache@v2
    id: cache-maven
    with:
      path: |
        ~/.m2/repository
        ~/.gradle/caches/
        ~/.gradle/wrapper/
      # refresh cache every month to avoid unlimited growth
      key: maven-localrepo-${{ steps.get-date.outputs.yearmonth }}
  - name: Run build script
    env:
      RDBMS: ${{ matrix.rdbms }}
    run: ./ci/build-github.sh
    shell: bash
  - name: Upload test reports (if Gradle failed)
    uses: actions/upload-artifact@v2
    if: failure()
    with:
      name: test-reports-java8-${{ matrix.rdbms }}
      path: |
        ./**/target/reports/tests/
        ./**/target/reports/checkstyle/
  - name: Omit produced artifacts from build cache
    run: ./ci/before-cache.sh
build11:
  name: Java 11
  runs-on: ubuntu-latest
  # We want to know the test results of all matrix entries
  continue-on-error: true
  steps:
    - uses: actions/checkout@v2
    - name: Set up Java 11
      uses: actions/setup-java@v1
      with:
        java-version: 11
    - name: Get year/month for cache key
      id: get-date
      run: |
        echo "::set-output name=yearmonth::$(/bin/date -u "+%Y-%m")"
      shell: bash
    - name: Cache Maven local repository
      uses: actions/cache@v2
      id: cache-maven
      with:
        path: |
          ~/.m2/repository

```

```

~/gradle/caches/
~/gradle/wrapper/
# refresh cache every month to avoid unlimited growth
key: maven-localrepo-${ steps.get-date.outputs.yearmonth }}
- name: Run build script
run: ./ci/build-github.sh
shell: bash
- name: Upload test reports (if Gradle failed)
uses: actions/upload-artifact@v2
if: failure()
with:
name: test-reports-java11
path: |
./**/target/reports/tests/
./**/target/reports/checkstyle/
- name: Omit produced artifacts from build cache
run: ./ci/before-cache.sh

```

This file is part of Hibernate Spatial, an extension to the hibernate ORM solution for spatial (geographic) data.

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- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd

- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
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- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd

- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
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- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd

- web-common\_4\_0.xsd
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Eclipse

The following artifacts are EPL.  
\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.  
\* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.  
\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api  
\* javax.annotation:javax.annotation-api  
\* javax.transaction:javax.transaction-api  
\* javax.websocket:javax.websocket-api

-----  
Oracle OpenJDK

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

module is selected.

\* java.sun.security.ssl

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

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

-----  
OW2

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

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

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Apache

The following artifacts are ASL2 licensed.

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

-----  
MortBay

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

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

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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Eclipse

The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

- \* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- \* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

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

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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

- \* java.sun.security.ssl

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

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

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OW2

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

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

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Apache

The following artifacts are ASL2 licensed.

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

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MortBay

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

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

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

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Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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# 1.94 thymeleaf-spring5 3.0.15.RELEASE

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## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

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## CUP Parser Generator for Java v 0.10k
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\* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/mapping/ExposureConfigurer.java

\* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/mapping/ExposureConfiguration.java

\* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/mapping/HttpMethods.java

\* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/mapping/ConfigurationApplyingSupportedHttpMethodsAdapter.java

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- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeLinkDelete.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/support/ResourceMappingUtils.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/RestResource.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/ValidationErrors.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeDelete.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterCreate.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterSave.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/event/LinkedEntityEvent.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/UriToEntityConverter.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/event/AbstractRepositoryEventListener.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/event/AnnotatedEventHandlerInvoker.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/RepositoryEventHandler.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterDelete.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterLinkDelete.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeLinkSave.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/Description.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeSave.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeCreate.java
- \* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/event/ValidatingRepositoryEventListener.java

\* /opt/cola/permits/1425191816\_1663951114.0319707/0/spring-data-rest-core-3-6-5-sources-1-jar/org/springframework/data/rest/core/config/RepositoryRestConfiguration.java

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* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/BaseGraph.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ClosingFuture.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/AbstractBaseGraph.java
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- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/eventbus/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/xml/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/primitives/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/primitives/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/net/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/xml/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/escape/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/html/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/ParametricNullness.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

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jar/com/google/common/escape/ElementTypesAreNonnullByDefault.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/ElementTypesAreNonnullByDefault.java  
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jar/com/google/common/net/ElementTypesAreNonnullByDefault.java  
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jar/com/google/common/collect/ElementTypesAreNonnullByDefault.java  
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jar/com/google/common/hash/Fingerprint2011.java  
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jar/com/google/common/collect/FilteredSetMultimap.java  
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jar/com/google/common/collect/TreeTraverser.java  
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jar/com/google/common/collect/TreeRangeMap.java  
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jar/com/google/common/collect/DescendingMultiset.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/FilteredEntryMultimap.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/FilteredMultimap.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/TransformedIterator.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/FilteredKeySetMultimap.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/ForwardingImmutableMap.java
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jar/com/google/common/collect/TransformedListIterator.java
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*/
/**
* Returns an array containing all of the elements in the specified collection. This method
* returns the elements in the order they are returned by the collection's iterator. The returned
* array is "safe" in that no references to it are maintained by the collection. The caller is
* thus free to modify the returned array.
*
* <p>This method assumes that the collection size doesn't change while the method is running.
*
* <p>TODO(kevinb): support concurrently modified collections?
*
* @param c the collection for which to return an array of elements
*/
```

Found in path(s):

```
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/ObjectArrays.java
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/net/package-info.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/SortedLists.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandler.java  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ContiguousSet.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Atomics.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/annotations/Beta.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/Equivalence.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Monitor.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/Ascii.java  
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```
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/ImmutableBiMapFauxverideShim.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/package-
info.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/CollectSpliterators.java
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* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/base/Optional.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/AbstractSortedMultiset.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/RegularContiguousSet.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/net/HttpHeaders.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/FutureCallback.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/base/Enums.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
```

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/LongMath.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/RemovalListener.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractScheduledService.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedInts.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/RemovalCause.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/Ticker.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/Hasher.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/PairwiseEquivalence.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/BloomFilterStrategies.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/WrappingExecutorService.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/DoubleMath.java

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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/CacheBuilderSpec.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/IntMath.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/BoundType.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/Funnel.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/BloomFilter.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/UncheckedExecutionException.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/BigIntegerMath.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/EmptyContiguousSet.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/AbstractLoadingCache.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/TreeRangeSet.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/CacheLoader.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/AbstractCompositeHashFunction.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionError.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/Murmur3\_32HashFunction.java  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/CacheStats.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedInteger.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedLong.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/HashFunction.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/Weigher.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/AbstractStreamingHasher.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/AbstractCache.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/net/MediaType.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/Cache.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/Present.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedLongs.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/FunctionalEquivalence.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/MathPreconditions.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/HashCode.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/ForwardingCache.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/Murmur3\_128HashFunction.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/Absent.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/ForwardingLoadingCache.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableMultiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/Funnels.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/net/HostAndPort.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/RemovalListeners.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/PrimitiveSink.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/TypeParameter.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/AbstractHasher.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/MessageDigestHashFunction.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/DoubleUtils.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingExecutorService.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/HashingOutputStream.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/RemovalNotification.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/Hashing.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/package-info.java

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- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/StandardRowSortedTable.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/PeekingIterator.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/Tables.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/Serialization.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/Platform.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableBiMap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableBiMap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableCollection.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMapValues.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/Collections2.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/CollectPreconditions.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableEntry.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/SingletonImmutableBiMap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMultimap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/StandardTable.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/TreeBasedTable.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/Table.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

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jar/com/google/common/collect/ImmutableMapEntrySet.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/ImmutableListMultimap.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/RegularImmutableMap.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/ImmutableMultiset.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/Range.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/HashBasedTable.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/ImmutableSortedSet.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/EmptyImmutableListMultimap.java
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/**
* Holder for web specializations of methods of { @code Shorts }. Intended to be empty for regular
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*/
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Found in path(s):
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
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jar/com/google/common/util/concurrent/NullnessCasts.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/NullnessCasts.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/NullnessCasts.java

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jar/com/google/common/primitives/ImmutableDoubleArray.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/ForwardingCondition.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/ImmutableLongArray.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/ForwardingLock.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/ImmutableIntArray.java

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* the License.
*/
/**
* Holder for web specializations of methods of { @code Floats }. Intended to be empty for regular
* version.
*/
```

Found in path(s):

```
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/primitives/FloatsMethodsForWeb.java
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```

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* the License.
*/
/**
* Outer class that exists solely to let us write { @code Partially.GwtIncompatible } instead of plain
* { @code GwtIncompatible }. This is more accurate for { @link Futures#catching }, which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use { @code PartiallyGwtIncompatible } because then the GWT compiler wouldn't recognize
* it as a { @code GwtIncompatible } annotation. And for { @code Futures.catching }, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.
*/
```

Found in path(s):

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Partially.java

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/\*\*

\* Holder for extra methods of { @code Objects } only in web. Intended to be empty for regular  
\* version.

\*/

Found in path(s):

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/ExtraObjectsMethodsForWeb.java

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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/base/JdkPattern.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/CommonMatcher.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/CommonPattern.java  
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jar/com/google/common/reflect/Reflection.java  
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jar/com/google/common/base/AbstractIterator.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Function.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/eventbus/Subscribe.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/ByteStreams.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Predicates.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/eventbus/AsyncEventBus.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/LittleEndianDataOutputStream.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Supplier.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Preconditions.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Charsets.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/LineBuffer.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/MultiInputStream.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Functions.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/FinalizablePhantomReference.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/Flushables.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/FinalizableReference.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/DirectExecutor.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/LineReader.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/AbstractFuture.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/EnumMultiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/HashBiMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Objects.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Throwables.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/CharStreams.java  
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jar/com/google/common/util/concurrent/package-info.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/eventbus/AllowConcurrentEvents.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/io/CountingOutputStream.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Interners.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Predicate.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/Closeables.java  
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jar/com/google/common/io/Resources.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/FinalizableSoftReference.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/LittleEndianDataInputStream.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/FinalizableWeakReference.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/FinalizableReferenceQueue.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Suppliers.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/package-  
info.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/eventbus/DeadEvent.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/ExecutionList.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/ListenableFuture.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/eventbus/package-info.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/Files.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/eventbus/EventBus.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/package-  
info.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/CountingInputStream.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Defaults.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/Primitives.java  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/TypeToken.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AggregateFuture.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/escape/CharEscaperBuilder.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Futures.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/CaseFormat.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/TimeoutFuture.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/AppendableWriter.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractTransformFuture.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/TimeLimiter.java  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/CollectionFuture.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/FuturesGetChecked.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/FakeTimeLimiter.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/escape/CharEscaper.java  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/ByteArrayDataOutput.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/xml/XmlEscapers.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/LineProcessor.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/DenseImmutableTable.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/LocalCache.java

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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/annotations/GwtIncompatible.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/escape/Platform.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractIdleService.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedBytes.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/net/HostSpecifier.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/net/InternetDomainName.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/escape/ArrayBasedCharEscaper.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/Splitter.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/net/UrlEscapers.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/Platform.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/MapMaker.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/html/HtmlEscapers.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/ByteArrayDataInput.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/escape/ArrayBasedEscaperMap.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/MapMakerInternalMap.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Callables.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/TypeResolver.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Service.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/SettableFuture.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractService.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/Cut.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingFuture.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/SparseImmutableTable.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/collect/RegularImmutableTable.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/annotations/GwtCompatible.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/cache/CacheBuilder.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/SignedBytes.java  
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Found in path(s):  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ImmutableSortedAsList.java  
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jar/com/google/common/hash/MacHashFunction.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

```
jar/com/google/common/collect/ConsumingQueueIterator.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/CombinedFuture.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/hash/LittleEndianByteArray.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/Platform.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/io/ReaderInputStream.java
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```

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*/
/**
* Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
* key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
* version.
*
* @throws UnsupportedOperationException always
* @deprecated <b>Pass a key of type {@code Comparable} to use {@link
* ImmutableSortedMap#of\(Comparable, Object\).</b>
*/
```

Found in path(s):

```
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
```

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\*/

/\*\*

\* Holder for web specializations of methods of { @code Ints }. Intended to be empty for regular

\* version.

\*/

Found in path(s):

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/IntsMethodsForWeb.java

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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/TreeMultiset.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/LexicographicalOrdering.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/collect/EnumHashMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/AbstractListMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/NaturalOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Interner.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/package-info.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingMultiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Multiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/AbstractMapBasedMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/AbstractMapEntry.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/TreeMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/SetMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/CompoundOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ClassToInstanceMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/UsingToStringOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/SingletonImmutableSet.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/LinkedHashMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Lists.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/NullsLastOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/SortedSetMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Iterators.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Sets.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Multimaps.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ImmutableSet.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/collect/ReverseOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ComparatorOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingMapEntry.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Multisets.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Maps.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/MutableClassToInstanceMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ConcurrentHashMultiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/AbstractMultiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Iterables.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Synchronized.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ImmutableList.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/AbstractSetMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingConcurrentMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/HashMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Ordering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/AbstractSortedSetMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/EnumBiMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/MapDifference.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingSortedMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/Multimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/RegularImmutableSet.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/NullsFirstOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/BiMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/collect/ForwardingSortedSet.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/AbstractIterator.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/AbstractMapBasedMultiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ReverseNaturalOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingCollection.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/AbstractBiMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingObject.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ListMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingListIterator.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ExplicitOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/LinkedHashMultiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ByFunctionOrdering.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingList.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/LinkedListMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ArrayListMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/HashMultiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingSet.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingQueue.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ForwardingIterator.java

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jar/com/google/common/cache/Striped64.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/LongAdder.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AtomicDoubleArray.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/Striped64.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/LongAdder.java

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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/RateLimiter.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/Invokable.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/AbstractInvocationHandler.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableRangeMap.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/Parameter.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/ByteSink.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/Stats.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/package-info.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/LongAddables.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/cache/LongAddables.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/collect/CartesianList.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/CharSink.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/reflect/ClassPath.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/ImmutableRangeSet.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/BaseEncoding.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/ListenableScheduledFuture.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/hash/AbstractByteHasher.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/Closer.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/math/StatsAccumulator.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/math/PairedStats.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/hash/SipHashFunction.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/ServiceManager.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/hash/ChecksumHashFunction.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/ByteSource.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/html/package-  
info.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/reflect/TypeCapture.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/xml/package-  
info.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/SmoothRateLimiter.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/escape/package-info.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/FilteredKeyMultimap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/hash/LongAddable.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/cache/LongAddable.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/reflect/TypeToInstanceMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/math/PairedStatsAccumulator.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/MutableTypeToInstanceMap.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/CharSource.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/FileWriteMode.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/LinearTransformation.java

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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AtomicLongMap.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/GwtTransient.java

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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/SortedMultiset.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/SortedMultisets.java

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/\*\*

\* Holder for web specializations of methods of { @code Doubles }. Intended to be empty for regular  
\* version.

\*/

Found in path(s):

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/primitives/DoublesMethodsForWeb.java

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- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/RowSortedTable.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingSortedSetMultimap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingSetMultimap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/MinMaxPriorityQueue.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/AbstractSequentialIterator.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/UnmodifiableListIterator.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingListMultimap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/SortedMapDifference.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingImmutableCollection.java

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- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/Java8Compatibility.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/OverflowAvoidingLockSupport.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/ToDoubleRounder.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/io/Java8Compatibility.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/math/BigDecimalMath.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/hash/Java8Compatibility.java

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jar/com/google/common/primitives/Platform.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/Internal.java

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\* This method was rewritten in Java from an intermediate step of the Murmur hash function in  
\* <http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp>, which contained the  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/ImmutableSupplier.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionSequencer.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableSet.java

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info.java

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 */
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 *
 * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
 * java.util.HashMap class.
 */
```

Found in path(s):

```
* /opt/cola/permits/1292116189_1647933632.95/0/guava-31-1-jre-sources-
jar/com/google/common/util/concurrent/Striped.java
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/Comparators.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/StandardMutableNetwork.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/NetworkConnections.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/StandardMutableValueGraph.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/GraphConstants.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/ElementOrder.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/RangeGwtSerializationDependencies.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java

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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/AbstractGraph.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/StandardMutableGraph.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/UndirectedNetworkConnections.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/ValueGraphBuilder.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/MapRetrievalCache.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/ForwardingNetwork.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/MutableValueGraph.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/GraphConnections.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/NetworkBuilder.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/EndpointPair.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/StandardValueGraph.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/StandardNetwork.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/AbstractValueGraph.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/UndirectedGraphConnections.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/ValueGraph.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/MultiEdgesConnecting.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/DirectedMultiNetworkConnections.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/ForwardingValueGraph.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/MapIteratorCache.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/AbstractNetwork.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/CollectCollectors.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/DirectedGraphConnections.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/MoreCollectors.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/ImmutableValueGraph.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/GraphBuilder.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/LinkedHashMapMultimapGwtSerializationDependencies.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/ForwardingGraph.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/EndpointPairIterator.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/EdgesConnecting.java  
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jar/com/google/common/eventbus/Dispatcher.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/math/Quantiles.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/ListenerCallQueue.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/eventbus/Subscriber.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/MoreObjects.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/eventbus/SubscriberRegistry.java

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jar/com/google/common/collect/ImmutableMapEntry.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/MoreFiles.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/collect/MultimapBuilder.java

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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/graph/IncidentEdgeSet.java

\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/CompactHashing.java

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jar/com/google/common/graph/Graph.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/RecursiveDeleteOption.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/graph/Network.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/graph/PredecessorsFunction.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/graph/ImmutableNetwork.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/InsecureRecursiveDeleteException.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/graph/MutableGraph.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/graph/ImmutableGraph.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/collect/TopKSelector.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/graph/Graphs.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/graph/MutableNetwork.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/graph/SuccessorsFunction.java

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- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ComparisonChain.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/TableCollectors.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableList.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/SingletonImmutableList.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ArrayTable.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableEnumSet.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/DiscreteDomain.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingTable.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ComputationException.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/SingletonImmutableTable.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableAsList.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/AbstractIndexedListIterator.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableTable.java
- \* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-

jar/com/google/common/collect/ImmutableSetMultimap.java

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jar/com/google/common/collect/SortedIterables.java

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jar/com/google/common/collect/AbstractRangeSet.java

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jar/com/google/common/collect/Count.java

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jar/com/google/common/collect/SortedIterable.java

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jar/com/google/common/collect/ForwardingSortedMultiset.java

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jar/com/google/common/collect/ImmutableSortedMultiset.java

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jar/com/google/common/collect/RegularImmutableSortedMultiset.java

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jar/com/google/common/collect/RangeSet.java

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jar/com/google/common/collect/FluentIterable.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/Longs.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/Chars.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Converter.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/net/PercentEscaper.java  
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jar/com/google/common/primitives/Bytes.java  
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jar/com/google/common/escape/UnicodeEscaper.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/Stopwatch.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/io/MultiReader.java  
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jar/com/google/common/escape/Escaper.java  
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jar/com/google/common/io/FileBackedOutputStream.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/CharMatcher.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/Floats.java  
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jar/com/google/common/primitives/Ints.java  
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jar/com/google/common/net/InetAddresses.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/base/internal/Finalizer.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/Shorts.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/primitives/Booleans.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-  
jar/com/google/common/util/concurrent/ListenableFutureTask.java  
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jar/com/google/thirdparty/publicsuffix/TrieParser.java  
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jar/com/google/common/primitives/Doubles.java  
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jar/com/google/common/util/concurrent/SequentialExecutor.java  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/hash/HashingInputStream.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/base/Utf8.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/reflect/TypeVisitor.java  
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\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionContext.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionHandler.java  
\* /opt/cola/permits/1292116189\_1647933632.95/0/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Runnables.java

## 1.103 error\_prone\_annotations 2.3.4

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- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/Immutable.java
- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/ForOverride.java
- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/CompileTimeConstant.java
- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/RequiredModifiers.java
- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/Var.java
- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/SuppressPackageLocation.java

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- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-

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\* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-  
jar/com/google/errorprone/annotations/RestrictedApi.java  
\* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-  
jar/com/google/errorprone/annotations/MustBeClosed.java  
\* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-  
jar/com/google/errorprone/annotations/CompatibleWith.java  
\* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-  
jar/com/google/errorprone/annotations/DoNotMock.java  
\* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-  
jar/com/google/errorprone/annotations/FormatMethod.java  
\* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-  
jar/com/google/errorprone/annotations/FormatString.java  
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- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
- \* /opt/cola/permits/1349040975\_1655882556.5391665/0/error-prone-annotations-2-3-4-sources-11-jar/com/google/errorprone/annotations/NoAllocation.java

# 1.104 netty-resolver 4.1.82.Final

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Found in path(s):

- \* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/META-INF/maven/io.netty/netty-resolver/pom.xml

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Found in path(s):

\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/InetSocketAddressResolver.java  
\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/AddressResolver.java  
\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/CompositeNameResolver.java  
\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/AbstractAddressResolver.java  
\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/DefaultNameResolver.java  
\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/DefaultAddressResolverGroup.java  
\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/HostsFileEntriesResolver.java  
\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/InetAddressResolver.java  
\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java  
\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-jar/io/netty/resolver/HostsFileParser.java

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\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-

jar/io/netty/resolver/ResolvedAddressTypes.java

\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-

jar/io/netty/resolver/HostsFileEntries.java

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jar/io/netty/resolver/HostsFileEntriesProvider.java

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\* /opt/cola/permits/1448973147\_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-

jar/io/netty/resolver/RoundRobinInetAddressResolver.java

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Found in path(s):

```
* /opt/cola/permits/1448973147_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-
jar/io/netty/resolver/package-info.java
* /opt/cola/permits/1448973147_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-
jar/io/netty/resolver/NoopAddressResolver.java
* /opt/cola/permits/1448973147_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-
jar/io/netty/resolver/NameResolver.java
* /opt/cola/permits/1448973147_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-
jar/io/netty/resolver/AddressResolverGroup.java
* /opt/cola/permits/1448973147_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-
jar/io/netty/resolver/SimpleNameResolver.java
* /opt/cola/permits/1448973147_1666405902.2425053/0/netty-resolver-4-1-82-final-sources-1-
jar/io/netty/resolver/NoopAddressResolverGroup.java
```

## 1.105 netty-handler 4.1.77.Final

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Found in path(s):

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/DelegatingSslContext.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/flush/FlushConsolidationHandler.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/flow/package-info.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/Java8SslUtils.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/PemEncoded.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/PemX509Certificate.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/PemValue.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslCertificateException.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/PemPrivateKey.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/flush/package-info.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java

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\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslCertificateCompressionAlgorithm.java

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\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionCache.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/SslContextOption.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslContextOption.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionId.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/GroupsConverter.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/SslProtocols.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslClientSessionCache.java

```
* /opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-
jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
* /opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-
jar/io/netty/handler/ssl/BouncyCastle.java
* /opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-
jar/io/netty/handler/ssl/AsyncRunnable.java
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jar/io/netty/handler/address/ResolveAddressHandler.java
* /opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-
jar/io/netty/handler/logging/ByteBufFormat.java
* /opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-
jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java
* /opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-
jar/io/netty/handler/ipfilter/IpSubnetFilter.java
* /opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-
jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java
* /opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-
jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java
* /opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-
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\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/timeout/package-info.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/timeout/ReadTimeoutHandler.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/SslHandler.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/timeout/WriteTimeoutHandler.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/logging/LoggingHandler.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/package-info.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/timeout/IdleState.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/stream/ChunkedNioStream.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/stream/ChunkedStream.java

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\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/timeout/IdleStateHandler.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/timeout/WriteTimeoutException.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/NotSslRecordException.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/util/package-info.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/stream/ChunkedInput.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/stream/ChunkedFile.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/logging/LogLevel.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/stream/ChunkedWriteHandler.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/timeout/ReadTimeoutException.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/timeout/TimeoutException.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/stream/ChunkedNioFile.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/timeout/IdleStateEvent.java

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\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslPrivateKey.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-

jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslKeyMaterial.java  
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jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-  
jar/io/netty/handler/ssl/ExtendedOpenSslSession.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java  
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jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-  
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*/opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java
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*/opt/cola/permits/1345092023_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/SslContextBuilder.java
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\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java

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\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ipfilter/package-info.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/SniHandler.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/JdkSslServerContext.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java

\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/CipherSuiteFilter.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionStats.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslContext.java  
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\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/PemReader.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ipfilter/UniqueIpFilter.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java

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- \* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/pcap/PcapWriteHandler.java
- \* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/pcap/EthernetPacket.java
- \* /opt/cola/permits/1345092023\_1655309068.2890713/0/netty-handler-4-1-77-final-sources-1-jar/io/netty/handler/pcap/PcapWriter.java
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## Harfbuzz v1.8.2

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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/internal/database/hsqldb/HSQLDBTable.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/internal/jdbc/StatementInterceptor.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/internal/callback/SimpleContext.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/internal/database/mysql/mariadb/MariaDBDatabase.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/internal/util/TimeFormat.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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jar/org/flywaydb/core/api/callback/package-info.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/internal/database/cockroachdb/CockroachDBParser.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-

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 \* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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 \* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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jar/org/flywaydb/core/internal/sqlscript/Delimiter.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/internal/util/StopWatch.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/internal/database/db2/DB2DatabaseType.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-

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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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jar/org/flywaydb/core/internal/schemahistory/SchemaHistoryFactory.java  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/api/output/MigrateOutput.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
jar/org/flywaydb/core/internal/logging/apachecommons/ApacheCommonsLogCreator.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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jar/org/flywaydb/core/api/configuration/S3ClientFactory.java  
\* /opt/cola/permits/1296001624\_1648529421.42/0/flyway-core-7-15-0-sources-  
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## 1.109 hdrhistogram 2.1.12

### 1.109.1 Available under license :

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```
/**
```

```
* Written by Gil Tene of Azul Systems, and released to the public domain,
* as explained at http://creativecommons.org/publicdomain/zero/1.0/
*/
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Found in path(s):

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* /opt/cola/permits/1257203437_1642787675.09/0/hdrhistogram-2-1-12-sources-
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\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleRecordedValuesIterator.java  
\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleAllValuesIterator.java  
\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/SingleWriterRecorder.java  
\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleLogarithmicIterator.java  
\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/ShortCountsHistogram.java  
\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/EncodableHistogram.java  
\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/HistogramLogScanner.java  
\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/packedarray/PackedArrayRecorder.java  
\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/ConcurrentHistogram.java  
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\*/

Found in path(s):

\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/AbstractHistogram.java  
\* /opt/cola/permits/1257203437\_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleHistogram.java

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```
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* package-info.java  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1257203437_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/package-info.java
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```

```
package org.HdrHistogram;
```

```
final class Version {  
    public static final String version="$VERSION$";  
    public static final String build_time="$BUILD_TIMES$";  
}
```

Found in path(s):

```
* /opt/cola/permits/1257203437_1642787675.09/0/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/Version.java.template
```

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```

Found in path(s):

```
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-jar/javax/annotation/concurrent/GuardedBy.java  
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-jar/javax/annotation/concurrent/NotThreadSafe.java  
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-jar/javax/annotation/concurrent/Immutable.java  
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-jar/javax/annotation/concurrent/ThreadSafe.java
```

# 1.112 spring-expression 5.3.23

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\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/io/netty/channel/unix/Buffer.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/netty\_unix\_buffer.h  
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\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/netty\_unix\_util.c  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/netty\_unix\_util.h  
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\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/io/netty/channel/unix/PeerCredentials.java  
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1-jar/io/netty/channel/unix/Errors.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-  
1-jar/io/netty/channel/unix/ServerDomainSocketChannel.java  
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1-jar/netty\_unix\_socket.c  
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1-jar/netty\_unix\_errors.h  
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1-jar/io/netty/channel/unix/UnixChannel.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-  
1-jar/io/netty/channel/unix/DomainSocketAddress.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-  
1-jar/io/netty/channel/unix/FileDescriptor.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-  
1-jar/netty\_unix\_errors.c  
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1-jar/io/netty/channel/unix/DatagramSocketAddress.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-  
1-jar/io/netty/channel/unix/NativeInetAddress.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-  
1-jar/io/netty/channel/unix/Socket.java  
\* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-  
1-jar/netty\_unix\_socket.h  
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1-jar/io/netty/channel/unix/DomainSocketReadMode.java  
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1-jar/io/netty/channel/unix/DomainSocketChannelConfig.java  
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- \* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/io/netty/channel/unix/Unix.java

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- \* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/io/netty/channel/unix/DomainDatagramSocketAddress.java
- \* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/io/netty/channel/unix/DomainDatagramChannel.java
- \* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/io/netty/channel/unix/DomainDatagramChannelConfig.java
- \* /opt/cola/permits/1350828745\_1656063998.9734578/0/netty-transport-native-unix-common-4-1-78-final-sources-1-jar/io/netty/channel/unix/DomainDatagramPacket.java

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jar/org/springframework/plugin/core/OrderAwarePluginRegistry.java
 * /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/config/PluginListDefinitionParser.java
 * /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/config/PluginNamespaceHandler.java
 * /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/PluginRegistry.java
 * /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/support/AbstractTypeAwareSupport.java
 * /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/support/PluginRegistryFactoryBean.java
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jar/org/springframework/plugin/core/SimplePluginRegistry.java
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jar/org/springframework/plugin/core/Plugin.java
 * /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
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# 1.116 jaxb-runtime 2.3.6

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\* Source: <https://github.com/cbeust/testng>

wagon-http-lightweight (3.0.0)

\* License: Pending

\* Project: <https://maven.apache.org/wagon/>

\* Source:

<https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0>

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## 1.117 protocol-core 2.17.165

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## 1.119 spring-tx 5.3.23

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```
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# However, Hibernate ORM builds run on GitHub actions regularly
# to check that it still works and can be used in GitHub forks.
# See https://docs.github.com/en/free-pro-team@latest/actions
# for more information about GitHub actions.
```

name: Hibernate ORM build

on:

push:

branches:

- '5.4'

pull\_request:

branches:

```

- '5.4'
jobs:
  build:
    name: Java 8
    runs-on: ubuntu-latest
    # We want to know the test results of all matrix entries
    continue-on-error: true
    strategy:
      fail-fast: false
    matrix:
      # When GitHub Actions supports it: https://github.com/actions/toolkit/issues/399
      # We will use the experimental flag as indicator whether a failure should cause a workflow failure
      include:
        - rdbms: h2
          experimental: false
        #   - rdbms: derby
        #     experimental: true
        #   - rdbms: mariadb
        #     experimental: true
        - rdbms: postgresql
          experimental: true
        #   - rdbms: oracle
        #     experimental: true
        #   - rdbms: db2
        #     experimental: true
        #   - rdbms: mssql
        #     experimental: true
    steps:
      - uses: actions/checkout@v2
      - name: Reclaim Disk Space
        run: .github/ci-prerequisites.sh
      - name: Set up Java 8
        uses: actions/setup-java@v1
        with:
          java-version: 1.8
      - name: Get year/month for cache key
        id: get-date
        run: |
          echo "::set-output name=yearmonth::$(/bin/date -u "+%Y-%m")"
        shell: bash
      - name: Cache Maven local repository
        uses: actions/cache@v2
        id: cache-maven
        with:
          path: |
            ~/.m2/repository
            ~/.gradle/caches/
            ~/.gradle/wrapper/

```

```

    # refresh cache every month to avoid unlimited growth
    key: maven-localrepo-${{ steps.get-date.outputs.yearmonth }}
- name: Run build script
  env:
    RDBMS: ${{ matrix.rdbms }}
  run: ./ci/build-github.sh
  shell: bash
- name: Upload test reports (if Gradle failed)
  uses: actions/upload-artifact@v2
  if: failure()
  with:
    name: test-reports-java8-${{ matrix.rdbms }}
    path: |
      ./**/target/reports/tests/
      ./**/target/reports/checkstyle/
- name: Omit produced artifacts from build cache
  run: ./ci/before-cache.sh
build11:
  name: Java 11
  runs-on: ubuntu-latest
  # We want to know the test results of all matrix entries
  continue-on-error: true
  steps:
    - uses: actions/checkout@v2
    - name: Set up Java 11
      uses: actions/setup-java@v1
      with:
        java-version: 11
    - name: Get year/month for cache key
      id: get-date
      run: |
        echo "::set-output name=yearmonth::$(/bin/date -u "+%Y-%m")"
      shell: bash
    - name: Cache Maven local repository
      uses: actions/cache@v2
      id: cache-maven
      with:
        path: |
          ~/.m2/repository
          ~/.gradle/caches/
          ~/.gradle/wrapper/
        # refresh cache every month to avoid unlimited growth
        key: maven-localrepo-${{ steps.get-date.outputs.yearmonth }}
    - name: Run build script
      run: ./ci/build-github.sh
      shell: bash
    - name: Upload test reports (if Gradle failed)
      uses: actions/upload-artifact@v2

```

```
if: failure()
with:
  name: test-reports-java11
  path: |
    ./**/target/reports/tests/
    ./**/target/reports/checkstyle/
- name: Omit produced artifacts from build cache
  run: ./ci/before-cache.sh
```

This file is part of Hibernate Spatial, an extension to the hibernate ORM solution for spatial (geographic) data.

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\* /opt/cola/permits/1000890861\_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/ReflectionSupport.java

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\* /opt/cola/permits/1000890861\_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/AutoreleasePool.java

\* /opt/cola/permits/1000890861\_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/WeakOuter.java

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include/bsd/vis.h  
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man/errc.3bsd  
man/explicit\_bzero.3bsd  
man/fgetln.3bsd  
man/fgetwln.3bsd  
man/fpurge.3bsd  
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man/reallocf.3bsd  
man/setmode.3bsd  
man/strmode.3bsd  
man/strnstr.3bsd  
man/strtoi.3bsd  
man/strtou.3bsd  
man/unvis.3bsd  
man/vis.3bsd  
man/wcsncpy.3bsd  
src/getbsize.c  
src/heapsort.c  
src/merge.c  
src/nlist.c  
src/pwcache.c  
src/radixsort.c  
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man/fmtcheck.3bsd

man/humanize\_number.3bsd

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src/fparseln.c

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Files:

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man/readpassphrase.3bsd  
man/strncpy.3bsd  
man/strtonum.3bsd  
src/arc4random.c  
src/arc4random\_linux.h  
src/arc4random\_openbsd.h  
src/arc4random\_uniform.c  
src/arc4random\_unix.h  
src/arc4random\_win.h  
src/closefrom.c  
src/freezero.c  
src/getentropy\_aix.c  
src/getentropy\_bsd.c  
src/getentropy\_hpux.c  
src/getentropy\_hurd.c  
src/getentropy\_linux.c  
src/getentropy\_osx.c  
src/getentropy\_solaris.c  
src/getentropy\_win.c  
src/readpassphrase.c  
src/reallocarray.c  
src/recallocarray.c

src/strlcat.c

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## 1.128 spring-jdbc 5.3.21

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 */
/**
 * Implement this interface when parameters need to be customized based
 * on the connection. We might need to do this to make use of proprietary
 * features, available only with a specific Connection type.
 *
 * @author Rod Johnson
 * @author Thomas Risberg
 * @see CallableStatementCreatorFactory#newCallableStatementCreator(ParameterMapper)
 * @see org.springframework.jdbc.object.StoredProcedure#execute(ParameterMapper)
 */
/**
 * Create a Map of input parameters, keyed by name.
 * @param con a JDBC connection. This is useful (and the purpose of this interface)
 * if we need to do something RDBMS-specific with a proprietary Connection
 * implementation class. This class conceals such proprietary details. However,
 * it is best to avoid using such proprietary RDBMS features if possible.
 * @return a Map of input parameters, keyed by name (never {@code null})
 * @throws SQLException if an SQLException is encountered setting
 * parameter values (that is, there's no need to catch SQLException)
 */
```

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/TableMetaDataProviderFactory.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/GenericTableMetaDataProvider.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/CompositeDatabasePopulator.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/CallableStatementCallback.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/ScriptException.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/NamedParameterUtils.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/CannotReadScriptException.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/JdbcOperations.java

```
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/init/UncategorizedScriptException.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/MySQLMaxValueIncrementer.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/simple/SimpleJdbcInsert.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/metadata/CallMetaDataContext.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/DataSourceUtils.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/metadata/GenericCallMetaDataProvider.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/TransactionAwareDataSourceProxy.java
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jar/org/springframework/jdbc/core/metadata/TableMetaDataContext.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/namedparam/NamedParameterJdbcOperations.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/AbstractIdentityColumnMaxValueIncrementer.java
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jar/org/springframework/jdbc/core/PreparedStatementSetter.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/lookup/DataSourceLookup.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/RowCallbackHandler.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
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jar/org/springframework/jdbc/support/lob/LobHandler.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-

jar/org/springframework/jdbc/core/namedparam/MapSqlParameterSourceExtensions.kt

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jar/org/springframework/jdbc/core/namedparam/BeanPropertySqlParameterSource.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-

jar/org/springframework/jdbc/support/rowset/SqlRowSet.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-

jar/org/springframework/jdbc/support/SQLStateSQLExceptionTranslator.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-

jar/org/springframework/jdbc/datasource/init/ResourceDatabasePopulator.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/object/SqlFunction.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/core/namedparam/MapSqlParameterSource.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/core/namedparam/AbstractSqlParameterSource.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/datasource/JdbcTransactionObjectSupport.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/core/namedparam/SqlParameterSource.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/support/CustomSQLExceptionTranslatorRegistry.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/core/support/AbstractLobStreamingResultSetExtractor.java  
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jar/org/springframework/jdbc/support/SQLExceptionSubclassTranslator.java  
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jar/org/springframework/jdbc/support/incrementer/H2SequenceMaxValueIncrementer.java  
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jar/org/springframework/jdbc/support/SQLExceptionCodeSQLExceptionTranslator.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/core/BeanPropertyRowMapper.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/datasource/init/DatabasePopulator.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/core/simple/AbstractJdbcInsert.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/core/DataClassRowMapper.java

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jar/org/springframework/jdbc/config/EmbeddedDatabaseBeanDefinitionParser.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/config/InitializeDatabaseBeanDefinitionParser.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/metadata/SybaseCallMetaDataProvider.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/lob/PassThroughClob.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/init/DataSourceInitializer.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/lob/PassThroughBlob.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/lookup/BeanFactoryDataSourceLookup.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/AbstractDriverBasedDataSource.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/metadata/OracleCallMetaDataProvider.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/xml/Jdbc4SqlXmlHandler.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/metadata/PostgresCallMetaDataProvider.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/ParameterDisposer.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/ConnectionProxy.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/support/SqlLobValue.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
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jar/org/springframework/jdbc/support/lob/DefaultLobHandler.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/support/CustomSQLExceptionCodesTranslation.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/datasource/DelegatingDataSource.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseFactoryBean.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/core/metadata/SqlServerCallMetaDataProvider.java  
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jar/org/springframework/jdbc/object/GenericStoredProcedure.java  
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jar/org/springframework/jdbc/datasource/lookup/SingleDataSourceLookup.java  
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jar/org/springframework/jdbc/support/xml/XmlCharacterStreamProvider.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/datasource/lookup/IndiDataSourceLookup.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/support/xml/XmlResultProvider.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/datasource/SmartDataSource.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/support/incrementer/AbstractSequenceMaxValueIncrementer.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/core/BatchPreparedStatementSetter.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/datasource/embedded/SimpleDriverDataSourceFactory.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-  
jar/org/springframework/jdbc/config/JdbcNamespaceHandler.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/xml/SqlXmlFeatureNotImplementedException.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/xml/XmlBinaryStreamProvider.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/SqlValue.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/SQLWarningException.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/MetaDataAccessException.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/InterruptibleBatchPreparedStatementSetter.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/lookup/DataSourceLookupFailureException.java  
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/**  
* Strategy interface for translating between {@link SQLException SQLExceptions}  
* and Spring's data access strategy-agnostic {@link DataAccessException DataAccessException}  
* hierarchy.  
*  
* <p>Implementations can be generic (for example, using  
* {@link java.sql.SQLException#getSQLState() SQLState} codes for JDBC) or wholly  
* proprietary (for example, using Oracle error codes) for greater precision.  
*  
* @author Rod Johnson  
* @author Juergen Hoeller  
* @see org.springframework.dao.DataAccessException  
*/
```

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jar/org/springframework/jdbc/support/rowset/SqlRowSetMetaData.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/embedded/ConnectionProperties.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/HsqlMaxValueIncrementer.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
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jar/org/springframework/jdbc/datasource/init/ScriptStatementFailedException.java
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jar/org/springframework/jdbc/support/incrementer/DB2SequenceMaxValueIncrementer.java
* /opt/cola/permits/1347858321_1655733687.2580528/0/spring-jdbc-5-3-21-sources-
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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/SimpleDriverDataSource.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/SingleConnectionDataSource.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/DatabaseStartupValidator.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/LazyConnectionDataSourceProxy.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/CallableStatementCreatorFactory.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlReturnTypes.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/rowset/ResultSetWrappingSqlRowSet.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/RdbmsOperation.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/NamedParameterJdbcTemplate.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlParameter.java  
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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/AbstractEmbeddedDatabaseConfigurer.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlProvider.java

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\* The classes in this package make JDBC easier to use and

\* reduce the likelihood of common errors. In particular, they:

\* <ul>

\* <li>Simplify error handling, avoiding the need for try/catch/finally

\* blocks in application code.

\* <li>Present exceptions to application code in a generic hierarchy of

\* unchecked exceptions, enabling applications to catch data access

\* exceptions without being dependent on JDBC, and to ignore fatal

- \* exceptions there is no value in catching.
- \* <li>Allow the implementation of error handling to be modified
- \* to target different RDBMSes without introducing proprietary
- \* dependencies into application code.
- \* </ul>
- \*
- \* <p>This package and related packages are discussed in Chapter 9 of
- \* <a href="https://www.amazon.com/exec/obidos/tg/detail/-/0764543857/">Expert One-On-One J2EE Design and Development</a>
- \* by Rod Johnson (Wrox, 2002).
- \*/

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/DerbyEmbeddedDatabaseConfigurer.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/PostgreSQLSequenceMaxValueIncrementer.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/OracleSequenceMaxValueIncrementer.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/MappingSqlQuery.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseConfigurer.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/SqlOperation.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ConnectionCallback.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/rowset/ResultSetWrappingSqlRowSetMetaData.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlReturnUpdateCount.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/DerbyTableMetaDataProvider.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/SybaseAnywhereMaxValueIncrementer.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ParameterizedPreparedStatementSetter.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/support/AbstractInterruptibleBatchPreparedStatementSetter.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/BatchSqlUpdate.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseType.java

\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/HanaSequenceMaxValueIncrementer.java

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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/OracleTableMetaDataProvider.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/simple/SimpleJdbcCallOperations.java  
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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ResultSetSupportingSqlParameter.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/Db2MainFrameMaxValueIncrementer.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/support/JdbcDaoSupport.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/SqlCall.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/BadSqlGrammarException.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/NamedParameterBatchUpdateUtils.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/ConnectionHandle.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/SqlQuery.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/SqlUpdate.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ResultSetExtractor.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/IsolationLevelDataSourceAdapter.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/TableParameterMetaData.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/config/DatabasePopulatorConfigUtils.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/AbstractDataSource.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/GenericSqlQuery.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/InvalidResultSetAccessException.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/LobRetrievalFailureException.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/support/AbstractSqlTypeValue.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/CustomSQLExceptionTranslatorRegistrar.java  
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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/IncorrectResultSetColumnCountException.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/lookup/MapDataSourceLookup.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/SybaseMaxValueIncrementer.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/config/SortedResourcesFactoryBean.java  
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\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/CannotGetJdbcConnectionException.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/OutputStreamFactory.java  
\* /opt/cola/permits/1347858321\_1655733687.2580528/0/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ArgumentTypePreparedStatementSetter.java  
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 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
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 * limitations under the License.  
 */  
/**  
 * Close this LobCreator session and free its temporarily created BLOBs and CLOBs.  
 * Will not need to do anything if using PreparedStatement's standard methods,  
 * but might be necessary to free database resources if using proprietary means.  
 * <p><b>NOTE</b></p>: Needs to be invoked after the involved PreparedStatements have
```

- \* been executed or the affected O/R mapping sessions have been flushed.
- \* Otherwise, the database resources for the temporary BLOBs might stay allocated.
- \*/

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## 1.130 springfox-spring-web 2.9.2

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\* /opt/cola/permits/1177939630\_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/ObjectMapperConfigurer.java

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\* /opt/cola/permits/1177939630\_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/readers/operation/OperationParameterHeadersConditionReader.java  
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\* /opt/cola/permits/1177939630\_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/scanners/ApiDocumentationScanner.java  
\* /opt/cola/permits/1177939630\_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/readers/parameter/ParameterDataTypeReader.java  
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jar/springfox/documentation/spring/web/readers/parameter/ExpansionContext.java  
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jar/springfox/documentation/spring/web/readers/parameter/ParameterTypeDeterminer.java  
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jar/springfox/documentation/spring/web/scanners/ApiListingReferenceScanner.java  
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```

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```
* /opt/cola/permits/1230781693_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-
jar/org/springframework/cloud/aws/core/SpringCloudClientConfiguration.java
```

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* /opt/cola/permits/1230781693_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-
jar/org/springframework/cloud/aws/core/region/DefaultAwsRegionProviderChainDelegate.java
* /opt/cola/permits/1230781693_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-
jar/org/springframework/cloud/aws/core/io/s3/SimpleStorageProtocolResolver.java
* /opt/cola/permits/1230781693_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-
jar/org/springframework/cloud/aws/core/config/AmazonWebserviceClientFactoryBean.java
* /opt/cola/permits/1230781693_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-
jar/org/springframework/cloud/aws/core/io/s3/AmazonS3ClientFactory.java
```

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```
* /opt/cola/permits/1230781693_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/META-
INF/maven/org.springframework.cloud/spring-cloud-aws-core/pom.xml
```

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* /opt/cola/permits/1230781693_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-
jar/org/springframework/cloud/aws/core/env/ec2/AmazonEc2InstanceDataPropertySource.properties
```

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- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/env/stack/config/AutoDetectingStackNameProvider.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/region/Ec2MetadataRegionProvider.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/credentials/CredentialsProviderFactoryBean.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/region/StaticRegionProvider.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/support/documentation/RuntimeUse.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/env/stack/config/StackResourceRegistryFactoryBean.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/region/RegionProvider.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/io/s3/PathMatchingSimpleStorageResourcePatternResolver.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/env/ec2/AmazonEc2InstanceUserTagsFactoryBean.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/io/s3/SimpleStorageNameUtils.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/env/ec2/AmazonEc2InstanceIdProvider.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/env/stack/config/StaticStackNameProvider.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/io/s3/AmazonS3ProxyFactory.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/naming/AmazonResourceName.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/env/stack/StackResourceRegistry.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/config/AmazonWebserviceClientConfigurationUtils.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/env/stack/ListableStackResourceFactory.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/env/stack/config/StackResourceUserTagsFactoryBean.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-jar/org/springframework/cloud/aws/core/env/stack/config/StackNameProvider.java
- \* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-

jar/org/springframework/cloud/aws/core/env/StackResourceRegistryDetectingResourceIdResolver.java  
\* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/core/config/xml/XmlWebserviceConfigurationUtils.java  
\* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/core/task/ShutdownSuppressingExecutorServiceAdapter.java  
\* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/core/env/ec2/InstanceIdProvider.java  
\* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/core/env/ResourceIdResolver.java  
\* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/core/io/s3/SimpleStorageResource.java  
\* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/core/env/stack/StackResource.java  
\* /opt/cola/permits/1230781693\_1637569888.86/0/spring-cloud-aws-core-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/core/env/ec2/AmazonEc2InstanceDataPropertySource.java

## 1.138 jmespath-java 1.12.196

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\* /opt/cola/permits/1331582650\_1653080911.6546357/0/jmespath-java-1-12-196-jar/META-INF/maven/com.amazonaws/jmespath-java/pom.xml

## 1.139 aws-java-sdk-cloudwatch 1.12.196

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## 1.140 spring-data-rest-core 3.6.7

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\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/SimpleResourceDescription.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/config/MetadataConfiguration.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/config/ProjectionDefinitionConfiguration.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ResourceType.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/config/Projection.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/MappingResourceMetadata.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ParameterMetadata.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/CrudMethodsSupportedHttpMethods.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ResolvableResourceDescriptionSupport.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ParametersMetadata.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/SupportedHttpMethods.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/TypedResourceDescription.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/AnnotationBasedResourceDescription.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/projection/ProjectionDefinitions.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ResourceMappings.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/annotation/RepositoryRestResource.java

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\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ConfigurationApplyingSupportedHttpMethodsAdapter.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ComposableFilter.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ConfigurableHttpMethods.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ExposureConfigurer.java  
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\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ExposureConfiguration.java

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jar/org/springframework/data/rest/core/support/EntityLookupSupport.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/support/SelfLinkProvider.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/mapping/RepositoryDetectionStrategy.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/mapping/PropertyAwareResourceMapping.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/mapping/PersistentEntitiesResourceMappings.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/config/EnumTranslationConfiguration.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/mapping/PersistentPropertyResourceMapping.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/config/JsonSchemaFormat.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
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\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/support/UnwrappingRepositoryInvokerFactory.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/config/EntityLookupConfiguration.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/config/EntityLookupRegistrar.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-  
jar/org/springframework/data/rest/core/support/EntityLookup.java  
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jar/org/springframework/data/rest/core/annotation/RepositoryEventHandler.java  
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jar/org/springframework/data/rest/core/annotation/RestResource.java

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\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeDelete.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/event/AnnotatedEventHandlerInvoker.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterSave.java  
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\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/event/AbstractRepositoryEventListener.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterLinkDelete.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterCreate.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeLinkDelete.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/support/ResourceMappingUtils.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeLinkSave.java  
\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/annotation/Description.java  
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\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/event/ValidatingRepositoryEventListener.java  
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\* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/UriToEntityConverter.java  
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- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/support/ResourceStringUtils.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/RepositoryCollectionResourceMapping.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/RepositoryResourceMappings.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/config/ResourceMapping.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/EvoInflectorTypeBasedCollectionResourceMapping.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ResourceMapping.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/SearchResourceMappings.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/Path.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/config/ResourceMappingConfiguration.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/util/MapUtils.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/CollectionResourceMapping.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/RepositoryAwareResourceMetadata.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/ResourceMetadata.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/support/SimpleRelProvider.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/MethodResourceMapping.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/TypeBasedCollectionResourceMapping.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/mapping/RepositoryMethodResourceMapping.java
- \* /opt/cola/permits/1501219102\_1670451575.3577256/0/spring-data-rest-core-3-6-7-sources-1-jar/org/springframework/data/rest/core/support/RepositoryRelProvider.java

# 1.141 aws-java-sdk-sts 1.12.196

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# 1.143 aws-query-protocol 2.17.186

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\* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/KinesisAnalyticsInputPreprocessingResponse.java  
\* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/KinesisAnalyticsOutputDeliveryResponse.java  
\* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/KinesisAnalyticsFirehoseInputPreprocessingEvent.java  
\* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/KinesisAnalyticsStreamsInputPreprocessingEvent.java  
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- \* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/S3Event.java
- \* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/AppSyncLambdaAuthorizerResponse.java
- \* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/KinesisEvent.java
- \* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/AppSyncLambdaAuthorizerEvent.java
- \* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/ActiveMQEvent.java
- \* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/KafkaEvent.java

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- \* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/APIGatewayV2HTTPResponse.java
- \* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/CognitoUserPoolDefineAuthChallengeEvent.java
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jar/com/amazonaws/services/lambda/runtime/events/models/dynamodb/AttributeValue.java  
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jar/com/amazonaws/services/lambda/runtime/events/CognitoUserPoolMigrateUserEvent.java  
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jar/com/amazonaws/services/lambda/runtime/events/models/dynamodb/Identity.java  
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jar/com/amazonaws/services/lambda/runtime/events/CognitoUserPoolCreateAuthChallengeEvent.java  
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jar/com/amazonaws/services/lambda/runtime/events/LambdaDestinationEvent.java  
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jar/com/amazonaws/services/lambda/runtime/events/KinesisTimeWindowEvent.java  
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jar/com/amazonaws/services/lambda/runtime/events/StreamsEventResponse.java  
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jar/com/amazonaws/services/lambda/runtime/events/CognitoUserPoolPostAuthenticationEvent.java  
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jar/com/amazonaws/services/lambda/runtime/events/CognitoUserPoolPreAuthenticationEvent.java  
\* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-  
jar/com/amazonaws/services/lambda/runtime/events/APIGatewayV2HTTPEvent.java

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\* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/CognitoEvent.java  
\* /opt/cola/permits/1331582822\_1653080909.8022256/0/aws-lambda-java-events-3-11-0-sources-1-jar/com/amazonaws/services/lambda/runtime/events/ScheduledEvent.java

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It was originally written by Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)), and has  
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# 1.146 free-type 2.11.1-r2

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#

# Don't put empty lines into this file!

#

builds/unix/pkg.m4

#

docs/FTL.TXT

docs/GPLv2.TXT

#

include/freetype/internal/fthash.h

#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

src/bdf/bdf.c

src/bdf/bdf.h

src/bdf/bdfdrivr.c

src/bdf/bdfdrivr.h

src/bdf/bdferror.h

src/bdf/bdflib.c

src/bdf/module.mk

src/bdf/README

src/bdf/rules.mk

#

src/pcf/module.mk

src/pcf/pcf.c

src/pcf/pcf.h

```
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
subprojects/dlg
#
# EOF
```

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```

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```
* /opt/cola/permits/1297807324_1648724658.56/0/ehcache-api-3-9-9-sources-  
jar/org/ehcache/config/ResourcePool.java  
* /opt/cola/permits/1297807324_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/config/units/package-
```

info.java

- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/persistence/StateRepository.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/copy/package-info.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/service/OptionalServiceDependencies.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/resilience/ResilienceStrategy.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/resilience/package-info.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/CacheManager.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/config/CacheConfiguration.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/config/units/MemoryUnit.java
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- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/Cache.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/CacheLoaderWriter.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/StateTransitionException.java
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- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/serialization/UnsupportedTypeException.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/event/CacheEventListener.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/resilience/RecoveryStore.java
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- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/copy/CopyProvider.java
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- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/BulkCacheLoadingException.java
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- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/service/ServiceCreationConfiguration.java
- \* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/ValueSupplier.java

\* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/expiry/ExpiryPolicy.java  
\* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/event/EventOrdering.java  
\* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/config/Builder.java  
\* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/config/ResourcePools.java  
\* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/package-info.java  
\* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/spi/loaderwriter/CacheLoaderWriterProvider.java  
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\* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/Status.java  
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\* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/PersistentUserManagedCache.java  
\* /opt/cola/permits/1297807324\_1648724658.56/0/ehcache-api-3-9-9-sources-jar/org/ehcache/config/ResourceType.java  
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# 1.150 protocol-core 2.17.186

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# 1.151 json-smart 2.4.8

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Manifest-Version: 1.0

Bnd-LastModified: 1644737862078

Build-Jdk: 11.0.14

Built-By: uriel

Bundle-Description: JSON (JavaScript Object Notation) is a lightweight data-interchange format. It is easy for humans to read and write. It is easy for machines to parse and generate. It is based on a subset of the JavaScript Programming Language, Standard ECMA-262 3rd Edition - December 1999. JSON is a text format that is completely language independent but uses conventions that are familiar to programmers of the C-family of languages, including C, C++, C#, Java, JavaScript, Perl, Python, and many others. These properties make JSON an ideal data-interchange language.

Bundle-DocURL: <https://urielch.github.io/>

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Bundle-ManifestVersion: 2

Bundle-Name: json-smart

Bundle-SymbolicName: net.minidev.json-smart

Bundle-Vendor: Chemouni Uriel

Bundle-Version: 2.4.8

Created-By: Apache Maven Bundle Plugin

Export-Package: net.minidev.json;uses:="net.minidev.asm,net.minidev.json.parser,net.minidev.json.reader,net.minidev.json.writer";version="2.4.8",net.minidev.json.annotate;version="2.4.8",net.minidev.json.parser;uses:="net.minidev.json.writer";version="2.4.8",net.minidev.json.reader;uses:="net.minidev.json";version="2.4.8",net.minidev.json.writer;uses:="net.minidev.json,net.minidev.json.parser";version="2.4.8"

Import-Package: net.minidev.asm;version="[2.4,3)",net.minidev.json,net.minidev.json.annotate,net.minidev.json.parser,net.minidev.json.reader,net.minidev.json.writer

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

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- \* /opt/cola/permits/1175494765\_1624391692.09/0/asm-9-1-sources-2-jar/org/objectweb/asm/signature/SignatureReader.java
- \* /opt/cola/permits/1175494765\_1624391692.09/0/asm-9-1-sources-2-jar/org/objectweb/asm/CurrentFrame.java
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- \* /opt/cola/permits/1175494765\_1624391692.09/0/asm-9-1-sources-2-jar/org/objectweb/asm/Symbol.java

# 1.153 springdoc-openapi-common 1.6.7

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jar/org/springframework/expression/spel/SpelParseException.java
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jar/org/springframework/expression/ParserContext.java
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jar/org/springframework/expression/spel/CompiledExpression.java
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jar/org/springframework/expression/OperatorOverloader.java
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\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/Operation.java  
\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ExpressionState.java  
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\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/support/SimpleEvaluationContext.java  
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jar/org/springframework/expression/MethodFilter.java
 * /opt/cola/permits/1347859609_1655733795.8299563/0/spring-expression-5-3-21-sources-
jar/org/springframework/expression/TypeLocator.java
 * /opt/cola/permits/1347859609_1655733795.8299563/0/spring-expression-5-3-21-sources-
jar/org/springframework/expression/spel/standard/TokenKind.java
```

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\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/AstUtils.java  
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\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpLE.java  
\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpOr.java  
\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/Identifier.java  
\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/BooleanLiteral.java  
\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpModulus.java  
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\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OperatorNot.java  
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\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpPlus.java  
\* /opt/cola/permits/1347859609\_1655733795.8299563/0/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OperatorInstanceof.java  
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## 1.162 lz4 1.9.2

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Upstream-Contact: Yann Collet <[Cyan4973@github.com](mailto:Cyan4973@github.com)>

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# 1.163 commons-collections 4.4

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# 1.164 jakarta-annotation-api 1.3.5

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## 1.167 json-smart 2.4.8

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Manifest-Version: 1.0

Bnd-LastModified: 1644737862078

Build-Jdk: 11.0.14

Built-By: uriel

Bundle-Description: JSON (JavaScript Object Notation) is a lightweight  
data-interchange format. It is easy for humans to read and write. It

is easy for machines to parse and generate. It is based on a subset of the JavaScript Programming Language, Standard ECMA-262 3rd Edition - December 1999. JSON is a text format that is completely language independent but uses conventions that are familiar to programmers of the C-family of languages, including C, C++, C#, Java, JavaScript, Perl, Python, and many others. These properties make JSON an ideal data-interchange language.

Bundle-DocURL: <https://urielch.github.io/>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: json-smart

Bundle-SymbolicName: net.minidev.json-smart

Bundle-Vendor: Chemouni Uriel

Bundle-Version: 2.4.8

Created-By: Apache Maven Bundle Plugin

Export-Package: net.minidev.json;uses:="net.minidev.asm,net.minidev.json.parser,net.minidev.json.reader,net.minidev.json.writer";version="2.4.8",net.minidev.json.annotate;version="2.4.8",net.minidev.json.parser;uses:="net.minidev.json.writer";version="2.4.8",net.minidev.json.reader;uses:="net.minidev.json";version="2.4.8",net.minidev.json.writer;uses:="net.minidev.json,net.minidev.json.parser";version="2.4.8"

Import-Package: net.minidev.asm;version="[2.4,3)",net.minidev.json,net.minidev.json.annotate,net.minidev.json.parser,net.minidev.json.reader,net.minidev.json.writer

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

Found in path(s):

\* /opt/cola/permits/1281455925\_1646319080.25/0/json-smart-2-4-8-jar/META-INF/MANIFEST.MF

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## 1.168 jmespath-java 1.12.214

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# 1.169 thymeleaf-spring5 3.0.15.RELEASE

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# 1.170 spring-beans 5.3.23

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## 1.172 netty-handler 4.1.82.Final

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```
* /opt/cola/permits/1448973225_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
* /opt/cola/permits/1448973225_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-
jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /opt/cola/permits/1448973225_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-
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jar/io/netty/handler/ssl/PemPrivateKey.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/PemEncoded.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/flush/FlushConsolidationHandler.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/DelegatingSslContext.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OpenSslCertificateException.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/PemValue.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/flow/package-info.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/Java8SslUtils.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/flush/package-info.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/PemX509Certificate.java  
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\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/ocsp/package-info.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/SslCompletionEvent.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/SslClientHelloHandler.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OptionalSslHandler.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/Conscrypt.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/SslCompletionEvent.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/AbstractSslHandler.java

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jar/io/netty/handler/ssl/SslContextBuilder.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-  
jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-  
jar/io/netty/handler/ssl/ClientAuth.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-  
jar/io/netty/handler/ssl/ApplicationProtocolNames.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-  
jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-  
jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java

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jar/io/netty/handler/ssl/OpenSslCertificateCompressionConfig.java  
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image/io.netty.handler.native-image.properties
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jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java
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- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/pcap/PcapHeaders.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/pcap/UDPPacket.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/pcap/package-info.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/pcap/IPPacket.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/pcap/TCPpacket.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/pcap/EthernetPacket.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/pcap/PcapWriter.java

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- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionStats.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OpenSslServerContext.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/SslContext.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/CipherSuiteFilter.java

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\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java

\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OpenSslEngine.java

\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java

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\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OpenSslClientContext.java

\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionContext.java

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\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/JdkSslEngine.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java  
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\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/JdkSslServerContext.java  
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\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/JdkSslContext.java  
\* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/SslUtils.java

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- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/stream/ChunkedWriteHandler.java
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- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/stream/ChunkedFile.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/NotSslRecordException.java
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Found in path(s):

- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/OpenSslCertificateCompressionAlgorithm.java
- \* /opt/cola/permits/1448973225\_1666405908.462458/0/netty-handler-4-1-82-final-sources-1-jar/io/netty/handler/ssl/BouncyCastlePemReader.java

## 1.173 util-linux 2.37.4-r0

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2 7680 16383 8704 4.3M 8f8378c0-02  
5 7936 12799 4864 2.4M  
6 12544 16127 3584 1.8M

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Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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under certain conditions; type `show c' for details.
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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# 1.179 json-path 2.5.0

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Found in path(s):

\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/path/json/JsonPath.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/mapper/factory/DefaultJackson1ObjectMapperFactory.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/mapper/factory/DefaultJackson2ObjectMapperFactory.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/internal/path/json/mapping/JsonObjectDeserializer.groovy  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/mapper/factory/DefaultGsonObjectMapperFactory.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/internal/path/json/JSONAssertion.groovy  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/path/json/exception/JsonPathException.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/path/json/mapping/JsonPathObjectDeserializer.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/mapper/factory/Jackson2ObjectMapperFactory.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/internal/path/json/ConfigurableJsonSlurper.groovy  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/internal/path/json/JsonPrettifier.groovy  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/mapper/factory/Jackson1ObjectMapperFactory.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/path/json/config/JsonPathConfig.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/path/json/config/JsonParserType.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/internal/path/json/mapping/JsonPathGsonObjectDeserializer.groovy  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-jar/com/jayway/restassured/internal/path/json/mapping/JsonPathJackson1ObjectDeserializer.groovy  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-

jar/com/jayway/restassured/mapper/factory/GsonObjectMapperFactory.java  
\* /opt/cola/permits/1142819974\_1615479842.12/0/json-path-2-5-0-sources-  
jar/com/jayway/restassured/internal/path/json/mapping/JsonPathJackson2ObjectDeserializer.groovy

# 1.180 netty-reactive-streams-http 2.0.5

## 1.180.1 Available under license :

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Manifest-Version: 1.0  
Bundle-Description: Reactive streams implementation for Netty.  
Automatic-Module-Name: com.typesafe.netty.http  
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt  
Bundle-SymbolicName: com.typesafe.netty.reactive-streams-http  
Built-By: marcospereira  
Bnd-LastModified: 1602622977569  
Bundle-ManifestVersion: 2  
Bundle-DocURL: http://typesafe.com/  
Bundle-Vendor: Typesafe  
Import-Package: com.typesafe.netty;version="[2.0,3)",io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.handler.codec;version="[4.1,5)",io.netty.handler.codec.http;version="[4.1,5)",io.netty.handler.codec.http.websocketx;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",org.reactivestreams;version="[1.0,2)"  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"  
Tool: Bnd-3.5.0.201709291849  
Export-Package: com.typesafe.netty.http;uses:="io.netty.channel,io.netty.handler.codec.http,io.netty.handler.codec.http.websocketx,org.reactivestreams";version="2.0.5"  
Bundle-Name: Netty Reactive Streams HTTP support  
Bundle-Version: 2.0.5  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_181

Found in path(s):

\* /opt/cola/permits/1169327406\_1622201046.09/0/netty-reactive-streams-http-2-0-5-jar/META-INF/MANIFEST.MF

# 1.181 aws-java-sdk-ssm 1.12.196

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# 1.182 websocket-api 9.4.46.v20220331

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Eclipse

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

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javafx.mail.glassfish

-----

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

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

\* java.sun.security.ssl

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

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

-----

OW2

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

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

-----

Apache

The following artifacts are ASL2 licensed.

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

-----

MortBay

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

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

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

-----

Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

## 1.183 aws-java-sdk-s3 1.12.196

### 1.183.1 Available under license :

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## 1.184 commons-codec 1.15

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java  
contains test data from <http://aspell.net/test/orig/batch0.tab>.  
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Description: Bindings to OpenSSL libssl and libcrypto, plus custom SSH pubkey parsers. Supports RSA, DSA and EC curves P-256, P-384 and P-521. Cryptographic signatures can either be created and verified manually or via x509 certificates. AES can be used in cbc, ctr or gcm mode for symmetric encryption; RSA for asymmetric (public key) encryption or EC for Diffie Hellman. High-level envelope functions combine RSA and AES for encrypting arbitrary sized data. Other utilities include key generators, hash functions (md5, sha1, sha256, etc), base64 encoder, a secure random number generator, and 'bignum' math methods for manually performing crypto calculations on large multibyte integers.

Packaged: 2018-11-15 13:15:06 UTC; jeroen

License: MIT + file LICENSE

Title: Toolkit for Encryption, Signatures and Certificates Based on OpenSSL

URL: <https://github.com/jeroen/openssl#readme>

BugReports: <https://github.com/jeroen/openssl/issues>

SystemRequirements: OpenSSL >= 1.0.1

RoxygenNote: 6.1.1

VignetteBuilder: knitr

Maintainer: Jeroen Ooms <[jeroen@berkeley.edu](mailto:jeroen@berkeley.edu)>

Type: Package

Repository: CRAN

Version: 1.1

Suggests: testthat, digest, knitr, rmarkdown, jsonlite, jose

NeedsCompilation: yes

Author: Jeroen Ooms [aut, cre] (<<https://orcid.org/0000-0002-4035-0289>>), Oliver Keyes [ctb]

Package: openssl

Authors@R: c(person("Jeroen", "Ooms", role = c("aut", "cre"), email = "jeroen@berkeley.edu", comment = c(ORCID = "0000-0002-4035-0289")), person("Oliver", "Keyes", role = "ctb"))

Date/Publication: 2018-11-15 14:20:03 UTC

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/\*! Respond.js v1.4.2: min/max-width media query polyfill \* Copyright 2013 Scott Jehl

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jar/org/renjin/cran/openssl/doc/secure\_rng.html

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jar/org/renjin/cran/openssl/doc/bignum.html

\* /opt/cola/permits/1357762054\_1657278687.5787704/0/openssl-1-1-b1-jar/org/renjin/cran/openssl/doc/keys.html

\* /opt/cola/permits/1357762054\_1657278687.5787704/0/openssl-1-1-b1-

jar/org/renjin/cran/openssl/doc/crypto\_hashing.html

# 1.186 spring-context 5.3.23

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Spring Framework 5.3.23

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\* Creates a new JSRInliner. *<i>*Subclasses must not use this  
\* constructor*</i>*. Instead, they must use the  
\* { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}  
\* version.  
\*  
\* @param mv  
\* the `MethodVisitor` to send the resulting inlined  
\* method code to (use `null` for none).  
\* @param access  
\* the method's access flags (see { @link Opcodes}). This  
\* parameter also indicates if the method is synthetic and/or  
\* deprecated.  
\* @param name  
\* the method's name.  
\* @param desc  
\* the method's descriptor (see { @link Type}).  
\* @param signature  
\* the method's signature. May be `null`.  
\* @param exceptions  
\* the internal names of the method's exception classes (see  
\* { @link Type#getInternalName() getInternalName}). May be  
\* `null`.  
\* @throws IllegalStateException  
\* If a subclass calls this constructor.  
\*/

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*/
/**
 * Constructs a new { @link LocalVariableAnnotationNode }. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * { @link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String) }
 * version.
 *
 * @param typeRef
 *     a reference to the annotated type. See { @link TypeReference }.
 * @param typePath
 *     the path to the annotated type argument, wildcard bound, array
 *     element type, or static inner type within 'typeRef'. May be
 *     <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 *     the first instructions corresponding to the continuous ranges
 *     that make the scope of this local variable (inclusive).
 * @param end
 *     the last instructions corresponding to the continuous ranges
 *     that make the scope of this local variable (exclusive). This
 *     array must have the same size as the 'start' array.
 * @param index
 *     the local variable's index in each range. This array must have
 *     the same size as the 'start' array.
 * @param desc
 *     the class descriptor of the annotation class.
 */

```

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* THE POSSIBILITY OF SUCH DAMAGE.
*/
/**
 * Constructs a new {@link ClassNode}. Subclasses must not use this
 * constructor. Instead, they must use the {@link #ClassNode(int)}
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/ClassNode.java

```

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```

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\*/

/\*\*

\* Creates a new {@link GeneratorAdapter}. *Subclasses must not use this*  
\* constructor*.* Instead, they must use the  
\* {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}  
\* version.  
\*  
\* @param mv  
\* the method visitor to which this adapter delegates calls.  
\* @param access  
\* the method's access flags (see {@link Opcodes}).  
\* @param name  
\* the method's name.  
\* @param desc  
\* the method's descriptor (see {@link Type Type}).  
\* @throws IllegalStateException  
\* If a subclass calls this constructor.  
\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/GeneratorAdapter.java

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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/signature/package.html

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jar/org/objectweb/asm/util/ASMifiable.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/Textifiable.java

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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-

jar/org/objectweb/asm/tree/LabelNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/signature/SignatureWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/Method.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/TraceSignatureVisitor.java  
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jar/org/objectweb/asm/tree/AbstractInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/BasicVerifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/FieldWriter.java  
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jar/org/objectweb/asm/util/TraceClassVisitor.java  
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jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java  
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jar/org/objectweb/asm/ClassVisitor.java  
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jar/org/objectweb/asm/tree/IntInsnNode.java  
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jar/org/objectweb/asm/tree/TryCatchBlockNode.java  
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jar/org/objectweb/asm/optimizer/JarOptimizer.java  
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jar/org/objectweb/asm/tree/MethodNode.java  
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jar/org/objectweb/asm/commons/StaticInitMerger.java  
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jar/org/objectweb/asm/util/CheckClassAdapter.java  
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jar/org/objectweb/asm/tree/analysis/SmallSet.java  
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jar/org/objectweb/asm/util/TraceAnnotationVisitor.java  
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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
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jar/org/objectweb/asm/ByteVector.java  
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jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/TraceMethodVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/Label.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/Handle.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/ClassWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/Interpreter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/Value.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/signature/SignatureReader.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-

jar/org/objectweb/asm/commons/Remapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/MethodWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/RemappingMethodAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java  
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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/TypePath.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/TypeReference.java  
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\*/

/\*\*

\* Creates a new {[AnalyzerAdapter](#)}. *Subclasses must not use this*

\* constructor*.* Instead, they must use the

\* {[#AnalyzerAdapter\(int, String, int, String, String, MethodVisitor\)](#)}

\* version.

\*

\* @param owner

\* the owner's class name.

\* @param access

\* the method's access flags (see {[Opcodes](#)}).

\* @param name

\* the method's name.

\* @param desc

\* the method's descriptor (see {[Type Type](#)}).

\* @param mv

\* the method visitor to which this adapter delegates calls. May

\* be `null`.

\* @throws IllegalStateException

\* If a subclass calls this constructor.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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\*/

/\*\*

\* Constructs a new {@link Textifier}. *Subclasses must not use this*

\* constructor*.* Instead, they must use the {@link #Textifier(int)}

\* version.

\*

\* @throws IllegalStateException

\* If a subclass calls this constructor.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/Textifier.java

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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/shrink-frames.properties  
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/shrink-writer.properties  
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/shrink-resize.properties  
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/shrink-annotations.properties  
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/shrink-signatures.properties  
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/shrink.properties
```

# 1.190 libxdmcp 1.1.3-r0

## 1.190.1 Available under license :

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Author: Keith Packard, MIT X Consortium

# 1.191 ehcache-impl 3.9.9

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```

Found in path(s):

```
* /opt/cola/permits/1297807316_1648724659.78/0/ehcache-impl-3-9-9-sources-
jar/org/ehcache/impl/internal/concurrent/ThreadLocalRandomUtil.java
* /opt/cola/permits/1297807316_1648724659.78/0/ehcache-impl-3-9-9-sources-
jar/org/ehcache/impl/internal/concurrent/ConcurrentHashMap.java
```

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\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/spi/serialization/DefaultSerializationProviderFactory.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/events/InvocationScopedEventSink.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/concurrent/package-info.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/executor/PartitionedOrderedExecutor.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/holders/LookupOnlyOnHeapKey.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/store/heap/holders/OnHeapValueHolder.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/config/builders/CacheConfigurationBuilder.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/store/offheap/EhcacheConcurrentOffHeapClockCache.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/persistence/FileUtils.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/spi/loaderwriter/DefaultCacheLoaderWriterProvider.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/resilience/RobustResilienceStrategy.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/config/serializer/DefaultSerializationProviderConfiguration.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/config/resilience/DefaultResilienceStrategyProviderConfiguration.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/events/CacheEventAdapter.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/config/AbstractResourcePool.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/spi/copy/DefaultCopyProvider.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/internal/loaderwriter/writebehind/WriteBehindProviderFactory.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-jar/org/ehcache/impl/persistence/FileBasedStateRepository.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-

jar/org/ehcache/impl/internal/loaderwriter/writebehind/WriteBehind.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/persistence/DefaultLocalPersistenceServiceFactory.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/serialization/TransientStateRepository.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/tiering/CompoundCachingTier.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/config/event/package-info.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/offheap/LazyOffHeapValueHolder.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/loaderwriter/LoaderWriterValueHolder.java  
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jar/org/ehcache/impl/config/serializer/package-info.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/offheap/MemorySizeParser.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/disk/EhcachePersistentConcurrentOffHeapClockCache.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/loaderwriter/writebehind/AbstractWriteBehind.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/WriteOperation.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/spi/resilience/DefaultResilienceStrategyProviderFactory.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/config/store/heap/DefaultSizeOfEngineConfiguration.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/config/builders/WriteBehindConfigurationBuilder.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/config/serializer/DefaultSerializerConfiguration.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/config/builders/ConfigurationBuilder.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/serialization/package-info.java  
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jar/org/ehcache/impl/config/store/heap/package-info.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/spi/resilience/DefaultResilienceStrategyProvider.java  
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info.java  
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jar/org/ehcache/impl/internal/store/heap/holders/BaseOnHeapKey.java  
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jar/org/ehcache/impl/config/event/DefaultEventSourceConfiguration.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-

jar/org/ehcache/impl/config/event/DefaultCacheEventListenerConfiguration.java  
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jar/org/ehcache/impl/serialization/TransientStateHolder.java  
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jar/org/ehcache/impl/internal/store/offheap/OffHeapStoreUtils.java  
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jar/org/ehcache/impl/internal/util/Pacer.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/heap/holders/SerializedOnHeapValueHolder.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/events/StoreEventImpl.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/config/resilience/DefaultResilienceStrategyConfiguration.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/loaderwriter/LoaderWriterStoreProviderFactory.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/events/StoreEvents.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/executor/PooledExecutionService.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/tiering/TieredStoreProviderFactory.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/config/store/disk/OffHeapDiskStoreProviderConfiguration.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/config/copy/DefaultCopyProviderConfiguration.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/loaderwriter/writebehind/BatchingLocalHeapWriteBehindQueue.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/events/package-info.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/events/EventDispatchTask.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/executor/PartitionedScheduledExecutor.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/KeyBasedOperation.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/TimeSourceServiceFactory.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/internal/store/offheap/portability/SerializerPortability.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/impl/serialization/LongSerializer.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/config/builders/ExpiryPolicyBuilder.java  
\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
jar/org/ehcache/config/builders/PooledExecutionServiceConfigurationBuilder.java  
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\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
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\* /opt/cola/permits/1297807316\_1648724659.78/0/ehcache-impl-3-9-9-sources-  
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* /opt/cola/permits/1297807316_1648724659.78/0/ehcache-impl-3-9-9-sources-
jar/org/ehcache/impl/internal/classes/commonslang/ClassUtils.java
* /opt/cola/permits/1297807316_1648724659.78/0/ehcache-impl-3-9-9-sources-
jar/org/ehcache/impl/internal/classes/commonslang/reflect/ConstructorUtils.java
* /opt/cola/permits/1297807316_1648724659.78/0/ehcache-impl-3-9-9-sources-
jar/org/ehcache/impl/internal/classes/commonslang/ArrayUtils.java
* /opt/cola/permits/1297807316_1648724659.78/0/ehcache-impl-3-9-9-sources-
jar/org/ehcache/impl/internal/classes/commonslang/reflect/MemberUtils.java
* /opt/cola/permits/1297807316_1648724659.78/0/ehcache-impl-3-9-9-sources-
jar/org/ehcache/impl/internal/classes/commonslang/reflect/MethodUtils.java
```

## 1.192 mysql-jdbc 8.0.29

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```

Found in path(s):

```
* /opt/cola/permits/1330462334_1653892286.235052/0/mysql-connector-java-8.0.29-1.el8.src.rpm-cosi-expand-
```

archive-zEdKqoqx/mysql-connector-java.spec

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/opt/cola/permits/1330462334\_1653892286.235052/0/mysql-connector-java-8.0.29-1.el8.src.rpm-cosi-expand-archive-zEdKqoqx/mysql-connector-java-8.0.29.tar.gz-cosi-expand-archive-CYFRgzcF/mysql-connector-java-8.0.29.tar.gz: binary file matches

Found in path(s):

\* /bin/grep

# 1.193 sqs 2.17.165

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\* Project home: <https://projects.eclipse.org/projects/ee4j.websocket>

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The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/websocket-api>

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\* /opt/cola/permits/1320304756\_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/SimpleLruCache.java

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\* /opt/cola/permits/1320304756\_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/TlsHelper.java

\* /opt/cola/permits/1320304756\_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/ServletURI.java  
\* /opt/cola/permits/1320304756\_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/SslReverseProxyMode.java  
\* /opt/cola/permits/1320304756\_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/package-info.java

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## 1.202 libmd 1.0.3-r0

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Files:

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man/rmd160.3

man/sha1.3

man/sha2.3

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## 1.203 snake-yaml 1.28

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Manifest-Version: 1.0  
Automatic-Module-Name: org.yaml.snakeyaml  
Bnd-LastModified: 1613973356620  
Build-Jdk: 11.0.10  
Built-By: alex13  
Bundle-Description: YAML 1.1 parser and emitter for Java  
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>  
Bundle-ManifestVersion: 2  
Bundle-Name: SnakeYAML  
Bundle-SymbolicName: org.yaml.snakeyaml  
Bundle-Version: 1.28.0  
Created-By: Apache Maven Bundle Plugin  
Export-Package: org.yaml.snakeyaml;version="1.28",org.yaml.snakeyaml.c  
omments;version="1.28",org.yaml.snakeyaml.composer;version="1.28",org  
.yaml.snakeyaml.constructor;version="1.28",org.yaml.snakeyaml.emitter  
;version="1.28",org.yaml.snakeyaml.env;version="1.28",org.yaml.snakey  
aml.error;version="1.28",org.yaml.snakeyaml.events;version="1.28",org  
.yaml.snakeyaml.extensions.compactnotation;version="1.28",org.yaml.sn  
akeyaml.introspector;version="1.28",org.yaml.snakeyaml.nodes;version=  
"1.28",org.yaml.snakeyaml.parser;version="1.28",org.yaml.snakeyaml.re  
ader;version="1.28",org.yaml.snakeyaml.representer;version="1.28",org  
.yaml.snakeyaml.resolver;version="1.28",org.yaml.snakeyaml.scanner;ve  
rsion="1.28",org.yaml.snakeyaml.serializer;version="1.28",org.yaml.sn  
akeyaml.tokens;version="1.28",org.yaml.snakeyaml.util;version="1.28"  
Import-Package: org.yaml.snakeyaml;version="[1.28,2)",org.yaml.snakeya

ml.comments;version="[1.28,2)",org.yaml.snakeyaml.composer;version="[1.28,2)",org.yaml.snakeyaml.emitter;version="[1.28,2)",org.yaml.snakeyaml.error;version="[1.28,2)",org.yaml.snakeyaml.events;version="[1.28,2)",org.yaml.snakeyaml.introspector;version="[1.28,2)",org.yaml.snakeyaml.nodes;version="[1.28,2)",org.yaml.snakeyaml.parser;version="[1.28,2)",org.yaml.snakeyaml.reader;version="[1.28,2)",org.yaml.snakeyaml.resolver;version="[1.28,2)",org.yaml.snakeyaml.scanner;version="[1.28,2)",org.yaml.snakeyaml.serializer;version="[1.28,2)",org.yaml.snakeyaml.tokens;version="[1.28,2)"  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"  
Tool: Bnd-3.5.0.201709291849

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\* /opt/cola/permits/1248307574\_1640375818.14/0/snakeyaml-1-28-jar/META-INF/MANIFEST.MF

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```
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/writer/JsonReader.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/parser/JSONParserByteArray.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/JSONAwareEx.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/parser/JSONParser.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/parser/JSONParserString.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/writer/CollectionMapper.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/parser/ParseException.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONValue.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONObject.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/writer/JsonReaderI.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONNavi.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/writer/DefaultMapperOrdered.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/parser/JSONParserInputStream.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/writer/CompressorMapper.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/JSONStreamAware.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/writer/ArraysMapper.java
```

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserMemory.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONUtil.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserReader.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/DefaultMapperCollection.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONAware.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JStylerObj.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONArray.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserBase.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/FakeMapper.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONStyle.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserStream.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/BeansMapper.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONStreamAwareEx.java

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jar/org/springframework/data/rest/core/support/SimpleRelProvider.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/util/MapUtils.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/mapping/ResourceMapping.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/config/ResourceMappingConfiguration.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/support/ResourceStringUtils.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/Path.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/mapping/ResourceMetadata.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/mapping/RepositoryCollectionResourceMapping.java

\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/mapping/RepositoryMethodResourceMapping.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/mapping/SearchResourceMappings.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/mapping/RepositoryAwareResourceMetadata.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/mapping/MethodResourceMapping.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/mapping/CollectionResourceMapping.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/config/ResourceMapping.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/mapping/RepositoryResourceMappings.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/mapping/TypeBasedCollectionResourceMapping.java  
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\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/mapping/ResourceType.java

\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/RepositoryRestResource.java

\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/mapping/TypedResourceDescription.java

\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/config/Projection.java

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jar/org/springframework/data/rest/core/config/MetadataConfiguration.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/mapping/SimpleResourceDescription.java  
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jar/org/springframework/data/rest/core/projection/ProjectionDefinitions.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/mapping/AnnotationBasedResourceDescription.java  
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jar/org/springframework/data/rest/core/mapping/ParameterMetadata.java  
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jar/org/springframework/data/rest/core/mapping/ResolvableResourceDescriptionSupport.java  
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jar/org/springframework/data/rest/core/mapping/ParametersMetadata.java  
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jar/org/springframework/data/rest/core/mapping/ResourceDescription.java  
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jar/org/springframework/data/rest/core/mapping/MappingResourceMetadata.java  
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jar/org/springframework/data/rest/core/config/ProjectionDefinitionConfiguration.java  
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jar/org/springframework/data/rest/core/annotation/HandleBeforeCreate.java  
\* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-  
jar/org/springframework/data/rest/core/event/AnnotatedEventHandlerInvoker.java  
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jar/org/springframework/data/rest/core/event/LinkedEntityEvent.java

- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/RepositoryEventHandler.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterDelete.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeLinkDelete.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/RestResource.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/Description.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/config/RepositoryRestConfiguration.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterLinkSave.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeSave.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterLinkDelete.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/HandleAfterSave.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeLinkSave.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/support/ResourceMappingUtils.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/UriToEntityConverter.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/event/AbstractRepositoryEventListener.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/ValidationErrors.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/event/ValidatingRepositoryEventListener.java
- \* /opt/cola/permits/1340130140\_1654638547.141549/0/spring-data-rest-core-3-5-11-sources-1-jar/org/springframework/data/rest/core/annotation/HandleBeforeDelete.java

# 1.207 ehcache-107 3.9.9

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- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/config/Jsr107Configuration.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/internal/WrappedCacheLoaderWriter.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Jsr107Service.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/CacheResources.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/internal/Jsr107CacheConfigurationParser.java
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- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/ExpiryPolicyToEhcacheExpiry.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/DefaultConfigurationResolver.java
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- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheStatisticsMXBean.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/config/package-info.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107ReverseConfiguration.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/internal/DefaultJsr107Service.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Unwrap.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107MXBean.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/EventListenerAdaptors.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/ListenerResources.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107Configuration.java
- \* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/internal/Jsr107ServiceConfigurationParser.java

\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/EhcacheCachingProvider.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheLoaderWriter.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheEntryEvent.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheManager.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107IdentityCopier.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheMXBean.java  
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\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/internal/Jsr107CacheLoaderWriter.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/EhcacheExpiryWrapper.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CacheLoaderWriterProvider.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107Cache.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107Expiry.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/Eh107CompleteConfiguration.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/internal/tck/Eh107MBeanServerBuilder.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/ConfigurationMerger.java  
\* /opt/cola/permits/1297807340\_1648724642.42/0/ehcache-107-3-9-9-sources-jar/org/ehcache/jsr107/NullCompletionListener.java

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit;org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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

\* java.sun.security.ssl

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

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

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OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

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

-----

MortBay

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

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

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

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Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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## 1.209 spring-beans 5.3.21

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```
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/ListableBeanFactory.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/BeanDefinitionBuilder.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/xml/ParserContext.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/propertyeditors/PathEditor.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/CglibSubclassingInstantiationStrategy.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/AbstractBeanDefinition.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/annotation/AutowiredAnnotationBeanPostProcessor.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/config/YamlProcessor.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/groovy/GroovyBeanDefinitionReader.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/BeanFactory.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/AbstractBeanFactory.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/GenericTypeAwarePropertyDescriptor.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/StaticListableBeanFactory.java
* /opt/cola/permits/1347859843_1655733477.6825383/0/spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/LookupOverride.java
```

\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/support/PropertyComparator.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/AbstractNestablePropertyAccessor.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/PropertyEditorRegistrySupport.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/ReplaceOverride.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/PlaceholderConfigurerSupport.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/TypeMismatchException.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/InstantiationAwareBeanPostProcessor.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/AbstractBeanDefinitionReader.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/BeanDefinitionReader.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/LocaleEditor.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/MethodReplacer.java  
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\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/parsing/DefaultsDefinition.java

\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-

jar/org/springframework/beans/factory/support/BeanNameGenerator.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
jar/org/springframework/beans/factory/serviceloader/ServiceFactoryBean.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
jar/org/springframework/beans/factory/parsing/ReaderEventListener.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
jar/org/springframework/beans/factory/serviceloader/ServiceLoaderFactoryBean.java  
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jar/org/springframework/beans/factory/BeanFactoryExtensions.kt  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
jar/org/springframework/beans/factory/support/BeanDefinitionRegistry.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
jar/org/springframework/beans/factory/support/SimpleBeanDefinitionRegistry.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
jar/org/springframework/beans/factory/Aware.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
jar/org/springframework/beans/factory/InitializingBean.java  
\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
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\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
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\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
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\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-  
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jar/org/springframework/beans/factory/UnsatisfiedDependencyException.java  
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\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/support/ResourceEditorRegistrar.java

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\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/BeanUtils.java

\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/RootBeanDefinition.java

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jar/org/springframework/beans/factory/support/ManagedList.java  
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\* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/SimpleAutowireCandidateResolver.java

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jar/org/springframework/beans/factory/xml/DocumentLoader.java  
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- \* /opt/cola/permits/1347859843\_1655733477.6825383/0/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/ObjectFactoryCreatingFactoryBean.java
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 */
```

Found in path(s):

```
* /opt/cola/permits/1226721550_1636615262.51/0/p6spy-3-9-1-sources-1-
jar/com/p6spy/engine/spy/appender/FormattedLogger.java
* /opt/cola/permits/1226721550_1636615262.51/0/p6spy-3-9-1-sources-1-
jar/com/p6spy/engine/common/CustomHashedHashSet.java
* /opt/cola/permits/1226721550_1636615262.51/0/p6spy-3-9-1-sources-1-
jar/com/p6spy/engine/common/P6LogQuery.java
* /opt/cola/permits/1226721550_1636615262.51/0/p6spy-3-9-1-sources-1-
jar/com/p6spy/engine/spy/option/SystemProperties.java
* /opt/cola/permits/1226721550_1636615262.51/0/p6spy-3-9-1-sources-1-
```

jar/com/p6spy/engine/spy/P6SpyOptionsMBean.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/logging/P6LogLoadableOptions.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/common/CallableStatementInformation.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/event/SimpleJdbcEventListener.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/P6MBeansRegistry.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/common/PreparedStatementInformation.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/option/SpyDotProperties.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/P6SpyOptions.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/logging/ErrorLoggingEventListener.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/appender/SingleLineFormat.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/event/CompoundJdbcEventListener.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/outage/OutageJdbcEventListener.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/common/ClassHasher.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/P6DriverManagerDataSource.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/outage/P6OutageLoadableOptions.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/logging/format/MySQLBinaryFormat.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/event/JdbcEventListener.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/P6DataSourceFactory.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/logging/P6LogOptions.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/common/Hasher.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/common/Loggable.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/appender/Slf4JLogger.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/option/SpyDotPropertiesReloader.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/outage/P6OutageFactory.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-

jar/com/p6spy/engine/spy/P6LoadableOptions.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/P6SpyFactory.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/wrapper/ConnectionWrapper.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/appender/FileLogger.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/wrapper/CallableStatementWrapper.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/logging/format/HexEncodedBinaryFormat.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/wrapper/PreparedStatementWrapper.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/P6XAConnection.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/P6ModuleManager.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/wrapper/ResultSetWrapper.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/appender/MultiLineFormat.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/P6Core.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/appender/BatchFileLogger.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/outage/P6OutageOptions.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/option/P6OptionsSource.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/option/EnvironmentVariables.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/outage/P6OutageOptionsMBean.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/logging/format/PostgreSQLBinaryFormat.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/wrapper/AbstractWrapper.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/wrapper/P6Proxy.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/P6DriverNotFoundError.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/logging/P6LogFactory.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/spy/P6DataSource.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/common/P6Util.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-  
jar/com/p6spy/engine/common/StatementInformation.java

\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/logging/format/BinaryFormat.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/option/P6OptionChangedListener.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/option/P6OptionsRepository.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/common/ResultSetInformation.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/DefaultJdbcEventListenerFactory.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/logging/LoggingEventListener.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/JdbcEventListenerFactory.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/P6SpyDriver.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/event/DefaultEventListener.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/appender/P6Logger.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/appender/CustomLineFormat.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/outage/P6OutageDetector.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/appender/StdoutLogger.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/common/ConnectionInformation.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/appender/MessageFormattingStrategy.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/P6Factory.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/P6SpyLoadableOptions.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/logging/P6LogOptionsMBean.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/wrapper/StatementWrapper.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/JdbcEventListenerFactoryLoader.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/P6PooledConnection.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/common/Value.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/spy/SpyDotPropertiesReloadChangedListener.java  
\* /opt/cola/permits/1226721550\_1636615262.51/0/p6spy-3-9-1-sources-1-jar/com/p6spy/engine/logging/Category.java

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# 1.215 spring-web 5.3.23

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- \* <p>
- \* This produces exactly the same hash values as the final C++
- \* version of MurmurHash3 and is thus suitable for producing the same hash values across
- \* platforms.
- \* <p>
- \* The 32 bit x86 version of this hash should be the fastest variant for relatively short keys like ids.
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- \* <p>

\* Note - The x86 and x64 versions do not produce the same results, as the  
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\* See [http://github.com/yonik/java\\_util](http://github.com/yonik/java_util) for future updates to this file.  
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\* /opt/cola/permits/1373093287\_1658906893.7468934/0/java-client-4-4-4-sources-  
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- \* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/CompileError.java
- \* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/analysis/FramePrinter.java
- \* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/analysis/MultiArrayType.java
- \* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/ArrayInit.java
- \* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/Symbol.java
- \* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/CtMethod.java
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\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/TokenId.java  
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jar/javassist/bytecode/annotation/NoSuchClassError.java  
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jar/javassist/NotFoundException.java  
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jar/javassist/tools/reflect/ClassMetaobject.java  
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\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/ByteMemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/AnnotationMemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/MemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/LongMemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/EnumMemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/IntegerMemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/BooleanMemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/Annotation.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/StringMemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/MemberValueVisitor.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/ArrayMemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/CharMemberValue.java  
\* /opt/cola/permits/1135902035\_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/ShortMemberValue.java

# 1.221 spring-aspects 5.3.23

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\*/

/\*\*

\* Set the { @code TCP\_QUICKACK } option on the socket.

\* See [TCP\\_QUICKACK](https://linux.die.net/man/7/tcp)

\* for more details.

\*/

Found in path(s):

\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollSocketChannelConfig.java

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* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
jar/io/netty/channel/epoll/EpollDatagramChannelConfig.java
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* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
jar/io/netty/channel/epoll/AbstractEpollChannel.java
* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
jar/io/netty/channel/epoll/EpollChannelOption.java
* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
jar/io/netty/channel/epoll/EpollEventLoop.java
```

\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/Epoll.java  
\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollSocketChannel.java  
\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollServerSocketChannel.java  
\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollTcpInfo.java  
\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollEventLoopGroup.java  
\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollDatagramChannel.java  
\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/package-info.java

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\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollEventArray.java

\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/TcpMd5Util.java

\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java

\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java

\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java

\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java

\* /opt/cola/permits/1501219047\_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-

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jar/io/netty/channel/epoll/EpollChannelConfig.java
* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java
* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
jar/io/netty/channel/epoll/EpollMode.java
* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
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*/
/**
 * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */
```

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```
* /opt/cola/permits/1501219047_1670451581.6271992/0/netty-transport-classes-epoll-4-1-82-final-sources-2-
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\* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-jar/com/google/gson/ExclusionStrategy.java  
\* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-jar/com/google/gson/JsonDeserializationContext.java  
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\* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-jar/com/google/gson/annotations/SerializedName.java  
\* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-jar/com/google/gson/JsonPrimitive.java  
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  - \* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-jar/com/google/gson/internal/LazilyParsedNumber.java
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\* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-jar/com/google/gson/stream/MalformedJsonException.java  
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* /opt/cola/permits/1231335344_1637640927.1/0/gson-2-8-9-sources-
jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java
* /opt/cola/permits/1231335344_1637640927.1/0/gson-2-8-9-sources-
jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java
* /opt/cola/permits/1231335344_1637640927.1/0/gson-2-8-9-sources-
jar/com/google/gson/internal/JsonReaderInternalAccess.java
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\* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-jar/com/google/gson/TypeAdapterFactory.java  
\* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-jar/com/google/gson/internal/bind/JsonTreeReader.java  
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\* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-jar/com/google/gson/JsonStreamParser.java

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Found in path(s):

\* /opt/cola/permits/1231335344\_1637640927.1/0/gson-2-8-9-sources-  
jar/com/google/gson/internal/bind/NumberTypeAdapter.java  
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jar/com/google/gson/internal/GsonBuildConfig.java

## 1.229 awaitility 4.1.1

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\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/TimeoutEvent.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/TemporalDuration.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/ForeverDuration.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/StartEvaluationEvent.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/Durations.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/DurationFactory.java

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jar/org/awaitility/core/Uninterruptibles.java  
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jar/org/awaitility/core/CheckedExceptionRethrower.java  
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jar/org/awaitility/core/AssertionCondition.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/core/LambdaErrorMessageGenerator.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/core/ConditionEvaluationHandler.java  
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jar/org/awaitility/reflect/WhiteboxImpl.java  
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\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/reflect/AssignableToFieldTypeMatcherStrategy.java

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jar/org/awaitility/core/ExecutorLifecycle.java
```

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* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-
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\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/reflect/exception/TooManyFieldsFoundException.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/FieldSupplierBuilder.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/ConditionFactory.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/CallableHamcrestCondition.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/ConditionEvaluationListener.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/reflect/FieldTypeMatcherStrategy.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/reflect/exception/FieldNotFoundException.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/Condition.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/reflect/FieldMatcherStrategy.java  
\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/ConditionSettings.java  
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\* /opt/cola/permits/1268505503\_1644408006.83/0/awaitility-4-1-1-sources-jar/org/awaitility/core/AbstractHamcrestCondition.java  
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jar/org/awaitility/pollinterval/PollInterval.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/core/HamcrestExceptionIgnorer.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/core/ConditionEvaluator.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/core/DeadlockException.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/core/PredicateExceptionIgnorer.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/pollinterval/FixedPollInterval.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/pollinterval/IterativePollInterval.java  
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jar/org/awaitility/core/ExceptionIgnorer.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/pollinterval/FibonacciPollInterval.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/core/EvaluatedCondition.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/core/ConditionTimeoutException.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/core/ThrowingRunnable.java  
* /opt/cola/permits/1268505503_1644408006.83/0/awaitility-4-1-1-sources-  
jar/org/awaitility/classpath/ClassPathResolver.java
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* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-  
jar/org/objectweb/asm/RecordComponentVisitor.java  
* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-  
jar/org/objectweb/asm/signature/SignatureReader.java  
* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/Context.java  
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* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/FieldVisitor.java  
* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-  
jar/org/objectweb/asm/MethodTooLargeException.java  
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* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-  
jar/org/objectweb/asm/ClassTooLargeException.java  
* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/ClassWriter.java  
* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/Attribute.java  
* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/ClassVisitor.java  
* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/Handler.java  
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* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/MethodWriter.java  
* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/ByteVector.java  
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* /opt/cola/permits/1146079232_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/Label.java  
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\* /opt/cola/permits/1146079232\_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/ClassReader.java  
\* /opt/cola/permits/1146079232\_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/AnnotationVisitor.java  
\* /opt/cola/permits/1146079232\_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/signature/SignatureVisitor.java  
\* /opt/cola/permits/1146079232\_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/Frame.java  
\* /opt/cola/permits/1146079232\_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/SymbolTable.java  
\* /opt/cola/permits/1146079232\_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/ModuleWriter.java  
\* /opt/cola/permits/1146079232\_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/MethodVisitor.java  
\* /opt/cola/permits/1146079232\_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/RecordComponentWriter.java  
\* /opt/cola/permits/1146079232\_1616457494.45/0/asm-9-1-sources-jar/org/objectweb/asm/Symbol.java  
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# 1.231 aws-query-protocol 2.17.165

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

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

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- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

-----

#### Oracle OpenJDK

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

- \* java.sun.security.ssl

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

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

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- org.ow2.asm:asm

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

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- org.mortbay.jasper:apache-jsp

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

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org.apache.tomcat:tomcat-jasper-el  
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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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## 1.237 aws-java-sdk-sns 1.12.196

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# 1.238 spring-framework 5.3.20

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```
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/reactive/AbstractReactiveTransactionManager.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/reactive/TransactionSynchronizationManager.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
```

jar/org/springframework/transaction/interceptor/AbstractFallbackTransactionAttributeSource.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/event/TransactionalApplicationListenerMethodAdapter.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/event/TransactionPhase.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/support/TransactionCallback.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/dao/annotation/PersistenceExceptionTranslationPostProcessor.java  
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jar/org/springframework/transaction/interceptor/TransactionAspectSupport.java  
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jar/org/springframework/transaction/reactive/TransactionContextManager.java  
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jar/org/springframework/transaction/support/TransactionSynchronizationUtils.java  
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jar/org/springframework/transaction/reactive/TransactionCallback.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/interceptor/DefaultTransactionAttribute.java  
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jar/org/springframework/transaction/event/TransactionalEventListener.java  
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jar/org/springframework/transaction/reactive/TransactionContext.java  
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jar/org/springframework/transaction/annotation/AbstractTransactionManagementConfiguration.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/support/TransactionSynchronizationManager.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/interceptor/RuleBasedTransactionAttribute.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/support/AbstractPlatformTransactionManager.java  
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\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/RollbackRuleAttribute.java

\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/annotation/Transactional.java

\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/TransactionAttributeSource.java

\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/NoRollbackRuleAttribute.java

\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/work/WorkManagerTaskExecutor.java

\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/work/SimpleTaskWorkManager.java

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- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/TransactionSystemException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/TransactionAttributeSourceAdvisor.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/NonTransientDataAccessException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/TransientDataAccessException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/support/SimpleBootstrapContext.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/BeanFactoryTransactionAttributeSourceAdvisor.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/DataAccessException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/connection/ConnectionSpecConnectionFactoryAdapter.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/context/BootstrapContextAwareProcessor.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/support/ResourceAdapterFactoryBean.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/TransactionCallbackWithoutResult.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/UncategorizedDataAccessException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/ConcurrencyFailureException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/NonTransientDataAccessResourceException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/core/support/CommAreaRecord.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/OptimisticLockingFailureException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/context/ResourceAdapterApplicationContext.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/CallbackPreferringPlatformTransactionManager.java

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* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/dao/DataAccessResourceFailureException.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/jca/cci/core/CciOperations.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/dao/DataRetrievalFailureException.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/jca/cci/object/EisOperation.java
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\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/SimpleTransactionFactory.java

\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/DefaultTransactionDefinition.java

\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/JtaTransactionObject.java

\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/object/MappingRecordOperation.java

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\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/InvalidTimeoutException.java

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\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/DefaultTransactionStatus.java  
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\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/TransactionDefinition.java  
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- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/DuplicateKeyException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/JtaAfterCompletionSynchronization.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/InvalidDataAccessApiUsageException.java
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- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/connection/NotSupportedRecordFactory.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/PessimisticLockingFailureException.java
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- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/ResourceTransactionManager.java
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- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/UnexpectedRollbackException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/EmptyResultDataAccessException.java
- \* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/TypeMismatchDataAccessException.java

\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/TransactionException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/NestedTransactionNotSupportedException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/QueryTimeoutException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/InvalidIsolationLevelException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/CannotSerializeTransactionException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/config/TxNamespaceHandler.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/TransactionAttributeSourceEditor.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/DelegatingTransactionDefinition.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/InvalidDataAccessResourceUsageException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/InvalidResultSetAccessException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/CleanupFailureDataAccessException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/PermissionDeniedDataAccessException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/DataIntegrityViolationException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/TransactionTimedOutException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/DelegatingTransactionAttribute.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/UserTransactionAdapter.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/TransactionSuspensionNotSupportedException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/ManagedTransactionAdapter.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/NoTransactionException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/annotation/PersistenceExceptionTranslationAdvisor.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/CannotCreateTransactionException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/transaction/IllegalTransactionStateException.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-jar/org/springframework/dao/CannotAcquireLockException.java

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jar/org/springframework/transaction/annotation/SpringTransactionAnnotationParser.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/event/TransactionalApplicationListenerSynchronization.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/annotation/TransactionManagementConfigurer.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/interceptor/MatchAlwaysTransactionAttributeSource.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/PlatformTransactionManager.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/interceptor/NameMatchTransactionAttributeSource.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/event/TransactionalApplicationListenerAdapter.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/config/TxAdviceBeanDefinitionParser.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/interceptor/TransactionInterceptor.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/interceptor/MethodMapTransactionAttributeSource.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/reactive/TransactionSynchronizationUtils.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/interceptor/TransactionAttributeEditor.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/jca/endpoint/GenericMessageEndpointManager.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/annotation/ProxyTransactionManagementConfiguration.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
jar/org/springframework/transaction/support/TransactionSynchronization.java
* /opt/cola/permits/1347859369_1655735045.136496/0/spring-tx-5-3-21-sources-
```

jar/org/springframework/transaction/reactive/TransactionalOperator.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/annotation/EnableTransactionManagement.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/jca/endpoint/GenericMessageEndpointFactory.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/jca/cci/connection/SingleConnectionFactory.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/dao/support/PersistenceExceptionTranslationInterceptor.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/dao/support/DataAccessUtils.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/support/TransactionSynchronizationAdapter.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/ReactiveTransactionManager.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/support/SimpleTransactionScope.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/interceptor/TransactionAttributeSourcePointcut.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/jta/WebSphereUowTransactionManager.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/jca/cci/connection/TransactionAwareConnectionFactoryProxy.java  
\* /opt/cola/permits/1347859369\_1655735045.136496/0/spring-tx-5-3-21-sources-  
jar/org/springframework/transaction/event/TransactionalEventListenerFactory.java  
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jar/org/springframework/transaction/interceptor/TransactionalProxy.java

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jar/springfox/documentation/swagger/readers/operation/OperationImplicitParametersReader.java
```

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* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/schema/ApiModelProperty.java
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\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/TagsSorter.java  
\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/OperationsSorter.java  
\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/SecurityConfigurationBuilder.java  
\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/UiConfigurationBuilder.java  
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\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/common/SwaggerPluginSupport.java  
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\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/readers/operation/ResponseHeaders.java  
\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/ApiKeyVehicle.java

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\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/InMemorySwaggerResourcesProvider.java  
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\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/readers/operation/SwaggerOperationModelsProvider.java  
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\*/

Found in path(s):

\* /opt/cola/permits/1177939685\_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/common/Version.java

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

```
/*
 *
 * Copyright 2015-2019 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
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 * You may obtain a copy of the License at
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 * See the License for the specific language governing permissions and
 * limitations under the License.
 *
 *
 */
```

Found in path(s):

```
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/OperationImplicitParameterReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/parameter/SwaggerExpandedParameterBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/parameter/ApiParamParameterBuilder.java
```

## 1.241 jakarta-validation-api 2.0.2

### 1.241.1 Available under license :

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```
/*
 * Jakarta Bean Validation API
 *
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 */
```

Found in path(s):

```
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/Validator.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/metadata/CascadableDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/ConstraintTarget.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
```

jar/javax/validation/constraints/FutureOrPresent.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Null.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintValidatorContext.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ExecutableDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/groups/Default.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/MessageInterpolator.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/package-info.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/valueextraction/Unwrapping.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/valueextraction/ValueExtractor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraintvalidation/ValidationTarget.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/MethodDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/package-info.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/UnexpectedTypeException.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/BeanDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Digits.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/valueextraction/UnwrapByDefault.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/NegativeOrZero.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintViolation.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintDefinitionException.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ValidateUnwrappedValue.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraintvalidation/SupportedValidationTarget.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/groups/package-info.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/spi/ValidationProvider.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-

jar/javax/validation/ElementKind.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/GroupConversionDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/valueextraction/ExtractedValue.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/bootstrap/GenericBootstrap.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/MethodType.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/valueextraction/ValueExtractorDeclarationException.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ConstructorDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraintvalidation/package-info.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/AssertTrue.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/Path.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/executable/package-info.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/valueextraction/package-info.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/PositiveOrZero.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/valueextraction/ValueExtractorDefinitionException.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/BootstrapConfiguration.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ElementDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ContainerElementTypeDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/GroupDefinitionException.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Min.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/groups/ConvertGroup.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/Scope.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Max.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ReportAsSingleViolation.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ReturnValueDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-

jar/javax/validation/ParameterNameProvider.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Pattern.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/NoProviderFoundException.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/Validation.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ValidatorContext.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/NotBlank.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/spi/package-info.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/Constraint.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/Valid.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/CrossParameterDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ClockProvider.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/Configuration.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/executable/ValidateOnExecution.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Size.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/PastOrPresent.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintViolationException.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/bootstrap/package-info.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/TraversableResolver.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/executable/ExecutableValidator.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ValidationProviderResolver.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ValidatorFactory.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ContainerDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ConstraintDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ParameterDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-

jar/javax/validation/constraints/NotNull.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/package-info.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/GroupSequence.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Negative.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintValidatorFactory.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ValidationException.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/OverridesAttribute.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/spi/BootstrapState.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Email.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintDeclarationException.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/PropertyDescriptor.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintValidator.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/executable/ExecutableType.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/AssertFalse.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Future.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/DecimalMax.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Positive.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/NotEmpty.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/spi/ConfigurationState.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/Payload.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/DecimalMin.java  
\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Past.java

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~ Jakarta Bean Validation API

~

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<![CDATA[

Comments to: <<mailto:bean-validation-dev@eclipse.org>>.<br>

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/META-INF/maven/jakarta.validation/jakarta.validation-api/pom.xml

## 1.242 kafka-clients 2.7.2

### 1.242.1 Available under license :

Apache Kafka

Copyright 2021 The Apache Software Foundation.

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This distribution has a binary dependency on jersey, which is available under the CDDL License. The source code of jersey can be found at <https://github.com/jersey/jersey/>.

The streams-scala (streams/streams-scala) module was donated by Lightbend and the original code was copyrighted by them:

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This project contains the following code copied from Apache Hadoop:

clients/src/main/java/org/apache/kafka/common/utils/PureJavaCrc32C.java

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streams/src/main/java/org/apache/kafka/streams/state/internals/Murmur3.java

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## 1.244 hamcrest 2.2

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```

```
*/
```

```
/**
```

```
* Outer class that exists solely to let us write { @code Partially.GwtIncompatible } instead of plain  
* { @code GwtIncompatible }. This is more accurate for { @link Futures#catching }, which is available  
* under GWT but with a slightly different signature.
```

```
*
```

```
* <p>We can't use { @code PartiallyGwtIncompatible } because then the GWT compiler wouldn't recognize  
* it as a { @code GwtIncompatible } annotation. And for { @code Futures.catching }, we need the GWT
```

\* compiler to autostrip the normal server method in order to expose the special, inherited GWT  
\* version.  
\*/

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Partially.java

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jar/com/google/common/collect/ImmutableEnumSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/EmptyImmutableSetMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractIndexedListAdapter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/RegularImmutableList.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ImmutableTable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ComputationException.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ImmutableSetMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingTable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ArrayTable.java

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableEntry.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableBiMap.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Serialization.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/HashBasedTable.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableMapValues.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableMultiset.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableMap.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableMapKeySet.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableSortedSet.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/CollectPreconditions.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Tables.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/UnmodifiableIterator.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/SingletonImmutableBiMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/StandardRowSortedTable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableMapEntrySet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Collections2.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/StandardTable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableCollection.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableBiMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Table.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/TreeBasedTable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableListMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Platform.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Range.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/EmptyImmutableListMultimap.java  
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jar/com/google/common/collect/NullnessCasts.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/hash/AbstractHasher.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/primitives/UnsignedInteger.java  
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jar/com/google/common/primitives/UnsignedLongs.java  
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jar/com/google/common/base/FunctionalEquivalence.java  
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jar/com/google/common/reflect/TypeParameter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/math/DoubleMath.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/MessageDigestHashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/PairwiseEquivalence.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/Weigher.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/HttpHeaders.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Present.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/Crc32cHashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/RegularContiguousSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/LoadingCache.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/AbstractCache.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/FutureCallback.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/Murmur3\_32HashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/RemovalListener.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/reflect/Types.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/HashCode.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/IntMath.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/Funnel.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/DoubleUtils.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AsyncFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/BoundType.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/HashingOutputStream.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/AbstractLoadingCache.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/LongMath.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ExecutionError.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/HashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/CacheBuilderSpec.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/Cache.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/EmptyContiguousSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractScheduledService.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/Hashing.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Uninterruptibles.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Optional.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/ParseRequest.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/AbstractSortedMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Enums.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/UnsignedInts.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/RemovalCause.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/AbstractCompositeHashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/UnsignedLong.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Absent.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingExecutorService.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/PrimitiveSink.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/AbstractStreamingHasher.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/ForwardingLoadingCache.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/Funnels.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/MediaType.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/MathPreconditions.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Ticker.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/ForwardingCache.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/BigIntegerMath.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/Hasher.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/WrappingExecutorService.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/HostAndPort.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/Murmur3\_128HashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/RemovalNotification.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/BloomFilterStrategies.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/RemovalListeners.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/CacheLoader.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/UncheckedExecutionException.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Queues.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/LinkedHashMapMultimapGwtSerializationDependencies.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/EndpointPairIterator.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/ForwardingNetwork.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/ForwardingGraph.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/AbstractGraph.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/ElementOrder.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/NetworkConnections.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/UndirectedNetworkConnections.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/EdgesConnecting.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/MultiEdgesConnecting.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Comparators.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/AbstractGraphBuilder.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/GraphConnections.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/AbstractNetwork.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/ImmutableValueGraph.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/ValueGraph.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/UndirectedGraphConnections.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/MapRetrievalCache.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/StandardMutableNetwork.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/StandardMutableValueGraph.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/ForwardingValueGraph.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/GraphConstants.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/StandardMutableGraph.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/AbstractValueGraph.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/StandardValueGraph.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/DirectedMultiNetworkConnections.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/InetAddresses.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/MultiReader.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/FluentIterable.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/Bytes.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/Longs.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/FileBackedOutputStream.java  
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jar/com/google/common/primitives/Floats.java

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jar/com/google/common/base/Converter.java

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\* Holder for web specializations of methods of { @code Ints }. Intended to be empty for regular

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jar/com/google/common/eventbus/Subscriber.java  
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jar/com/google/common/base/MoreObjects.java  
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jar/com/google/common/util/concurrent/ListenerCallQueue.java  
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jar/com/google/common/math/Quantiles.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/eventbus/Dispatcher.java  
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jar/com/google/common/eventbus/SubscriberRegistry.java

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jar/com/google/common/cache/LongAdder.java  
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jar/com/google/common/cache/Striped64.java  
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jar/com/google/common/hash/Striped64.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/util/concurrent/AtomicDoubleArray.java

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/GeneralRange.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Count.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableSortedMultiset.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/RangeSet.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/SortedIterables.java  
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Found in path(s):

- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/html/ParametricNullness.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ParametricNullness.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/ParametricNullness.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/ParametricNullness.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/xml/ParametricNullness.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/ParametricNullness.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/ParametricNullness.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/eventbus/ParametricNullness.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/ParametricNullness.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/html/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/escape/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/reflect/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ElementTypesAreNonnullByDefault.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/xml/ElementTypesAreNonnullByDefault.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/ElementTypesAreNonnullByDefault.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/ElementTypesAreNonnullByDefault.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ParametricNullness.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/eventbus/ElementTypesAreNonnullByDefault.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/ElementTypesAreNonnullByDefault.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/ParametricNullness.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/reflect/ParametricNullness.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/ParametricNullness.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/ElementTypesAreNonnullByDefault.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/escape/ParametricNullness.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/graph/ParametricNullness.java

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ImmediateFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/FakeTimeLimiter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/escape/CharEscaperBuilder.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/TimeoutFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Futures.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/CollectionFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/CaseFormat.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/annotations/VisibleForTesting.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/FuturesGetChecked.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/TimeLimiter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/reflect/TypeToken.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/escape/CharEscaper.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractTransformFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/FluentFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/AppendableWriter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AggregateFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/PatternFilenameFilter.java

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\* This following method is a modified version of one found in

\* <http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30>

\* which contained the following notice:

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jar/com/google/common/util/concurrent/MoreExecutors.java

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jar/com/google/common/base/PatternCompiler.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/base/JdkPattern.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/base/CommonMatcher.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/base/CommonPattern.java

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*/
/*
```

```
* This method was rewritten in Java from an intermediate step of the Murmur hash function in
* http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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Found in path(s):

```
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/base/SmallCharMatcher.java
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```
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/base/Verify.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/eventbus/SubscriberExceptionContext.java
```

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/CharSequenceReader.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/eventbus/SubscriberExceptionHandler.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/reflect/TypeVisitor.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/FilteredMultimapValues.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/AbstractTable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Runnables.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/HashingInputStream.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Utf8.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/JdkFutureAdapters.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/xml/XmlEscapers.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/ByteArrayDataInput.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Cut.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Callables.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/annotations/GwtIncompatible.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/annotations/GwtCompatible.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/escape/Escapers.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/SignedBytes.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/SparseImmutableTable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/LocalCache.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/escape/ArrayBasedCharEscaper.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/HostSpecifier.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/escape/Platform.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/CacheBuilder.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/UnsignedBytes.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/InternetDomainName.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Service.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/reflect/TypeResolver.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Splitter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/LineProcessor.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/MapMakerInternalMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/cache/ReferenceEntry.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableTable.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractIdleService.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/UrlEscapers.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Platform.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/escape/ArrayBasedEscaperMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractService.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/DenseImmutableTable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/ByteProcessor.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/SettableFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/ByteArrayDataOutput.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/html/HtmlEscapers.java

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/package-info.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/FinalizablePhantomReference.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/LineBuffer.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Function.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/LittleEndianDataOutputStream.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Throwables.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/CountingOutputStream.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/Closeables.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/eventbus/DeadEvent.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Preconditions.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Supplier.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ListenableFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/MultiInputStream.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/Primitives.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Objects.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/LineReader.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/Interners.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/eventbus/AsyncEventBus.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/CountingInputStream.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/eventbus/Subscribe.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/FinalizableReference.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/DirectExecutor.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/AbstractIterator.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ExecutionList.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/eventbus/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/ByteStreams.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/EnumMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/FinalizableReferenceQueue.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Functions.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/eventbus/AllowConcurrentEvents.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/HashBiMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/Resources.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/FinalizableSoftReference.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/CharStreams.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Defaults.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Predicate.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Charsets.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Suppliers.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/FinalizableWeakReference.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/Files.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/Flushables.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/eventbus/EventBus.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/LittleEndianDataInputStream.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Predicates.java

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- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/FilteredSetMultimap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/FilteredEntryMultimap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableAsList.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/CompactLinkedHashSet.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/AbstractMultimap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ForwardingImmutableList.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ForwardingImmutableMap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/TransformedIterator.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/DescendingImmutableSortedSet.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/EvictingQueue.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/CompactLinkedHashMap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ForwardingDeque.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/FilteredEntrySetMultimap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/AbstractNavigableMap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/FilteredKeySetMultimap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/FilteredMultimap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableEnumMap.java
- \* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/UnmodifiableSortedMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ForwardingBlockingDeque.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/TreeTraverser.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ForwardingNavigableSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/SortedMultisetBridge.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/RangeMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ForwardingNavigableMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/CompactHashSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/CompactHashMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/FilteredKeyListMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/TransformedListIterator.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ForwardingImmutableSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/TreeRangeMap.java

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\* Holder for web specializations of methods of { @code Floats }. Intended to be empty for regular  
\* version.

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/CombinedFuture.java

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/FarmHashFingerprint64.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/AsyncCallable.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ConsumingQueueIterator.java

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Platform.java

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/BaseEncoding.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ImmutableRangeMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/Stats.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/PairedStats.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/StatsAccumulator.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/xml/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/Closer.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/reflect/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/SmoothRateLimiter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/SipHashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/reflect/Parameter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/io/FileWriteMode.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/math/PairedStatsAccumulator.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/CartesianList.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/reflect/TypeCapture.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/hash/LongAddable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-

jar/com/google/common/hash/LongAddables.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/cache/LongAddable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/escape/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/util/concurrent/ServiceManager.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/reflect/Invokable.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/cache/LongAddables.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/html/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/io/CharSource.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/base/StandardSystemProperty.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/hash/ChecksumHashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/hash/AbstractByteHasher.java  
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jar/com/google/common/reflect/ClassPath.java  
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jar/com/google/common/reflect/TypeToInstanceMap.java  
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jar/com/google/common/math/LinearTransformation.java  
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jar/com/google/common/io/ByteSink.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/reflect/AbstractInvocationHandler.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/util/concurrent/RateLimiter.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ImmutableRangeSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/reflect/MutableTypeToInstanceMap.java  
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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/io/MoreFiles.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/MultimapBuilder.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ImmutableMapEntry.java

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jar/com/google/common/collect/ImmutableSortedAsList.java

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*/
/**
* Holder for extra methods of { @code Objects } only in web. Intended to be empty for regular
* version.
*/
```

Found in path(s):

```
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/base/ExtraObjectsMethodsForWeb.java
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```
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/LinkedHashMultiset.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/UsingToStringOrdering.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/MutableClassToInstanceMap.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/ForwardingListIterator.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/ArrayListMultimap.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/Synchronized.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
```

jar/com/google/common/collect/ImmutableSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingSortedSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ComparatorOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/RegularImmutableSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ListMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractMapEntry.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ConcurrentHashMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Iterables.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/SingletonImmutableSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/NullsFirstOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/EnumBiMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/TreeMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ExplicitOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Lists.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractBiMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingMapEntry.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ReverseNaturalOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/LinkedListMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingQueue.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/HashMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractMapBasedMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractSortedSetMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-

jar/com/google/common/collect/Multiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/LexicographicalOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Ordering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractListMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/BiMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ClassToInstanceMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/NaturalOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingSortedMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ReverseOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Iterators.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingConcurrentMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/TreeMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/SortedSetMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ImmutableList.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Multimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/LinkedHashMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/HashMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractMapBasedMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ByFunctionOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/MapDifference.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Sets.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Interner.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/SetMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-

jar/com/google/common/collect/NullsLastOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractIterator.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingMultiset.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingIterator.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingList.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Multisets.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/EnumHashBiMap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingObject.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Maps.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/AbstractSetMultimap.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/Multimaps.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/CompoundOrdering.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/collect/ForwardingCollection.java  
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* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/SortedMultiset.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/SortedMultisets.java
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* limitations under the License.
*/
/**
* Returns an array containing all of the elements in the specified collection. This method
* returns the elements in the order they are returned by the collection's iterator. The returned
* array is "safe" in that no references to it are maintained by the collection. The caller is
* thus free to modify the returned array.
*
* <p>This method assumes that the collection size doesn't change while the method is running.
*
* <p>TODO(kevinb): support concurrently modified collections?
*
* @param c the collection for which to return an array of elements
*/
```

```
Found in path(s):
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/ObjectArrays.java
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*/
/*
* This method was rewritten in Java from an intermediate step of the Murmur hash function in
* http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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*/
```

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jar/com/google/common/collect/Hashing.java
```

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```
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/IndexedImmutableSet.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableBiMap.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableMap.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/BaseImmutableMultimap.java
```

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\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/annotations/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Atomics.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/primitives/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/SortedLists.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/net/package-info.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/annotations/Beta.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/collect/ContiguousSet.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Ascii.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Equivalence.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/UncaughtExceptionHandler.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/ListeningExecutorService.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Monitor.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/base/Strings.java

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```

Found in path(s):

```
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/graph/Traverser.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/util/concurrent/ClosingFuture.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/graph/AbstractBaseGraph.java
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/graph/BaseGraph.java
```

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*/
/**
* Holder for web specializations of methods of { @code Shorts }. Intended to be empty for regular
* version.
*/
```

Found in path(s):

```
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/primitives/ShortsMethodsForWeb.java
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jar/com/google/common/reflect/Reflection.java

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jar/com/google/common/collect/Streams.java

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jar/com/google/common/primitives/Platform.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/util/concurrent/Internal.java

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jar/com/google/common/util/concurrent/ForwardingLock.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/util/concurrent/ForwardingCondition.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/primitives/ImmutableIntArray.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/hash/AbstractHashFunction.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/primitives/ImmutableDoubleArray.java  
\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-  
jar/com/google/common/primitives/ImmutableLongArray.java

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jar/com/google/common/util/concurrent/ServiceManagerBridge.java
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```

```
*/
/**
* Holder for web specializations of methods of { @code Doubles }. Intended to be empty for regular
* version.
*/
```

Found in path(s):

```
* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/primitives/DoublesMethodsForWeb.java
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/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
 * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
 * version.
 *
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type {@code Comparable} to use {@link
 *     ImmutableSortedMap#of(Comparable, Object)}.</b>
 */

```

Found in path(s):

```

* /opt/cola/permits/1301953781_1649307346.56/0/guava-31-1-jre-sources-1-
jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java

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 */
/**
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 *
 * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
 * java.util.HashMap class.
 */

```

Found in path(s):

\* /opt/cola/permits/1301953781\_1649307346.56/0/guava-31-1-jre-sources-1-jar/com/google/common/util/concurrent/Striped.java

# 1.246 zstd 1.4.5

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Ty Coon, President of Vice
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## 1.247 netty-transport-classes-epoll

### 4.1.78.Final

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 */
/**
 * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */
/**
 * Set the {@code TCP_QUICKACK} option on the socket.
 * See <a href="https://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
 * for more details.
 */
```

Found in path(s):

```
*/opt/cola/permits/1424749357_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-
jar/io/netty/channel/epoll/EpollSocketChannelConfig.java
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\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/Native.java

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\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-

jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java

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\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollDomainDatagramChannelConfig.java

\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/SegmentedDatagramPacket.java

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\* Set the {@code TCP\_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.

\* Keys can only be set on, not read to prevent a potential leak, as they are confidential.

\* Allowing them being read would mean anyone with access to the channel could get them.

\*/

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\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java

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\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollEventArray.java

\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/AbstractEpollServerChannel.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollChannelConfig.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollMode.java  
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\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/TcpMd5Util.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollServerChannelConfig.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java  
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\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollSocketChannel.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/EpollEventLoop.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-jar/io/netty/channel/epoll/AbstractEpollChannel.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-

jar/io/netty/channel/epoll/Epoll.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-  
jar/io/netty/channel/epoll/EpollDatagramChannel.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-  
jar/io/netty/channel/epoll/EpollTcpInfo.java  
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jar/io/netty/channel/epoll/EpollChannelOption.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-  
jar/io/netty/channel/epoll/NativeDatagramPacketArray.java  
\* /opt/cola/permits/1424749357\_1663931821.2561636/0/netty-transport-classes-epoll-4-1-78-final-sources-1-  
jar/io/netty/channel/epoll/package-info.java  
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jar/io/netty/channel/epoll/EpollServerSocketChannel.java

## 1.248 spring-cloud-starter-aws

### 2.2.5.RELEASE

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## 1.254 commons-logging 1.2

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*/opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
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jar/org/apache/commons/logging/LogConfigurationException.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/Log4JLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/LogFactoryImpl.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/SimpleLog.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/Jdk14Logger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/LogSource.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/NoOpLog.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/LogKitLogger.java
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Found in path(s):

```
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/schema/SimpleTypeFactory.java
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/common/StaxHelper.java
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/common/SAXHelper.java
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```

```
*/
/**
 * Do not enforce the unique particle attribution rule.
 */
```

Found in path(s):

```
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/tool/XMLBean.java
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```
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/config/PrePostExtensionImpl.java
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/InterfaceExtension.java
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/PrePostExtension.java
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/util/Diff.java
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/Filer.java
```

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```

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*/
/**
 * @return true to disable unique particle attribution rule, false otherwise
 * Default is false.
 */
/**
 * set true to disable unique particle attribution rule, false otherwise
 */

```

Found in path(s):

```

* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/xsd2inst/SchemaInstanceGenerator.java
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```

Found in path(s):

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* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/util/SuppressForbidden.java
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-  
jar/org/apache/xmlbeans/impl/common/DefaultClassLoaderResourceLoader.java  
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jar/org/apache/xmlbeans/metadata/src/xmlconfig.xsd  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-  
jar/org/apache/xmlbeans/XmlTokenSource.java

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 */
/**
 * cos-nonambig: See
 * <a href="http://www.w3c.org/TR/xmlschema-1/#cos-nonambig">XMLSchema Structures 1.0: Unique Particle
Attribution</a>
 */
```

Found in path(s):

```
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/XmlErrorCodes.java
```

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* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
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*/
/** deactivate unique particle attribution - default: false */
```

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*/
```

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* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/common/DocumentHelper.java
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/common/XMLBeansConstants.java
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/store/Locale.java
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*/
/**
 * If this option is set, the unique particle attribution rule is not
 * enforced when building a {@code SchemaTypeSystem}. See
 * Appendix H of the XML Schema
specification
 * for information on the UPA rule.
 *
 * @see XmlBeans#compileXsd
 */

```

Found in path(s):

```

* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/XmlOptions.java

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jar/org/apache/xmlbeans/impl/regex/message_fr.properties
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/regex/message.properties
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/regex/message_ja.properties

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*/
// if we can, then particle attribution is not unique
```

Found in path(s):

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/**
 * True if no unique particle attribution option is set
 */
```

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jar/org/apache/xmlbeans/impl/common/Mutex.java
```

```
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/impl/store/SoapPartDom.java
```

```
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/xml/stream/Space.java
```

```
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/XmlBase64Binary.java
```

```
* /opt/cola/permits/1451440951_1666719681.2920227/0/xmlbeans-5-1-1-sources-
jar/org/apache/xmlbeans/XmlUnsignedLong.java
```

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SoapBodyElementXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPConnectionFactory.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/ProcInstXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/XQuerySchemaTypeSystem.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPConstants.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/XQuery.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlReaderToWriter.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlRuntimeException.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/NamedNodeXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/EncodingMap.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/GlobalLock.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/XsbDumper.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/saxon/SaxonXQuery.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaDoubleHolder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlGYearImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlValueNotSupportedException.java  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SoapFaultXobj.java  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SaajTextNode.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/CodeGenUtil.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/xmlbeans/XmlbeansXPath.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlID.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/StringEnumValue.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaParticleImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlDate.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlException.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlToken.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/UserType.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/Op.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/ElementAttributes.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/config/NameSet.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlAnySimpleTypeImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SoapHeaderElementXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaStringEnumEntry.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/XsdGenStrategy.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaTypeSystemImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlObjectList.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/soap/SOAPArrayType.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlHexBinaryRestriction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlUnsignedByteImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlAnyURI.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlGYearMonthImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/PrefixResolver.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/ParseException.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/util/XsTypeConverter.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/DetailEntryXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/StartElement.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/ResolverUtil.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/config/ChildSolverCollectionStrategy.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlNegativeIntegerImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/util/Attribute.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlLineNumber.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaBooleanHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlSimpleList.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/ParserForXMLSchema.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/StscChecker.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlGMonth.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/DocumentFactory.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SoapFaultElementXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/ProcessingInstruction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/repackage/EditBuildScript.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/VenetianBlindStrategy.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaAnnotation.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlDateTime.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/SchemaCompilerExtension.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlNmTokenImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/REUtil.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaFloatHolder.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlByteImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlWhitespace.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlObjectBase.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/CdataNode.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaGlobalAttribute.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlNormalizedStringImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/IntStack.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/TypeHierarchyPrinter.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SoapEnvelopeXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SoapPartDocXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlHexBinaryImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/GDurationBuilder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/GDateSpecification.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlENTITY.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/events/ElementTypeNames.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlNCNameImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlStreamUtils.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaModelGroupImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/config/Parser.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlFloatImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlComplexContentImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/ValidatorListener.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlDateImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/RegexParser.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/DetailXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlCursor.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaTypeElementSequencer.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/PrettyPrinter.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaGlobalElementImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/XPathExecutionContext.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/MavenPluginResolver.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlNonPositiveIntegerImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPBodyElement.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlDuration.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/validator/ValidatorUtil.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaTypeCodePrinter.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/GDate.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/SystemCache.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlLongRestriction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlTime.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlLongImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlIntegerRestriction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/GDateBuilder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/NodeXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaListXmlObject.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/SniffedXmlInputStream.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/CharNode.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/InvalidLexicalValueException.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaDecimalHolder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/CDataBookmark.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlShort.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlEntitiesImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPBody.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/AttachmentPart.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlDateTimeImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/ElementFactory.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/util/Element.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XMLChar.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/DocumentFragXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaAttributeGroupImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/RunXQuery.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaAttributeModelImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlNormalizedString.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaDependencies.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlByte.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlUnsignedIntImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaGDateHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/NamespaceContext.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlIDREFS.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/SalamiSliceStrategy.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SimpleValue.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlIDREF.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlAnyUriRestriction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/StartDocument.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/TypeStore.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlStringRestriction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/SchemaImportResolver.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlEventBase.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaTypePool.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaIntegerHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SoapHeaderXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPFactory.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlQName.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlListImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/StscJavaizer.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlUnsignedInt.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/ValidationContext.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/CommandLine.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/validator/ValidatingXMLStreamReader.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/Saver.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlErrorWatcher.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/StscSimpleTypeResolver.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlCalendar.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlString.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPConnection.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlBooleanImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/repackage/Repackager.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/saxon/SaxonXPath.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlError.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/CharUtil.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/xmlbeans/XmlbeansXPathEngine.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/StartPrefixMapping.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/ResourceLoader.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/StringEnumAbstractBase.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaTypeSystemCompiler.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/XPathCompilationContext.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/Saaj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/XPath.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaContainer.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/validator/Validator.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlValueOutOfRangeException.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/SniffedXmlReader.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/MessageFactory.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/config/UserTypeImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/RangeToken.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/EndDocument.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlDurationImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPMessage.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaTypeLoader.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaType.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/ClassLoaderResourceLoader.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/StscResolver.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPHeaderElement.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPEnvelope.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlBoolean.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/EndPrefixMapping.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlShortImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/richParser/XMLStreamReaderExtImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaLocalElementImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaListObject.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlDecimalRestriction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/IdentityConstraint.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/DomImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaUriHolder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlDecimalImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlNameImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaTypeLoaderException.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/QNameSetBuilder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlGDay.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlStringEnumeration.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlGMonthDayImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlLocale.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/AttrIdXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/EndElement.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/soap/SchemaWSDLArrayType.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/StscTranslator.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XMLNameHelper.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaLongHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlNotationImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/StreamInstanceValidator.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlDoubleImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/ReaderInputStream.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlIntegerImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlInteger.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaTypeLoaderImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/CharacterData.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaQNameHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaStringHolder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/QNameHelper.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlENTITIES.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/XPathStep.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/SchemaCopy.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/StscImporter.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaBase64Holder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaBookmark.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaLocalAttribute.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/Path.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/NamespaceManager.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlDoubleRestriction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaParticle.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaAnnotationImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/CommentXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlTokenImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlUnsignedLongImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/Validate.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SaajCdataNode.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPHeader.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/Node.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlSaxHandler.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/RussianDollStrategy.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/MavenPluginHelp.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaGDurationHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaIdentityConstraint.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/BindingConfig.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlAnyUriImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaModelGroup.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaStringEnumEntryImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/SoapBodyXobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/GDuration.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlINCName.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaHexBinaryHolder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaTypeVisitorImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaAttributeModel.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaTypeLoaderBase.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaProperty.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/Inst2Xsd.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlLong.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/ObjectFactory.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/InstanceValidator.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlHexBinary.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlValidationError.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/DetailEntry.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlDocumentProperties.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/EntityReference.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaGlobalElement.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaAttributeGroup.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlQNameImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/TextNode.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlInt.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlEncodingSniffer.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/FactorImports.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlNMTOKEN.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlIdRefImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/TypeStoreUser.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/TypeStoreUserFactory.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlNMTOKENS.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaNotationHolder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlAnySimpleTypeRestriction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlIntImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlTimeImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlLanguage.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/BuiltinSchemaTypeSystem.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlBeans.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlValueNotNillableException.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlAnySimpleType.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlNmTokensImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaStringEnumerationHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlStringImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/IOUtil.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaDecimalHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XmlErrorPrinter.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/TypeSystemHolder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/Xobj.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/util/HexBin.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaFloatHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlFloat.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlPositiveInteger.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaPropertyImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPPart.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlNOTATION.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/PushedInputStream.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaGlobalAttributeImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/config/BindingConfigImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/QNameCache.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/ChangePrefixMapping.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/GDurationSpecification.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlObject.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/DocumentXobj.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/DomSaver.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaNotationHolderEx.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/Cursor.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlUnionImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/FactoryFinder.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/util/LongUTFDataOutputStream.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/FilterXmlObject.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaLongHolder.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlDouble.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/config/NameSetBuilder.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaTypeImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/XPathFactory.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaHexBinaryHolderEx.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaCodePrinter.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlIdRefsImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/config/InterfaceExtensionImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/QNameSet.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/richParser/XMLStreamReaderExt.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaIntegerHolder.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlFloatRestriction.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlOptionCharEscapeMap.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaComponent.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/Text.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPFaultElement.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/ElementXobj.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SoapEncSchemaTypeSystem.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/saxon/SaxonXPathEngine.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPException.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlPositiveIntegerImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/SchemaRegularExpression.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlValueDisconnectedException.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaLocalAttributeImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaIntHolder.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/TypeStoreVisitor.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPFault.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/PathResourceLoader.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/Name.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlBase64BinaryRestriction.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/Comment.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/util/TypeSystemHolder.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/XsbReader.java  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/Detail.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/ThreadLocalUtil.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/QNameSetSpecification.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/ElementFilter.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/repackage/Repackage.java  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/SchemaCodeGenerator.java  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlGYear.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/Levenshtein.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/util/Type.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaAnnotated.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/SOAPElement.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpathgen/XPathGenerator.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlLanguageImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/XmlValueRef.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaBooleanHolder.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlBooleanRestriction.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/Parameters.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/Match.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/Attribute.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaLocalElement.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlName.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaTypeSystem.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/Bookmark.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/Cur.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlNameImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/Location.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/NameUtil.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpath/XPathEngine.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/Token.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/util/LongUTFDataInputStream.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/XMLEvent.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlBase64BinaryImpl.java  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlGYearMonth.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlIntRestriction.java  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlDecimal.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/tool/BaseSchemaResourceManager.java  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlNonNegativeInteger.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlGDayImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/XMLName.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/SchemaField.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/JarHelper.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/xml/stream/AttributeIterator.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/FileResourceLoader.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlFactoryHook.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/AbstractDocumentFactory.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlNonNegativeIntegerImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaQNameHolder.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/regex/BMPattern.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlUnsignedByte.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/validator/ValidatingInfoXMLStreamReader.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaUriHolderEx.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlUnsignedShortImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/util/FilerImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/inst2xsd/Inst2XsdOptions.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/store/QNameFactory.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/MimeHeader.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlIdImpl.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/LoadSaveUtils.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlNegativeInteger.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaDoubleHolderEx.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xsd2inst/SampleXmlUtil.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/xpathgen/XPathGenerationException.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlGMonthDay.java

\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/XmlEntityImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/Sax2Dom.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaStringHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/SchemaIdentityConstraintImpl.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/common/XBeanDebug.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/schema/XmlObjectFactory.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/XmlUnsignedShort.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/values/JavaIntHolderEx.java  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/impl/soap/MimeHeaders.java  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/metadata/src/substwsdl.xsd  
\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/metadata/src/ltgfmt.xsd  
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\* /opt/cola/permits/1451440951\_1666719681.2920227/0/xmlbeans-5-1-1-sources-jar/org/apache/xmlbeans/package.html

# 1.257 jul-to-slf4j 1.7.36

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jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java

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jar/io/netty/handler/ssl/SslProtocols.java

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jar/io/netty/handler/ssl/SslMasterKeyHandler.java
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\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/flow/package-info.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/flush/package-info.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/PemValue.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java  
\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/PemEncoded.java

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jar/io/netty/handler/pcap/UDPPacket.java
* /opt/cola/permits/1424147662_1663873975.4904096/0/netty-handler-4-1-82-final-sources-
jar/io/netty/handler/pcap/EthernetPacket.java
* /opt/cola/permits/1424147662_1663873975.4904096/0/netty-handler-4-1-82-final-sources-
jar/io/netty/handler/pcap/package-info.java
* /opt/cola/permits/1424147662_1663873975.4904096/0/netty-handler-4-1-82-final-sources-
jar/io/netty/handler/pcap/PcapWriter.java
* /opt/cola/permits/1424147662_1663873975.4904096/0/netty-handler-4-1-82-final-sources-
jar/io/netty/handler/pcap/TCPHeader.java
* /opt/cola/permits/1424147662_1663873975.4904096/0/netty-handler-4-1-82-final-sources-
jar/io/netty/handler/pcap/PcapHeaders.java
* /opt/cola/permits/1424147662_1663873975.4904096/0/netty-handler-4-1-82-final-sources-
jar/io/netty/handler/pcap/IPPacket.java
* /opt/cola/permits/1424147662_1663873975.4904096/0/netty-handler-4-1-82-final-sources-
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\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java

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\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java

\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java

\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java

\* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/SslClosedEngineException.java

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- \* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
- \* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
- \* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
- \* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
- \* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
- \* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
- \* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
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- \* /opt/cola/permits/1424147662\_1663873975.4904096/0/netty-handler-4-1-82-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java

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\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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\* java.sun.security.ssl

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

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org.apache.taglibs:taglibs-standard-impl

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- org.apache.tomcat:tomcat-util

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

-----

Mortbay

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

- org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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\* org.eclipse.jetty.orbit:javafx.security.auth.message

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\* javax.annotation:javax.annotation-api  
\* javax.transaction:javax.transaction-api  
\* javax.websocket:javax.websocket-api

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\* java.sun.security.ssl

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- \* org.ow2.asm:asm

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- \* org.apache.taglibs:taglibs-standard-impl

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- \* org.apache.tomcat:tomcat-jasper
- \* org.apache.tomcat:tomcat-juli
- \* org.apache.tomcat:tomcat-jsp-api
- \* org.apache.tomcat:tomcat-el-api
- \* org.apache.tomcat:tomcat-jasper-el
- \* org.apache.tomcat:tomcat-api
- \* org.apache.tomcat:tomcat-util-scan
- \* org.apache.tomcat:tomcat-util
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RUIoI0BYmYpaETSqxt2oLFU=  
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Zokttk0bTHfwaa5TtxQbScw=

=N/w/

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LBDVaad1bJ1v1EHY901kPcg=  
=6rqm

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iQEcBAEBAGBQJQBb4tAAoJEMHhjBmtgF91HDcH/2nQDPuPztWFrBifnEoLF6JI
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=gAqN
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Date: January 30th 2006

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Version: GnuPG v1.4.1 (Darwin)

iD8DBQFD37/4dL6IZr4c+6kRAtsIAJ41tfd3lj4OM6sIMfJfTOdYdT1bxwCdGgWv  
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=8WW7

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Full name: Nicanor Gonzalez

E-Mail: `ngonzalez@exist.com`

Mailing Address: 37 TwinHill St., New Manila Rolling Hills, Q.C., Philippines

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Version: GnuPG v1.4.4 (MingW32)

iD8DBQFEt1ZxHR/ESK2w6H8RApbOAJ9c1eooNr2oN59WZVtJExGJjUvKgCfaKji  
6etDJ6AUj0jTuS159hUsWMQ=  
=HmqH

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Corporation name: Simula Labs, Inc.  
Mailing Address: 4676 Admiralty Way, Suite 520  
Marina Del Rey, CA 90292

Point of Contact:  
Full name: Gordon King  
E-Mail: `gordon.king@simulalabs.com`  
Fax: +1 800 822 0471

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Date:

Signature:

Name: Gordon King

Positions: Chief Operational Officer

Schedule A

Name	Date added
Simone Bordet	12 September 2006

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E-Mail: `david_jencks@yahoo.com`

Mailing Address: 2215 SE 39th Ave, Portland OR 97214 USA

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iD8DBQFIZT2ToF6+5lbz4BsRAs3wAJ9puXC26Nr8nhFvTZ9oNwxDFV/DVACgnC8O  
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=jC7I

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Full name: Julian Anthony Fox Gosnell

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# 1.268 swagger-models 2.2.0

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

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

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

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

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

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

- \* java.sun.security.ssl

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

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- org.ow2.asm:asm-commons
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## Apache

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

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-jar/software/amazon/awssdk/awscore/DefaultAwsResponseMetadata.java

\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-

jar/software/amazon/awssdk/awscore/client/builder/AwsAsyncClientBuilder.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/retry/AwsRetryPolicy.java  
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jar/software/amazon/awssdk/awscore/client/config/AwsClientOption.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/client/handler/AwsAsyncClientHandler.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/interceptor/HelpfulUnknownHostExceptionInterceptor.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/util/AwsHostNameUtils.java  
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jar/software/amazon/awssdk/awscore/retry/conditions/RetryOnErrorCodeCondition.java  
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jar/software/amazon/awssdk/awscore/AwsResponse.java  
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jar/software/amazon/awssdk/awscore/eventstream/EventStreamResponseHandler.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/presigner/PresignedRequest.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/AwsResponseMetadata.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/exception/AwsErrorDetails.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/internal/client/config/AwsClientOptionValidation.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/interceptor/GlobalServiceExecutionInterceptor.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/client/builder/AwsClientBuilder.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/eventstream/EventStreamTaggedUnionJsonMarshaller.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/eventstream/RestEventStreamAsyncResponseTransformer.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/endpoint/DefaultServiceEndpointBuilder.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/eventstream/EventStreamAsyncResponseTransformer.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/AwsRequestOverrideConfiguration.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/util/AwsHeader.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/internal/AwsStatusCode.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/client/builder/AwsDefaultClientBuilder.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-  
jar/software/amazon/awssdk/awscore/client/builder/AwsSyncClientBuilder.java  
\* /opt/cola/permits/1327378568\_1652479569.9410143/0/aws-core-2-11-12-sources-2-

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jar/software/amazon/awssdk/awscore/internal/AwsErrorCode.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/exception/AwsServiceException.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/eventstream/EventStreamResponseHandlerFromBuilder.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/AwsExecutionAttribute.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/client/config/AwsAdvancedClientOption.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/presigner/PresignRequest.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/client/handler/AwsSyncClientHandler.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/eventstream/EventStreamTaggedUnionPojoSupplier.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/client/handler/AwsClientHandlerUtils.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/eventstream/DefaultEventStreamResponseHandlerBuilder.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/AwsRequest.java
* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-
jar/software/amazon/awssdk/awscore/presigner/SdkPresigner.java
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* /opt/cola/permits/1327378568_1652479569.9410143/0/aws-core-2-11-12-sources-2-jar/META-
INF/maven/software.amazon.awssdk/aws-core/pom.xml
```

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\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/http/cors/CorsConfig.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/http/cors/CorsHandler.java

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\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java  
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\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java  
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\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyPingFrame.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyCodecUtil.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyVersion.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockJZlibEncoder.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdySynStreamFrame.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyDataFrame.java

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\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaders.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/http/cors/package-info.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyStreamStatus.java

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\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/SpdySessionHandler.java

\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java

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jar/io/netty/handler/codec/rtsp/RtspDecoder.java
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jar/io/netty/handler/codec/http/EmptyHttpHeaders.java
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jar/io/netty/handler/codec/http/cookie/Cookie.java
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jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java
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jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java  
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\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/http/HTTPHeaderDateFormat.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-jar/io/netty/handler/codec/http/QueryStringDecoder.java  
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* /opt/cola/permits/1345501636_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java
* /opt/cola/permits/1345501636_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java
* /opt/cola/permits/1345501636_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandshaker.java
* /opt/cola/permits/1345501636_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-
jar/io/netty/handler/codec/rtsp/RtspHeaderNames.java
* /opt/cola/permits/1345501636_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java
* /opt/cola/permits/1345501636_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-
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jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyProtocolException.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/http/HttpHeadersEncoder.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java  
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jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java  
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jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/http/ClientCookieEncoder.java  
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jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java  
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jar/io/netty/handler/codec/http/HttpStatusClass.java  
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jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java  
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jar/io/netty/handler/codec/http/ServerCookieEncoder.java  
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jar/io/netty/handler/codec/http/HttpChunkedInput.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java  
\* /opt/cola/permits/1345501636\_1655357191.6152105/0/netty-codec-http-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.j  
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jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java  
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jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionDecoder.java  
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jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java  
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jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandler.java  
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java  
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jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java  
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## 1.275 netty-transport-native-unix-common

### 4.1.82.Final

#### 1.275.1 Available under license :

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- \* /opt/cola/permits/1424147487\_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java
- \* /opt/cola/permits/1424147487\_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java
- \* /opt/cola/permits/1424147487\_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-jar/io/netty/channel/unix/ServerDomainSocketChannel.java
- \* /opt/cola/permits/1424147487\_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-jar/io/netty/channel/unix/Socket.java
- \* /opt/cola/permits/1424147487\_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java
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jar/io/netty/channel/unix/SegmentedDatagramPacket.java
* /opt/cola/permits/1424147487_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-
jar/io/netty/channel/unix/DomainDatagramChannel.java
* /opt/cola/permits/1424147487_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-
jar/io/netty/channel/unix/DomainDatagramPacket.java
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* /opt/cola/permits/1424147487_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-
jar/io/netty/channel/unix/IovArray.java
* /opt/cola/permits/1424147487_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-
jar/io/netty/channel/unix/Unix.java
* /opt/cola/permits/1424147487_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-
jar/io/netty/channel/unix/UnixChannelOption.java
* /opt/cola/permits/1424147487_1663873820.4270582/0/netty-transport-native-unix-common-4-1-82-final-sources-
jar/io/netty/channel/unix/package-info.java
```

## 1.276 offheap-store 2.5.2

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```
* /opt/cola/permits/1257272180_1642794123.56/0/offheap-store-2-5-2-sources-
jar/org/terracotta/offheapstore/disk/persistent/AbstractPersistentConcurrentOffHeapCache.java
```

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\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/AbstractOffHeapClockCache.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/OffHeapBufferHalfStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/OffHeapBufferStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/StringStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/eviction/EvictionListeningWriteLockedOffHeapClockCache.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/AbstractLockedOffHeapHashMap.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/persistent/PersistentReadWriteLockedOffHeapClockCacheFactory.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/paging/OffHeapStorageArea.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/persistent/PersistentReadWriteLockedOffHeapHashMapFactory.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/util/ReopeningInterruptibleChannel.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/paging/UpfrontAllocatingPageSource.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/IntegerStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/BooleanHalfStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/HalfStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/HashMap.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/util/AATreeSet.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-

jar/org/terracotta/offheapstore/util/PhysicalMemory.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/storage/PersistentIntegerStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/LongStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/ReadWriteLockedOffHeapHashMapFactory.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/Segment.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/util/Retryer.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/persistent/PersistentConcurrentOffHeapClockCache.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/util/ByteBufferUtils.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/persistent/PersistentConcurrentOffHeapHashMap.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/allocator/LongBestFitAllocator.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/buffersource/TimingBufferSource.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/SerializableStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/ConcurrentWriteLockedOffHeapClockCache.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/paging/PowerOfTwoFileAllocator.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/set/OffHeapHashSet.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/StorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/paging/PhantomReferenceLimitedPageSource.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/PortabilityBasedHalfStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/storage/AATreeFileAllocator.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/listener/AbstractListenableStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/paging/MappedPageSource.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/storage/PersistentSplitStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/persistent/AbstractPersistentOffHeapCache.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/storage/FileBackedStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-

jar/org/terracotta/offheapstore/MetadataTuple.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/eviction/EvictionListeningReadWriteLockedOffHeapClockCache.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/util/FindbugsSuppressWarnings.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/SplitStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/ConcurrentOffHeapHashMap.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/disk/persistent/AbstractPersistentLockedOffHeapHashMap.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/ReadWriteLockedOffHeapClockCacheFactory.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/portability/SerializablePortability.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/PortabilityBasedStorageEngine.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/WriteLockedOffHeapHashMapFactory.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/ConcurrentOffHeapClockCache.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/allocator/PowerOfTwoAllocator.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/util/WeakIdentityHashMap.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/WriteLockedOffHeapClockCacheFactory.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/AbstractConcurrentOffHeapCache.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/OffHeapHashMap.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/AbstractConcurrentOffHeapMap.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/concurrent/ConcurrentWriteLockedOffHeapHashMap.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-  
jar/org/terracotta/offheapstore/storage/PointerSize.java

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\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/META-INF/maven/org.terracotta/offheap-store/pom.xml

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\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/buffersource/HeapBufferSource.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/util/DebuggingUtils.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/buffersource/OffHeapBufferSource.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/portability/ByteArrayPortability.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/persistent/Persistent.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/util/ByteBufferInputStream.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/listener/RuntimeStorageEngineListener.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/pinning/PinnableCache.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/util/Factory.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/allocator/Region.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/storage/portability/PersistentSerializablePortability.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/util/NoOpLock.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/exceptions/OversizeMappingException.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/persistent/PersistentStorageEngine.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/persistent/PersistentReadWriteLockedOffHeapHashMap.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/paging/Page.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/util/MemoryUnit.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/allocator/Allocator.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/allocator/IntegerBestFitAllocator.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/ReadWriteLockedOffHeapHashMap.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/persistent/AbstractPersistentConcurrentOffHeapMap.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/ReadWriteLockedOffHeapClockCache.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/listener/ListenableStorageEngine.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/persistent/PersistentHalfStorageEngine.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/portability/WriteContext.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/WriteLockedOffHeapHashMap.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/WriteLockedOffHeapClockCache.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/concurrent/ConcurrentMapInternals.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/BinaryStorageEngine.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/persistent/PersistentReadWriteLockedOffHeapClockCache.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/Metadata.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/util/Validation.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/paging/MappedPage.java

\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/portability/StringPortability.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/buffersource/BufferSource.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/storage/Region.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/eviction/EvictionListener.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/pinning/PinnableSegment.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/listener/StorageEngineListener.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/portability/WriteBackPortability.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/portability/Portability.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/MapInternals.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/paging/UnlimitedPageSource.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/storage/portability/PersistentByteArrayPortability.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/paging/PageSource.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/storage/listener/RecoveryStorageEngineListener.java  
\* /opt/cola/permits/1257272180\_1642794123.56/0/offheap-store-2-5-2-sources-jar/org/terracotta/offheapstore/disk/persistent/PersistentPortability.java

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\* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/spi/PersistenceProvider.java

\* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/Enumerated.java

\* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/SharedCacheMode.java

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jar/javax/persistence/PersistenceUtil.java  
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jar/javax/persistence/spi/LoadState.java  
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jar/javax/persistence/QueryTimeoutException.java  
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jar/javax/persistence/PreUpdate.java  
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jar/javax/persistence/Access.java  
\* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-  
jar/javax/persistence/OneToOne.java  
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jar/javax/persistence/AssociationOverrides.java  
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jar/javax/persistence/metamodel/SetAttribute.java  
\* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-  
jar/javax/persistence/MapKeyTemporal.java  
\* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-  
jar/javax/persistence/DiscriminatorColumn.java  
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jar/javax/persistence/GenerationType.java  
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jar/javax/persistence/PostLoad.java  
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jar/javax/persistence/LockTimeoutException.java  
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jar/javax/persistence/NonUniqueResultException.java  
\* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-  
jar/javax/persistence/spi/package-info.java  
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jar/javax/persistence/NoResultException.java  
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jar/javax/persistence/UniqueConstraint.java  
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jar/javax/persistence/criteria/ParameterExpression.java  
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jar/javax/persistence/TransactionRequiredException.java  
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jar/javax/persistence/EntityListeners.java  
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\* Specification available from <http://jcp.org/en/jsr/detail?id=317>

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- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/NamedEntityGraphs.java
- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/NamedStoredProcedureQueries.java
- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/Converts.java
- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/Index.java
- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/NamedAttributeNode.java
- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/NamedSubgraph.java
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- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/criteria/CriteriaDelete.java
- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/AttributeNode.java
- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/SynchronizationType.java
- \* /opt/cola/permits/1157317056\_1654022855.910856/0/javax-persistence-api-2-2-sources-2-jar/javax/persistence/Subgraph.java
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jar/javax/persistence/PersistenceUnit.java  
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Eclipse

The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javafx.mail.glassfish

-----

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

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

\* java.sun.security.ssl

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

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

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OW2

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

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

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Apache

The following artifacts are ASL2 licensed.

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

-----

MortBay

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

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

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

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Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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## 1.280 antlr 2.7.7

### 1.280.1 Available under license :

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The primary ANTLR guy:

Terence Parr  
parrt@cs.usfca.edu  
parrt@antlr.org

## 1.281 spring-web-mvc 5.3.21

## 1.281.1 Available under license :

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```
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/handler/AbstractUrlHandlerMapping.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/function/support/RouterFunctionMapping.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/resource/VersionResourceResolver.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/LocaleResolver.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMessageConverterMethodArgumentResolver.
java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/support/RequestContextUtils.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/i18n/SessionLocaleResolver.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/resource/PathResourceResolver.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/i18n/CookieLocaleResolver.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/ExtendedServletRequestDataBinder.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestPartMethodArgumentResolver.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/LocaleContextResolver.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
```

jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerMapping.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
jar/org/springframework/web/servlet/i18n/AbstractLocaleContextResolver.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
jar/org/springframework/web/servlet/i18n/AcceptHeaderLocaleResolver.java  
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jar/org/springframework/web/servlet/tags/form/PasswordInputTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
jar/org/springframework/web/servlet/support/SessionFlashMapManager.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
jar/org/springframework/web/servlet/FlashMapManager.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMappingJacksonResponseBodyAdvice.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java  
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* A contract for inspecting and potentially modifying request data values such
* as URL query parameters or form field values before they are rendered by a
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*
* <p>Implementations may use this contract for example as part of a solution
* to provide data integrity, confidentiality, protection against cross-site
* request forgery (CSRF), and others or for other tasks such as automatically
* adding a hidden field to all forms and URLs.
*
* <p>View technologies that support this contract can obtain an instance to
* delegate to via { @link RequestContext#getRequestDataValueProcessor()}.
*
* @author Rossen Stoyanchev
* @since 3.1
*/

```

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```

* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/support/RequestDataValueProcessor.java
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* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/tags/ParamAware.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/support/RedirectAttributes.java
* /opt/cola/permits/1347861363_1655734693.0962408/0/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/view/tiles3/AbstractSpringPreparerFactory.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/condition/MediaTypeExpression.java  
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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/AbstractUrlViewController.java  
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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/SpringBeanPreparerFactory.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/RadioButtonTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/OptionWriter.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/WebJarsResourceResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/DefaultRenderingResponseBuilder.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/AsyncSupportConfigurer.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/RouterFunction.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/CachingResourceResolver.java

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jar/org/springframework/web/servlet/config/annotation/DefaultServletHandlerConfigurer.java  
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jar/org/springframework/web/servlet/function/RouterFunctionDsl.kt  
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jar/org/springframework/web/servlet/mvc/method/annotation/DeferredResultMethodReturnValueHandler.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
jar/org/springframework/web/servlet/view/RedirectView.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/FlashMap.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/RouterFunctions.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceUrlEncodingFilter.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/HandlerMapping.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/AnnotationDrivenBeanDefinitionParser.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ServletCookieValueMethodArgumentResolver.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/script/ScriptTemplateViewResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/TilesConfigurer.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/TilesViewResolver.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/ChangePathPatternParserVisitor.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/MessageTag.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerViewResolver.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ResponseBodyEmitter.java  
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Found in path(s):

- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/RequestContextAwareTag.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/CheckboxesTag.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/InterceptorRegistry.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/ParamTag.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/OptionTag.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/BindErrorsTag.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/DefaultServletHttpRequestHandler.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/TransformedResource.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractCheckedElementTag.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractHtmlElementBodyTag.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/SimpleSpringPreparerFactory.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/DefaultResourceTransformerChain.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/HandlerMethodMappingNamingStrategy.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RequestResponseBodyAdviceChain.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/RadioButtonTag.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ContentVersionStrategy.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractDataBoundFormElementTag.java  
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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/ScriptTemplateConfigurerBeanDefinitionParser.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestMethodArgumentResolver.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/AbstractController.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/NestedPathTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractHtmlInputElementTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/SelectTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/View.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/SelectedValueComparator.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/FixedVersionStrategy.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/document/AbstractPdfStamperView.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/HtmlEscapeTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/GroovyMarkupConfigurerBeanDefinitionParser.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/GzipResourceResolver.java  
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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/ModelAndView.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/EscapeBodyTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/support/AbstractDispatcherServletInitializer.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceResolverChain.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/xml/MarshallingView.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/ThemeTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/condition/AbstractNameValueExpression.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/ViewResolversBeanDefinitionParser.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractHtmlElementTag.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractSingleCheckedElementTag.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupConfigurer.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/BindTag.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractMultiCheckedElementTag.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/SimpleMappingExceptionResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/EvalTag.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/theme/CookieThemeResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/CheckboxTag.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/InputTag.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/MatrixVariableMapMethodArgumentResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceTransformerChain.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/EditorAwareTag.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/HttpServletBean.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/ValueFormatter.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/feed/AbstractFeedView.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/DefaultResourceResolverChain.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/feed/AbstractAtomFeedView.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/ContentNegotiatingViewResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/script/RenderingContext.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ResponseBodyAdvice.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/ArgumentTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/ModelAndViewDefiningException.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/document/AbstractPdfView.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/HandlerExceptionResolver.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceTransformerSupport.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfigurer.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/FormTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/OptionsTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/condition/NameValueExpression.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractFormTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerView.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/support/AbstractAnnotationConfigDispatcherServletInitializer.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/TransformTag.java  
\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/LabelTag.java

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\* XSLT-driven View that allows for response context to be rendered as the

\* result of an XSLT transformation.

\*  
\* <p>The XSLT Source object is supplied as a parameter in the model and then  
\* { @link #locateSource detected } during response rendering. Users can either specify  
\* a specific entry in the model via the { @link #setSourceKey sourceKey } property or  
\* have Spring locate the Source object. This class also provides basic conversion  
\* of objects into Source implementations. See { @link #getSourceTypes() here }  
\* for more details.

\*  
\* <p>All model parameters are passed to the XSLT Transformer as parameters.  
\* In addition the user can configure { @link #setOutputProperties output properties }  
\* to be passed to the Transformer.

\*  
\* @author Rob Harrop  
\* @author Juergen Hoeller  
\* @since 2.0  
\*/

Found in path(s):

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
jar/org/springframework/web/servlet/view/xslt/XsltView.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-  
jar/org/springframework/web/servlet/theme/AbstractThemeResolver.java

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- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceResolver.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupView.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/ViewControllerRegistration.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/ViewControllerBeanDefinitionParser.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/ParameterizableViewController.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/CorsBeanDefinitionParser.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/document/AbstractXlsView.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/ServletForwardingController.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/JstlView.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/support/JspAwareRequestContext.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/AbstractResourceResolver.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/JsonViewRequestBodyAdvice.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/AbstractUrlBasedView.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RedirectAttributesMethodArgumentResolver.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/SpringWildcardServletTilesApplicationContext.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ServletWebArgumentResolverAdapter.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/PathVariableMapMethodArgumentResolver.java
- \* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfig.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/HttpResource.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/InternalResourceView.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/AsyncTaskMethodReturnValueHandler.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/support/RedirectAttributesModelMap.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestDataBinderFactory.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/i18n/FixedLocaleResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/RedirectViewControllerRegistration.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/ThemeResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/theme/FixedThemeResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/AsyncHandlerInterceptor.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/JsonViewResponseBodyAdvice.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/SimpleServletPostProcessor.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/support/JstlUtils.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/UriComponentsBuilderMethodArgumentResolver.java

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\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RequestAttributeMethodArgumentResolver.java

\* /opt/cola/permits/1347861363\_1655734693.0962408/0/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/RequestToViewNameTranslator.java

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jar/org/springframework/web/servlet/mvc/condition/RequestCondition.java  
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jar/org/springframework/web/servlet/view/tiles3/SpringLocaleResolver.java  
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jar/org/springframework/web/servlet/config/DefaultServletHandlerBeanDefinitionParser.java  
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## 1.293 springdoc-openapi-hateoas 1.6.9

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/TransferStateChangeListener.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/MultipleFileTransferMonitor.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/MultipleFileTransfer.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/MultipleFileDownloadImpl.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/MultipleFileUploadImpl.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/DownloadMonitor.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/MultipleFileUpload.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/S3ObjectInputStream.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/AbstractTransfer.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/MultipleFileDownload.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/ObjectTaggingXmlFactory.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ObjectTagging.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/Tag.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetObjectTaggingResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/S3AccelerateUnsupported.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3RequesterChargedHeaderHandler.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/BucketAccelerateStatus.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/DeleteObjectTaggingHeaderHandler.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteObjectTaggingRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteObjectTaggingResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectAclRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectTaggingRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3VersionResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetObjectTaggingRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectTaggingResult.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3StringResponseHandler.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/ServiceUtils.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/BucketPolicy.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/RestUtils.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/Bucket.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/RepeatableFileInputStream.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/RepeatableInputStream.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/Owner.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/Mimetypes.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/XmlResponsesSaxParser.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/TagSet.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-

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jar/com/amazonaws/services/s3/model/AccessControlList.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
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* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
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* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/RequestPaymentConfiguration.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
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* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
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* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/EmailAddressGrantee.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/Grantee.java
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jar/com/amazonaws/services/s3/internal/crypto/v1/S3CryptoModuleEO.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/S3ProgressListenerChain.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
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jar/com/amazonaws/services/s3/internal/crypto/v1/S3CryptoModule.java  
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jar/com/amazonaws/services/s3/internal/crypto/GCMCipherLite.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/exception/PauseException.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/internal/crypto/ContentCryptoScheme.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/AmazonS3EncryptionClient.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/internal/crypto/CryptoRuntime.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/internal/crypto/v2/S3CryptoModuleBase.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/internal/crypto/v1/S3CryptoModuleBase.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/internal/crypto/v1/MultipartUploadCbcContext.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/PauseStatus.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-

jar/com/amazonaws/services/s3/internal/crypto/RenewableCipherLiteInputStream.java  
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jar/com/amazonaws/services/s3/transfer/internal/S3ProgressPublisher.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
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jar/com/amazonaws/services/s3/internal/crypto/v2/S3CryptoModuleAESTrict.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/internal/crypto/v1/S3KeyWrapScheme.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/PersistableTransfer.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
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jar/com/amazonaws/services/s3/transfer/internal/DownloadS3ObjectCallable.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-

jar/com/amazonaws/services/s3/transfer/ObjectCannedAclProvider.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/internal/S3ObjectLambdasResource.java  
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jar/com/amazonaws/services/s3/internal/S3AccessPointBuilder.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/ScanRange.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/PreparedDownloadContext.java  
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 */
/**
 * Gets the optional <code>versionIdMarker</code> parameter indicating where in the
 * sorted list of all versions in the specified bucket to begin returning
 * results. Results are always ordered first lexicographically (i.e.
 * alphabetically) and then from most recent version to least recent
 * version.
 * <p>
 * A key marker must be specified when specifying a <code>versionIdMarker</code>.
 * Results begin immediately after the version with the specified key and
 * version ID.
 * </p>
 *
 * @return The optional <code>versionIdMarker</code> parameter indicating where in the
 * sorted list of all versions in the specified bucket to begin
 * returning results.
 *
 * @see ListVersionsRequest#setVersionIdMarker(String)
 * @see ListVersionsRequest#withVersionIdMarker(String)
 */
```

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/ListVersionsRequest.java

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jar/com/amazonaws/services/s3/model/NotificationConfiguration.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/PutInstructionFileRequest.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/internal/S3DirectSpi.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/internal/PartCreationEvent.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/TopicConfiguration.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/SimpleMaterialProvider.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/transfer/MultipleFileTransferProgressUpdatingListener.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/InstructionFileId.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/internal/FileDeletionEvent.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/internal/AmazonS3ExceptionBuilder.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/MaterialsDescriptionProvider.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/S3ObjectIdBuilder.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/internal/MultiFileOutputStream.java
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/auth/DecodedStreamBuffer.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/MultipleFileTransferStateChangeListener.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/CloudFunctionConfiguration.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/EncryptedPutObjectRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SSEAwsKeyManagementParamsProvider.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/EncryptionMaterialsFactory.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/AbstractPutObjectRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/OnFileDelete.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SSEAwsKeyManagementParams.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/S3SyncProgressListener.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/PutObjectRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/KMSEncryptionMaterialsProvider.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/EncryptedInitiateMultipartUploadRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/S3ObjectId.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SSECustomerKeyProvider.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ExtraMaterialsDescription.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/auth/ChunkContentIterator.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3Direct.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/UploadObjectObserver.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/S3Event.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/QueueConfiguration.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/EncryptedGetObjectRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SSECustomerKey.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/AmazonS3URI.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/UploadObjectRequest.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/WriteGetObjectResponseResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3ObjectLambdaOperationEndpointBuilder.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/WriteGetObjectResponseRequest.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/waiters/HeadBucketFunction.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketWebsiteConfigurationRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/RoutingRuleCondition.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/RedirectRule.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/InitiateMultipartUploadHeaderHandler.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/TransferManagerParams.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/MultipartUploadContext.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketTaggingConfigurationRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/AmazonS3ClientConfigurationFactory.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketAclRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketCrossOriginConfigurationRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/ListPartsHeaderHandler.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GlacierJobParameters.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketLifecycleConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/crypto/v2/MultipartUploadContext.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/AmazonS3ClientParamsWrapper.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/TransferManagerBuilder.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/AmazonS3ClientBuilder.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/AmazonS3Builder.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/RoutingRule.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListObjectsV2Result.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketPolicyRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketAclRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketPolicyRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/BucketWebsiteConfiguration.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketWebsiteConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/AmazonS3ClientParams.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/crypto/ByteRangeCapturingInputStream.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketWebsiteConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3AbortableInputStream.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketPolicyRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketLocationRequest.java  
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/\*\*

\* Interface for providing encryption materials.  
\* Implementations are free to use any strategy for providing encryption  
\* materials, such as simply providing static material that doesn't change,  
\* or more complicated implementations, such as integrating with existing  
\* key management systems.  
\*/

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// The Amazon S3 DevPay token header is a special exception and can be safely moved

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/ListBucketIntelligentTieringConfigurationsRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringFilterPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/intelligenttiering/Tiering.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/GetBucketIntelligentTieringConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/SetBucketIntelligentTieringConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringPrefixPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/CryptoRangeGetMode.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringTagPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringPredicateVisitor.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringFilter.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringConfiguration.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/DeleteBucketIntelligentTieringConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/GetBucketIntelligentTieringConfigurationResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringAndOperator.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/ListBucketIntelligentTieringConfigurationsResult.java  
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jar/com/amazonaws/services/s3/model/DeleteBucketIntelligentTieringConfigurationResult.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/lifecycle/LifecyclePredicateVisitor.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/ListBucketInventoryConfigurationsRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/ListBucketInventoryConfigurationsResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/analytics/StorageClassAnalysisSchemaVersion.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/DeleteBucketAnalyticsConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/DeleteBucketInventoryConfigurationRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketMetricsConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryIncludedObjectVersions.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationTagPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsNaryOperator.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsS3ExportFileFormat.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketMetricsConfigurationResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/AccessControlTranslation.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryPredicateVisitor.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketOwnershipControlsResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsConfiguration.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListBucketAnalyticsConfigurationsRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketInventoryConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleNaryOperator.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketOwnershipControlsRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsAndOperator.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketInventoryConfigurationResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/OwnerOverride.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketAnalyticsConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketInventoryConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsConfiguration.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketOwnershipControlsResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryPrefixPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryS3BucketDestination.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFormat.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryDestination.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketAnalyticsConfigurationResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketAnalyticsConfigurationResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleFilterPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationPredicateVisitor.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsAndOperator.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketMetricsConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsFilterPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsPrefixPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleTagPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFilterPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/CompleteMultipartDownload.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleFilter.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketOwnershipControlsResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketAnalyticsConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/StorageClassAnalysisDataExport.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleAndOperator.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryConfiguration.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketMetricsConfigurationResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketInventoryConfigurationResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsTagPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/StorageClassAnalysis.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsExportDestination.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/S3CredentialsProviderChain.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketAnalyticsConfigurationResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsNaryOperator.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecyclePrefixPredicate.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsFilterPredicate.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventorySchedule.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsFilter.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/RequestCopyUtils.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationNaryOperator.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListBucketAnalyticsConfigurationsResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketMetricsConfigurationRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFrequency.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketInventoryConfigurationResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsPredicateVisitor.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsPrefixPredicate.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListBucketMetricsConfigurationsRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFilter.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketOwnershipControlsRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListBucketMetricsConfigurationsResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsS3BucketDestination.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationFilter.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationAndOperator.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketMetricsConfigurationResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationPrefixPredicate.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryOptionalField.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationFilterPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsTagPredicate.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsFilter.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsPredicateVisitor.java

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- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/SecuredCEK.java
- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/crypto/v2/SecuredCEK.java

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- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/OutpostResourceType.java
- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringAccessTier.java
- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/S3ArnUtils.java
- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3OutpostAccessPointBuilder.java
- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/IntermediateOutpostResource.java
- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringStatus.java
- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/BucketConfigurationXmlFactory.java
- \* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/XmlIntelligentTieringPredicateVisitor.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketCrossOriginConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketLoggingConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/DownloadTaskImpl.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/DownloadCallable.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketTaggingConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListNextBatchOfVersionsRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketReplicationConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketAccelerateConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListNextBatchOfObjectsRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketLifecycleConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketVersioningConfigurationRequest.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/PresignedUrlUploadResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEvent.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEventVisitor.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/XmlWriterUtils.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/AbortableTransfer.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/JSONType.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ObjectLockRetentionMode.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/PresignedUrlUploadRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/CompressionType.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectLegalHoldResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/RequestProgress.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/PresignedUrlDownloadConfig.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/PresignedUrlDownloadResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/eventstreaming/MessageDecoder.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectLockConfigurationResult.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ObjectLockMode.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEventStream.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectLockConfigurationRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectRetentionRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DefaultRetention.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ObjectLockRetention.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetObjectLegalHoldRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectRetentionResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ParquetInput.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetObjectLegalHoldResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ObjectLockLegalHoldStatus.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ObjectLockConfiguration.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/ObjectLockConfigurationXmlFactory.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/Stats.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetObjectRetentionRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/ObjectLockLegalHoldXmlFactory.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SelectRecordsInputStream.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/SelectObjectContentEventUnmarshaller.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetObjectLockConfigurationRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetObjectRetentionResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ObjectLockLegalHold.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEventException.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetObjectLockConfigurationResult.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/ObjectLockRetentionXmlFactory.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/PresignUrlDownloadCallable.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/UploadObjectStrategy.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/AbstractDownloadCallableConfig.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectLegalHoldRequest.java

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketReplicationConfigurationRequest.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketReplicationConfigurationRequest.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketNotificationConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketAccelerateConfigurationRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/FilterRuleStaxUnmarshaller.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/S3KeyFilter.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/GetBucketEncryptionStaxUnmarshaller.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/AbstractAmazonS3.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/GetPublicAccessBlockStaxUnmarshaller.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ReplicationRule.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetS3AccountOwnerRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/NotificationConfigurationStaxUnmarshaller.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/exception/FileLockException.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/HeadBucketResultHandler.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/FilterRule.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/StatsStaxUnmarshaller.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/ServerSideEncryptionByDefaultStaxUnmarshaller.java  
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jar/com/amazonaws/services/s3/internal/eventstreaming/Header.java  
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jar/com/amazonaws/services/s3/internal/eventstreaming/HeaderValue.java  
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jar/com/amazonaws/services/s3/internal/eventstreaming/Prelude.java  
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jar/com/amazonaws/services/s3/internal/eventstreaming/Checksums.java  
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jar/com/amazonaws/services/s3/internal/eventstreaming/Utils.java

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* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/AmazonS3EncryptionClientParamsWrapper.java  
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/AmazonS3EncryptionClientV2Builder.java  
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/AmazonS3EncryptionClientV2ParamsWrapper.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/ServerSideEncryptionResult.java  
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jar/com/amazonaws/services/s3/internal/DeleteObjectsResponse.java  
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jar/com/amazonaws/services/s3/internal/ObjectExpirationResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/CopyPartResult.java  
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jar/com/amazonaws/services/s3/transfer/internal/CopyMonitor.java  
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jar/com/amazonaws/services/s3/internal/ResponseHeaderHandlerChain.java  
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jar/com/amazonaws/services/s3/model/CORSRule.java  
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jar/com/amazonaws/services/s3/model/BucketCrossOriginConfiguration.java  
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jar/com/amazonaws/services/s3/S3Resource.java  
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jar/com/amazonaws/auth/policy/conditions/S3ConditionFactory.java  
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jar/com/amazonaws/services/s3/internal/crypto/IceEncryptionConstants.java  
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jar/com/amazonaws/services/s3/internal/IsSigV4RetryablePredicate.java  
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jar/com/amazonaws/services/s3/internal/SSEResultBase.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/RestoreRequestType.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/model/UploadResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/CompleteMultipartCopy.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/BucketNameUtils.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3RestoreOutputPathResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/AbstractHandler.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ownership/OwnershipControls.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/CompleteMultipartUploadResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/S3ResourceType.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ProgressListener.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyPartRequestFactory.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/Metrics.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/MultipartUpload.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/TransferProgressUpdatingListener.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyPartCallable.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/DualstackEndpointBuilder.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ReplicationTimeStatus.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/OutputSerialization.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/LegacyS3ProgressListener.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/AmazonS3Exception.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/CompleteMultipartUpload.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/S3BucketResource.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/Copy.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/PolicyStatus.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/InitiateMultipartUploadRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/FileHeaderInfo.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/PartETag.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3QueryStringSigner.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/CryptoStorageMode.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/CopyObjectRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/UploadImpl.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ProgressEvent.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/CannedAccessControlList.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/S3AccessPointResource.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/InputSubstream.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetPublicAccessBlockRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/VersionListing.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/AbortMultipartUploadRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/auth/policy/actions/S3Actions.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/InitiateMultipartUploadResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ReplicationTimeValue.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/Encryption.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/MultipartUploadListing.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ownership/ObjectOwnership.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/Transfer.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3RestoreOutputPathHeaderHandler.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/TransferManagerUtils.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3XmlResponseHandler.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/UploadPartCallable.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetPublicAccessBlockResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/S3ClientOptions.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3VersionHeaderHandler.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/transform/MetricsPredicateVisitorImpl.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/RegionalEndpointsOptionResolver.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/CreateBucketRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/MetadataEntry.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeletePublicAccessBlockResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/ObjectTaggingProvider.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/OutputLocation.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListMultipartUploadsRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/UploadPartRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ObjectMetadata.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/auth/policy/resources/S3ObjectResource.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/S3ObjectResource.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListObjectsRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ownership/OwnershipControlsRule.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetRequestPaymentConfigurationRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/EncryptionMaterials.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/S3ErrorResponseHandler.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/S3ArnConverter.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ListBucketsRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/StorageClass.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/RestoreObjectResult.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/S3Location.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ReplicationTime.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyCallable.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/IllegalBucketNameException.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyImpl.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetObjectMetadataRequest.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/internal/AbstractS3ResponseHandler.java

```
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/DeletePublicAccessBlockRequest.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/AmazonS3.java
* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/model/QuoteFields.java
```

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```

```
*/
```

```
/**
```

```
* Synchronous client for accessing Amazon S3.
```

```
*
```

```
* <h1>Appendix: Amazon S3 client-side encryption meta information</h1>
```

```
*
```

```
* <h2>Introduction</h2>
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```
* <p>
```

```
* This appendix summarizes the current crypto related meta information
```

```
* associated with an S3 object encrypted using SDK client-side encryption. In
```

```
* SDK's terminology, these meta information are classified as "user metadata".
```

```
* In general, the meta information is just a map of key/value pairs. Physically
```

```
* they are persisted either as metadata of the encrypted S3 object, or as a
```

```
* separate S3 object called an "instruction file" (which is just a JSON file in
```

```
* plaintext.) For all references to the Cipher Algorithm Names, Modes, and Padding,
```

```
* such as "AES/GCM/NoPadding", please refer to Oracle's a
```

```
* >Java&trade; Cryptography Architecture Standard Algorithm Name Documentation</a>
```

```
* for more details.
```

```
*
```

```
* <h2>S3 metadata vs instruction file</h2>
```

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* <p>
```

```
* Note when a key/value pair is stored as "user metadata" as part of the S3
```

```
* metadata, the SDK always adds an additional prefix of <b>x-amz-meta-</b> to
```

```
* the key name. In contrast, the SDK doesn't add any prefix when the key names
```

```
* are stored in an instruction file. (The reason has to do with how the http
```

```
* headers are handled.)
```

\* <p>

\* For example, <b>x-amz-key</b> would get stored as <b>x-amz-meta-x-amz-key</b>

\* in S3 metadata. In contrast, <b>x-amz-key</b> would simply be stored as is

\* (ie without the prefix) in an instruction file. All the keys described below

\* are considered "user metadata" by the SDK.

\*

\* <h2>S3 1st gen crypto meta information</h2>

\* <p>

\* For non-KMS client side encryption, this crypto meta information is used

\* to support the "Encryption Only" crypto mode (which involves the use of

\* <code>AES/CBC/PKCS5Padding</code> for content encryption, and

\* <code>AES/ECB</code> for encrypting the one-time randomly generated data

\* key). For KMS client-side encryption, the 2nd gen crypto meta information is used.

\* <h3>Scope</h3>

\* This metadata can only be generated when encrypting using the V1 encryption client,

\* { @link com.amazonaws.services.s3.AmazonS3EncryptionClient }, but can be interpreted (decrypted) by

\* { @link com.amazonaws.services.s3.AmazonS3EncryptionClientV2 }.

\* The format is also known as v1 metadata, but because there are now v1 and v2 clients,

\* the term v1 metadata is confusing.

\* <p>

\* <b>Encryption:</b> { @link com.amazonaws.services.s3.AmazonS3EncryptionClient }, crypto mode

EncryptionOnly<br>

\* <b>Decryption:</b> { @link com.amazonaws.services.s3.AmazonS3EncryptionClient }, crypto mode

EncryptionOnly or

\* { @link com.amazonaws.services.s3.AmazonS3EncryptionClientV2 }, crypto mode AuthenticationOnly

\* <p>

\* <h3>Metadata</h3>

\* <table border=1>

\* <tr aligned="left">

\* <th>key</th>

\* <th>description</th>

\* </tr>

\* <tr>

\* <td width="200"><b>x-amz-key</b></td>

\* <td>Content encrypting key (cek) in encrypted form, base64 encoded. The cek

\* is randomly generated per S3 object, and is always an AES 256-bit key. The

\* corresponding cipher is always "AES/CBC/PKCS5Padding".</td>

\* </tr>

\* <tr>

\* <td><b>x-amz-iv</b></td>

\* <td>Randomly generated IV (per S3 object), base64 encoded</td>

\* </tr>

\* <tr>

\* <td><b>x-amz-matdesc </b></td>

\* <td>Customer provided material description in JSON (UTF8) format. Used to

\* identify the client-side master key (ie used to encrypt/wrap the generated

\* content encrypting key).</td>

\* </tr>

```

* <tr>
* <td><b>x-amz-unencrypted-content-length</b></td>
* <td>Unencrypted content length (optional but should be specified whenever
* possible).</td>
* </tr>
* </table>
* <p>
* <h2>S3 2nd gen crypto meta information</h2>
* <p>
* This crypto meta information is used to support both authenticated
* encryption (which involves the use of <code>AES/GCM/NoPadding</code> for
* content encryption, and key wrapping for the one-time randomly generated data
* key), and KMS client-side encryption (which can either be encryption-only or
* authenticated encryption).
* <h3>Scope</h3>
* 2nd gen metadata can be generated/encrypted by both the V1 and V2 encryption clients.
* The format is also known as v2 metadata, but this is confusing since the V1 client also generates
* 2nd gen metadata in the AuthenticatedEncryption and StrictAuthenticatedEncryption modes.
* <p>
* <b>Encryption:</b> { @link com.amazonaws.services.s3.AmazonS3EncryptionClient}/
* { @link com.amazonaws.services.s3.AmazonS3EncryptionClient}, crypto modes AuthenticatedEncryption and
* StrictAuthenticatedEncryption<br>
* <b>Decryption:</b> { @link com.amazonaws.services.s3.AmazonS3EncryptionClient}, all crypto modes, or
* { @link com.amazonaws.services.s3.AmazonS3EncryptionClientV2}, crypto modes AuthenticatedEncryption and
* StrictAuthenticatedEncryption.
* <p>
* <b>Note:</b>
* While the V1 client can both generate and interpret 2nd gen metadata, it cannot decrypt any object encrypted
* using the V2 client, because the values of <b>x-amz-wrap-alg</b> differ.
* <p>
* <h3>Metadata used the same way by V1 and V2 clients</h3>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <tr>
* <td width="200"><b>x-amz-key-v2</b></td>
* <td>CEK in key wrapped form. This is necessary so that the S3 encryption
* client that doesn't recognize the v2 format will not mistakenly decrypt S3
* object encrypted in v2 format.</td>
* </tr>
* <tr>
* <td><b>x-amz-iv</b></td>
* <td>Randomly generated IV (per S3 object), base64 encoded. (Same as v1.)</td>
* </tr>
* <td><b>x-amz-unencrypted-content-length</b></td>
* <td>Unencrypted content length. (optional but should be specified whenever

```

```

* possible. Same as v1.)</td>
* </tr>
* <tr>
* <td><b>x-amz-tag-len</b></td>
* <td>Tag length (in bits) when AEAD is in use.
* <ul>
* <li>Only applicable if AEAD is in use. This meta information is absent
* otherwise, or if KMS is in use.</li>
* <li>Supported value: <code>"128"</code></li>
* </ul>
* </td>
* </tr>
* </table>
* <h3>Metadata using V1 client</h3>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <td><b>x-amz-matdesc</b></td>
* <td>Customer provided material description in JSON format. (Same as v1). Used
* to identify the client-side master key.
* <ul>
* <li>For KMS client side encryption, the KMS Customer Master Key ID is stored
* as part of the material description, <b>x-amz-matdesc</b>, under the key-name
* <code>"kms_cmk_id"</code>.</li>
* </ul>
* </td>
* </tr>
* <tr>
* <td><b>x-amz-wrap-alg</b></td>
* <td>Key wrapping algorithm used.
* <ul>
* <li>Supported values:
* <code>"AESWrap", "RSA/ECB/OAEPWithSHA-256AndMGF1Padding", "kms"</code></li>
* <li>No standard key wrapping is used if this meta information is absent</li>
* <li>Always set to <b>"kms"</b> if KMS is used for client-side encryption</li>
* </ul>
* </td>
* </tr>
* <tr>
* <td><b>x-amz-cek-alg</b></td>
* <td>Content encryption algorithm used.
* <ul>
* <li>Supported values:
* <code>"AES/GCM/NoPadding", "AES/CBC/PKCS5Padding"</code></li>
* <li>Default to <code>"AES/CBC/PKCS5Padding"</code> if this key is absent.</li>
* </ul>

```

```

* </td>
* </tr>
* </table>
* <h3>Metadata using V2 client</h3>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <tr>
* <td><b>x-amz-matdesc</b></td>
* <td>Customer provided material description in JSON format. (Same as v1). For KMS client side encryption,
* the cek algorithm is stored as part of the material description under the key-name <code>aws:x-amz-cek-
alg</code>.
* </td>
* </tr>
* <tr>
* <td><b>x-amz-wrap-alg</b></td>
* <td>Key wrapping algorithm used.
* <ul>
* <li>Supported values:
* <code>"AES/GCM/NoPadding" (symmetric default), "RSA-OAEP-SHA1", "RSA-OAEP-SHA1" (asymmetric
default), "kms"</code>
* </li>
* <li>No standard key wrapping is used if this meta information is absent</li>
* <li>Always set to <b>"kms"</b> if KMS is used for client-side encryption</li>
* </ul>
* </td>
* </tr>
* <tr>
* <td><b>x-amz-cek-alg</b></td>
* <td>Content encryption algorithm used. Supported values: <code>"AES/GCM/NoPadding"</code>
* </td>
* </tr>
* </table>
* <p>
* <h3>KMS Integration for client-side encryption</h3>
* <ol>
* <li>All client-side KMS protected S3 objects are stored in v2 crypto meta information
* format. However, the key wrapping algorithm, <b>x-amz-wrap-alg</b> is always
* set to <b>"kms"</b>.</li>
* <li>For V1 clients, the KMS Customer Master Key ID is currently stored as part of the
* material description, <b>x-amz-matdesc</b>, under the key-name
* <b>"kms_cm_k_id"</b>.</li>
* <li>For V2 clients, the KMS Customer Master Key ID is <b>not</b> stored as part of the
* material description and must be supplied by the decrypting client.</li>
* </ol>
* <p>

```

\* <h4>Sample S3 crypto meta information for KMS client-side encryption</h4>

\* <p>

\* <h5>V1 client, CryptoMode: EncryptionOnly</h5>

\*

\* <pre>

\* x-amz-meta-x-amz-key-v2:

\*

```
CiAJ2GqwpJRnt4izujwoalC2YdNRNSMEslG5rw3pEI+J8hKnAQEBAwB4CdhqsKSUZ7eIs7o8KGpQtmHTUTUj
BLJRua8N6RCPifIAAAB+MHwGCSqGSIB3DQEHBqBvMG0CAQAWaAYJKoZlHvcNAQcBMB4GCWCGSAFl
AwQBLjARBAyD0rzN3KHViWixDVcCARCAOwhZ6xA8rob3Z0mNx3uKFieHKVYIC/PKlchALvG1oVLnf86m
cZJNpTXtwMkKkDocVj3Z1zGjZTufFsOH
```

\* x-amz-iv: xqOHh+M6y0UogwG5SHJM3Q==

\* x-amz-unencrypted-content-length: 32768

\* x-amz-cek-alg: AES/CBC/PKCS5Padding

\* x-amz-wrap-alg: kms

\* x-amz-matdesc: {"kms\_cmek\_id":"d3fd2273-4ca0-4da5-b1c2-c89742ec6a26"}

\* </pre>

\*

\* <h5>V1 client, CryptoMode: AuthenticatedEncryption/StrictAuthenticatedEncryption</h5>

\*

\* <pre>

\* x-amz-key-v2:

```
CiAJ2GqwpJRnt4izujwoalC2YdNRNSMEslG5rw3pEI+J8hKnAQEBAwB4CdhqsKSUZ7eIs7o8KGpQtmHTUTUj
BLJRua8N6RCPifIAAAB+MHwGCSqGSIB3DQEHBqBvMG0CAQAWaAYJKoZlHvcNAQcBMB4GCWCGSAFl
AwQBLjARBAytFVYw4I6QmwcPK1ECARCAO1VzoM6KxA9DHyNMm/BEbbjle2vLA7IY7f9OkUoSqrDxgKxp
NID9QaL/7928m1Djtd0bJpHefjm89C
```

\* x-amz-iv: VZBksyij6DhrUMye

\* x-amz-unencrypted-content-length: 32768

\* x-amz-cek-alg: AES/GCM/NoPadding

\* x-amz-wrap-alg: kms

\* x-amz-matdesc: {"kms\_cmek\_id":"d3fd2273-4ca0-4da5-b1c2-c89742ec6a26"}

\* x-amz-tag-len: 128

\* </pre>

\*

\* <h5>V2 client, CryptoMode: AuthenticatedEncryption/StrictAuthenticatedEncryption</h5>

\*

\* <pre>

\* x-amz-key-v2:

```
CiAJ2GqwpJRnt4izujwoalC2YdNRNSMEslG5rw3pEI+J8hKnAQEBAwB4CdhqsKSUZ7eIs7o8KGpQtmHTUTUj
BLJRua8N6RCPifIAAAB+MHwGCSqGSIB3DQEHBqBvMG0CAQAWaAYJKoZlHvcNAQcBMB4GCWCGSAFl
AwQBLjARBAytFVYw4I6QmwcPK1ECARCAO1VzoM6KxA9DHyNMm/BEbbjle2vLA7IY7f9OkUoSqrDxgKxp
NID9QaL/7928m1Djtd0bJpHefjm89C
```

\* x-amz-iv: VZBksyij6DhrUMye

\* x-amz-unencrypted-content-length: 32768

\* x-amz-cek-alg: AES/GCM/NoPadding

\* x-amz-wrap-alg: kms

\* x-amz-matdesc: {"aws:x-amz-cek-alg":"AES/GCM/NoPadding"}

\* x-amz-tag-len: 128

```

* </pre>
*
* <h2>S3 metadata of an instruction file</h2>
* <p>
* The following key is always included as part of the S3 metadata of the
* instruction file (which is just an S3 object). Since the SDK treats this key
* as "user metadata", the key name is always prefixed with <b>x-amz-meta-</b>
* when physically stored.
* <p>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <tr>
* <td width="200"><b>x-amz-crypto-instr-file</b></td>
* <td>the presence of this key is used to indicate this S3 object is an
* instruction file (of an associated client-side encrypted S3 object).</td>
* </tr>
* </table>
*/

```

Found in path(s):

```

* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
jar/com/amazonaws/services/s3/package-info.java

```

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```

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```

```

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```

Found in path(s):

```

* /opt/cola/permits/1261985982_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-
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```

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```

/*

```

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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/Download.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/iterable/S3Versions.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/iterable/S3Objects.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/StaticEncryptionMaterialsProvider.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/transfer/internal/DownloadImpl.java  
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\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/SetBucketEncryptionResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-  
jar/com/amazonaws/services/s3/model/DeleteMarkerReplication.java

\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketEncryptionResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SetBucketEncryptionRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/ServerSideEncryptionS3.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SourceSelectionCriteria.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/ServerSideEncryptionKMS.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryEncryption.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SseKmsEncryptedObjects.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ReplicaModificationsStatus.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ServerSideEncryptionRule.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteBucketEncryptionRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ReplicaModifications.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/EncryptionConfiguration.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/DeleteMarkerReplicationStatus.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ServerSideEncryptionConfiguration.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ExistingObjectReplication.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketEncryptionResult.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ServerSideEncryptionByDefault.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/GetBucketEncryptionRequest.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/ExistingObjectReplicationStatus.java  
\* /opt/cola/permits/1261985982\_1643339959.71/0/aws-java-sdk-s3-1-12-57-sources-jar/com/amazonaws/services/s3/model/SseKmsEncryptedObjectsStatus.java

## 1.295 thymeleaf-extras-java8time

### 3.0.4.RELEASE

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Manifest-Version: 1.0

Automatic-Module-Name: org.yaml.snakeyaml

Bnd-LastModified: 1662999552851

Build-Jdk-Spec: 1.8

Bundle-Description: YAML 1.1 parser and emitter for Java

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Bundle-ManifestVersion: 2

Bundle-Name: SnakeYAML

Bundle-SymbolicName: org.yaml.snakeyaml

Bundle-Version: 1.32.0

Created-By: Apache Maven Bundle Plugin 5.1.8

Export-Package: org.yaml.snakeyaml;version="1.32",org.yaml.snakeyaml.comments;version="1.32",org.yaml.snakeyaml.composer;version="1.32",org.yaml.snakeyaml.constructor;version="1.32",org.yaml.snakeyaml.emitter;version="1.32",org.yaml.snakeyaml.env;version="1.32",org.yaml.snakeyaml.error;version="1.32",org.yaml.snakeyaml.events;version="1.32",org.yaml.snakeyaml.extensions.compactnotation;version="1.32",org.yaml.snakeyaml.introspector;version="1.32",org.yaml.snakeyaml.nodes;version="1.32",org.yaml.snakeyaml.parser;version="1.32",org.yaml.snakeyaml.reader;version="1.32",org.yaml.snakeyaml.representer;version="1.32",org.yaml.snakeyaml.resolver;version="1.32",org.yaml.snakeyaml.scanner;version="1.32",org.yaml.snakeyaml.serializer;version="1.32",org.yaml.snakeyaml.tokens;version="1.32",org.yaml.snakeyaml.util;version="1.32"

Import-Package: org.yaml.snakeyaml;version="[1.32,2)",org.yaml.snakeyaml.comments;version="[1.32,2)",org.yaml.snakeyaml.composer;version="[1.32,2)",org.yaml.snakeyaml.emitter;version="[1.32,2)",org.yaml.snakeyaml.error;version="[1.32,2)",org.yaml.snakeyaml.events;version="[1.32,2)",org.yaml.snakeyaml.introspector;version="[1.32,2)",org.yaml.snakeyaml.nodes;version="[1.32,2)",org.yaml.snakeyaml.parser;version="[1.32,2)",org.yaml.snakeyaml.reader;version="[1.32,2)",org.yaml.snakeyaml.resolver;version="[1.32,2)",org.yaml.snakeyaml.scanner;version="[1.32,2)",org.yaml.snakeyaml.serializer;version="[1.32,2)",org.yaml.snakeyaml.tokens;version="[1.32,2)"

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"

Tool: Bnd-6.3.1.202206071316

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## 1.299 tre 0.8.0

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\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/DateFormatter.java  
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\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/CompressionUtil.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/ByteBufChecksum.java

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\* Utility class for {@link ByteBuf} that encodes and decodes to and from  
\* [Base64](https://en.wikipedia.org/wiki/Base64) notation.

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\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/GzipOptions.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/ZstdOptions.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/BrotliOptions.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/CompressionOptions.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/ZstdEncoder.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/ZstdConstants.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/BrotliDecoder.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/BrotliEncoder.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Brotli.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Zstd.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/DeflateOptions.java

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Found in path(s):

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-

jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/UnsupportedValueConverter.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/HeadersUtils.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/ProtocolDetectionState.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/ProtocolDetectionResult.java  
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\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2Rand.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/Bzip2Constants.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Crc32.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Lz4Constants.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/MessageAggregationException.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/LzfEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/json/JsonObjectDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/FastLz.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BitReader.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/LzfDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/json/package-info.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/DecoderResultProvider.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Decoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/AsciiHeadersEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Encoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java  
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Found in path(s):

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/compression/Lz4XXHash32.java  
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/\*\*

\* A decoder that splits the received {@link ByteBuf}s dynamically by the  
\* value of the length field in the message. It is particularly useful when you  
\* decode a binary message which has an integer header field that represents the  
\* length of the message body or the whole message.

\* <p>

\* { @link LengthFieldBasedFrameDecoder } has many configuration parameters so  
 \* that it can decode any message with a length field, which is often seen in  
 \* proprietary client-server protocols. Here are some example that will give  
 \* you the basic idea on which option does what.

\*

\* **2 bytes length field at offset 0, do not strip header**

\*

\* The value of the length field in this example is `12 (0x0C)` which  
 \* represents the length of "HELLO, WORLD". By default, the decoder assumes  
 \* that the length field represents the number of the bytes that follows the  
 \* length field. Therefore, it can be decoded with the simplistic parameter  
 \* combination.

\*

\* `lengthFieldOffset` = `0`

\* `lengthFieldLength` = `2`

\* `lengthAdjustment` = `0`

\* `initialBytesToStrip` = `0` (= do not strip header)

\*

\* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)

\* +-----+-----+      +-----+-----+

\* | Length | Actual Content |---->| Length | Actual Content |

\* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |

\* +-----+-----+      +-----+-----+

\*

\*

\* **2 bytes length field at offset 0, strip header**

\*

\* Because we can get the length of the content by calling  
 \* { @link ByteBuf#readableBytes() }, you might want to strip the length  
 \* field by specifying `initialBytesToStrip`. In this example, we  
 \* specified `2`, that is same with the length of the length field, to  
 \* strip the first two bytes.

\*

\* `lengthFieldOffset` = `0`

\* `lengthFieldLength` = `2`

\* `lengthAdjustment` = `0`

\* `initialBytesToStrip` = `2` (= the length of the Length field)

\*

\* BEFORE DECODE (14 bytes)      AFTER DECODE (12 bytes)

\* +-----+-----+      +-----+

\* | Length | Actual Content |---->| Actual Content |

\* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |

\* +-----+-----+      +-----+

\*

\*

\* **2 bytes length field at offset 0, do not strip header, the length field**

\* represents the length of the whole message

\*

\* In most cases, the length field represents the length of the message body  
 \* only, as shown in the previous examples. However, in some protocols, the  
 \* length field represents the length of the whole message, including the  
 \* message header. In such a case, we specify a non-zero  
 \* `<tt>lengthAdjustment</tt>`. Because the length value in this example message  
 \* is always greater than the body length by `<tt>2</tt>`, we specify `<tt>-2</tt>`  
 \* as `<tt>lengthAdjustment</tt>` for compensation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
*
```

\* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)

```
* +-----+-----+-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |   | 0x000E | "HELLO, WORLD" |
* +-----+-----+-----+-----+
```

```
* </pre>
```

\* **<h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>**

\* The following message is a simple variation of the first example. An extra  
 \* header value is prepended to the message. `<tt>lengthAdjustment</tt>` is zero  
 \* again because the decoder always takes the length of the prepended data into  
 \* account during frame length calculation.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
```

\* BEFORE DECODE (17 bytes)      AFTER DECODE (17 bytes)

```
* +-----+-----+-----+-----+
* | Header 1 | Length | Actual Content |---->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |   | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+-----+
```

```
* </pre>
```

\* **<h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>**

\* This is an advanced example that shows the case where there is an extra  
 \* header between the length field and the message body. You have to specify a  
 \* positive `<tt>lengthAdjustment</tt>` so that the decoder counts the extra  
 \* header into the frame length calculation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
```

```

* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)           AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | Length | Header 1 | Actual Content |-----| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" | | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>

```

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,  
\* strip the first header field and the length field</h3>

\* This is a combination of all the examples above. There are the prepended  
\* header before the length field and the extra header after the length field.  
\* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra  
\* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero  
\* <tt>initialBytesToStrip</tt> to strip the length field and the prepended  
\* header from the frame. If you don't want to strip the prepended header, you  
\* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.

```

* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
*
* BEFORE DECODE (16 bytes)           AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |-----| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>

```

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,  
\* strip the first header field and the length field, the length field  
\* represents the length of the whole message</h3>

\* Let's give another twist to the previous example. The only difference from  
\* the previous example is that the length field represents the length of the  
\* whole message instead of the message body, just like the third example.  
\* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.  
\* Please note that we don't need to take the length of HDR2 into account  
\* because the length field already includes the whole header length.

```

* <pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>

```

```

*
* BEFORE DECODE (16 bytes)           AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+-----+ +-----+-----+
* </pre>
* @see LengthFieldPrepender
*/

```

Found in path(s):

```

* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/xml/XmlFrameDecoder.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/compression/Crc32c.java

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\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/CharSequenceValueConverter.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/ValueConverter.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/DefaultHeadersImpl.java

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\* Enumeration of supported Base64 dialects.

\* <p>

\* The internal lookup tables in this class has been derived from

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\* Base64 Encoder/Decoder</a>.

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\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/base64/Base64Dialect.java

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Found in path(s):

```
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/DecoderException.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/MessageToMessageCodec.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/Delimiters.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/xml/package-info.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/compression/DecompressionException.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/compression/ZlibUtil.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /opt/cola/permits/1345091957_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-
```

jar/io/netty/handler/codec/ByteToMessageCodec.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/package-info.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/LineBasedFrameDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/string/package-info.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/ObjectDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/SoftReferenceMap.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/JZlibEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/bytes/package-info.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/ZlibWrapper.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/ClassResolver.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/ReferenceMap.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/MessageToMessageEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/TooLongFrameException.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/CompressionException.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/string/StringDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/ZlibDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/ReplayingDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-

jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/ObjectEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/ClassResolvers.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/ZlibEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/Snappy.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/base64/Base64Decoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/PrematureChannelClosureException.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/MarshallerProvider.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/DecoderResult.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/EncoderException.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/CodecException.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/string/StringEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/MessageToByteEncoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/package-info.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/MessageToMessageDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/CorruptedFrameException.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/protobuf/package-info.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-

jar/io/netty/handler/codec/UnsupportedMessageTypeException.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/LimitingByteInput.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/base64/package-info.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/WeakReferenceMap.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/LengthFieldPrepender.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/JZlibDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/ByteToMessageDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/package-info.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/MessageAggregator.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/serialization/package-info.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-  
jar/io/netty/handler/codec/FixedLengthFrameDecoder.java  
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Found in path(s):

\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/EmptyHeaders.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/DefaultHeaders.java  
\* /opt/cola/permits/1345091957\_1655309079.3811572/0/netty-codec-4-1-77-final-sources-1-jar/io/netty/handler/codec/Headers.java

# 1.301 httpclient5 5.1.3

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# 1.302 statistics 2.1

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# 1.303 nimbus-jose-jwt 9.23

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```
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/jwk/source/JWKSecurityContextJWKSet.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/crypto/impl/ECDHCCryptoProvider.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/proc/JOSEObjectTypeVerifier.java
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- \* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/Ed25519Verifier.java
- \* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/Base64Codec.java
- \* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/Ed25519Signer.java
- \* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/X25519Decrypter.java
- \* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/JWKSet.java

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- \* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/factories/DefaultJWSSignerFactory.java

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jar/com/nimbusds/jose/crypto/ECDH1PUEncrypter.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/crypto/impl/ECDH1PU.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/crypto/ECDH1PUX25519Decrypter.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/crypto/ECDH1PUX25519Encrypter.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/JSONSerializable.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/crypto/impl/ECDH1PUCryptoProvider.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/mint/package-info.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/util/Pair.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/crypto/impl/XC20P.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/JWSObjectJSON.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-  
jar/com/nimbusds/jose/crypto/ECDH1PUDecrypter.java

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* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/crypto/bc/BouncyCastleFIPSProviderSingleton.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/crypto/bc/package-info.java
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* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/proc/JWEDecrypterFactory.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/KeyTypeException.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/util/package-info.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/crypto/ECDSASigner.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
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* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jwt/proc/ConfigurableJWTProcessor.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/proc/JOSEProcessor.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
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* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jwt/proc/BadJWTException.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/crypto/MACSigner.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/crypto/PasswordBasedDecrypter.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/RemoteKeySourceException.java
```

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/ECDSAVerifier.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/RSAKey.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/JWEKeySelector.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JOSEObject.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JWSHeader.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JWECryptoParts.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/JWTClaimsSetTransformer.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/proc/ClockSkewAware.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/BadJOSEException.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/JWTClaimsSet.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/proc/DefaultJWTClaimsVerifier.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/EncryptionMethod.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jca/package-info.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/JWTParser.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/source/RemoteJWKSet.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/BadJWEException.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/JWK.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/Requirement.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/RSASSAVerifier.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/PlainObject.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/package-info.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/ThumbprintUtils.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/KeyConverter.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/RSASSASigner.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/JWKMetadata.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/ECKKey.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/PlainHeader.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/proc/package-info.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/BigIntegerUtils.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/source/JWKSSource.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JWSObject.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JWEDecrypter.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/factories/DefaultJWSVerifierFactory.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/KeySourceException.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/package-info.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/CommonSEHeader.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/BadJWSException.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/DirectDecrypter.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/AsymmetricJWK.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jca/JCASupport.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/Base64URL.java

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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/ECPParameterTable.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/DeflateUtils.java

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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jca/JWEJCAContext.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/X25519Encrypter.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/JOSEMatcher.java

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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/PayloadTransformer.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/AESDecrypter.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/source/ImmutableJWKSet.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/JSONArrayUtils.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/KeyUse.java

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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JOSEObjectType.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JOSEObjectJSON.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/JSONObjectUtils.java

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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/RSADecrypter.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/MACVerifier.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jca/JCAContext.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/proc/JWTClaimsSetVerifier.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/PlainJWT.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/Header.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JWSVerifier.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/ConfigurableJOSEProcessor.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/RSAEncrypter.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jca/JCAAware.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/JWKSelector.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/DefaultResourceRetriever.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/proc/JWTProcessor.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/proc/JWTProcessorConfiguration.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JWSAlgorithm.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jwt/SignedJWT.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/JWSVerifierFactory.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/SecretJWK.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/RestrictedResourceRetriever.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JWSProvider.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/SimpleSecurityContext.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JWEEncrypter.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/AbstractRestrictedResourceRetriever.java

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```
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jar/com/nimbusds/jose/crypto/impl/package-info.java
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jar/com/nimbusds/jose/util/IOUtils.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/crypto/impl/LegacyAESGCM.java
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jar/com/nimbusds/jose/crypto/impl/BaseJWEProvider.java
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jar/com/nimbusds/jose/jwk/source/DefaultJWKSetCache.java
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jar/com/nimbusds/jose/crypto/impl/AESKW.java
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jar/com/nimbusds/jose/crypto/impl/LegacyConcatKDF.java
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jar/com/nimbusds/jose/crypto/impl/AlgorithmSupportMessage.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/crypto/impl/RSAPKeyUtils.java
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jar/com/nimbusds/jwt/proc/JWTClaimsSetAwareJWSKeySelector.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/IllegalHeaderException.java
* /opt/cola/permits/1346018758_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-
jar/com/nimbusds/jose/crypto/impl/RSASSAProvider.java
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/IntegerOverflowException.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/gen/OctetSequenceKeyGenerator.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/ActionRequiredForJWSCompletionException.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/ECDSAProvider.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/OctetKeyPair.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/BaseJWSProvider.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/PBKDF2.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/package-info.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/AESCBC.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/BoundedInputStream.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/gen/ECKKeyGenerator.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/CriticalHeaderParamsDeferral.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/JSONStringUtils.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/PasswordBasedCryptoProvider.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/Container.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/DirectCryptoProvider.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/PEMEncodedKeyParser.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/AESCryptoProvider.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/DefaultJOSEObjectTypeVerifier.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/JWKSecurityContext.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/CompletableJWSObjectSigning.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/gen/RSAKeyGenerator.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/ConstantTimeUtils.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/JWKException.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/EdDSAProvider.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/OptionUtils.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/AESGCMKW.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/ECDSA.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/HMAC.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/KeyUseAndOpsConsistency.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/produce/JWSSignerFactory.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/AuthenticatedCipherText.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/AESEncrypter.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/CurveBasedJWK.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/AllowWeakRSAKey.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/PRFParams.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/DeflateHelper.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/opts/UserAuthenticationRequired.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/JWSSignerOption.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/ThumbprintURI.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/AlgorithmParametersHelper.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/gen/JWKGenerator.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/source/JWKSetCache.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/ConcatKDF.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/ECDH.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/RSA\_OAEP\_SHA2.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/RSA1\_5.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/HeaderValidation.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/util/KeyUtils.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/impl/package-info.java  
\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/produce/package-info.java  
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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/gen/OctetKeyPairGenerator.java

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\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/JWEDecryptionKeySelector.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/JWSVerificationKeySelector.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/DefaultJOSEProcessor.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/JOSEProcessorConfiguration.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/proc/JWSAlgorithmFamilyJWSKeySelector.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/jwk/JWKMatcher.java

\* /opt/cola/permits/1346018758\_1655395483.0758605/0/nimbus-jose-jwt-9-23-sources-1-jar/com/nimbusds/jose/crypto/ECDHEncrypter.java

## 1.304 springfox-spi 2.9.2

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\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/RequestMappingContext.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/ParameterExpansionContext.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/contexts/ModelContext.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/ParameterContext.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/OperationModelContextsBuilder.java  
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\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/RequestHandlerCombiner.java  
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\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/OperationContext.java

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\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/service/PathDecorator.java

\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/ApiListingBuilderPlugin.java

\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/OperationModelsProviderPlugin.java

\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/ApiSelector.java

\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/TypeNameProviderPlugin.java

\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/DocumentationContext.java

\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/service/PathAdjuster.java

\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/ParameterBuilderPlugin.java

\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-

jar/springfox/documentation/spi/schema/AlternateTypeProvider.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/DocumentationType.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/contexts/Defaults.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/ExpandedParameterBuilderPlugin.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/OperationBuilderPlugin.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/schema/EnumTypeDeterminer.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/contexts/PathContext.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/contexts/ApiListingContext.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/contexts/SecurityContext.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/contexts/SecurityContextBuilder.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/ResourceGroupingStrategy.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/schema/GenericTypeNamingStrategy.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/schema/ModelPropertyBuilderPlugin.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/schema/contexts/ModelPropertyContext.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/DefaultsProviderPlugin.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/schema/ModelBuilderPlugin.java  
\* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-  
jar/springfox/documentation/spi/service/DocumentationPlugin.java  
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jar/springfox/documentation/spi/service/RequestHandlerProvider.java  
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- \* /opt/cola/permits/1177939641\_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/SyntheticModelProviderPlugin.java

## 1.305 java-client 4.1.7

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 * <p>
 * This produces exactly the same hash values as the final C++
 * version of MurmurHash3 and is thus suitable for producing the same hash values across
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 * The 32 bit x86 version of this hash should be the fastest variant for relatively short keys like ids.
 * murmurhash3_x64_128 is a good choice for longer strings or if you need more than 32 bits of hash.
 * <p>
 * Note - The x86 and x64 versions do not produce the same results, as the
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 * <p>
 * See http://github.com/yonik/java\_util for future updates to this file.
 */
```

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- \* /opt/cola/permits/1175530191\_1624405588.72/0/java-client-4-1-7-sources-jar/io/split/client/utills/MurmurHash3.java

## 1.306 giflib 5.2.1-r0

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# 1.307 gson 2.9.0

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jar/com/google/gson/ToNumberStrategy.java
* /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-
jar/com/google/gson/ToNumberPolicy.java
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jar/com/google/gson/internal/Streams.java
* /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-
jar/com/google/gson/JsonSyntaxException.java
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jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java
* /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-
jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java
* /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-
jar/com/google/gson/internal/bind/TypeAdapters.java
```

\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java  
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\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/TypeAdapterFactory.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/TypeAdapterFactory.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/bind/JsonTreeReader.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/bind/JsonTreeWriter.java  
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\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/ExclusionStrategy.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/Gson.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonPrimitive.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonIOException.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/reflect/TypeToken.java

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\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/annotations/Since.java  
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\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/FieldNamingStrategy.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonElement.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonDeserializer.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/InstanceCreator.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonArray.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonObject.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonDeserializationContext.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/annotations/SerializedName.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/FieldNamingPolicy.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonParseException.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/GsonBuilder.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonSerializer.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/Primitives.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonNull.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/annotations/Until.java  
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jar/com/google/gson/internal/JavaVersion.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-  
jar/com/google/gson/internal/PreJava9DateFormatProvider.java  
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jar/com/google/gson/stream/JsonToken.java  
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jar/com/google/gson/stream/JsonScope.java  
\* /opt/cola/permits/1331093984\_1653033295.598981/0/gson-2-9-0-sources-1-  
jar/com/google/gson/stream/MalformedJsonException.java  
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jar/com/google/gson/stream/JsonWriter.java  
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jar/com/google/gson/internal/bind/JsonAdapterAnnotationTypeAdapterFactory.java  
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- \* Alec Wysoker
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## 1.310 netty-resolver 4.1.77.Final

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```

Found in path(s):

```
* /opt/cola/permits/1345092004_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/NameResolver.java
* /opt/cola/permits/1345092004_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/cola/permits/1345092004_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/package-info.java
* /opt/cola/permits/1345092004_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/NoopAddressResolver.java
* /opt/cola/permits/1345092004_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/cola/permits/1345092004_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/AddressResolverGroup.java
```

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\* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/META-INF/maven/io.netty/netty-resolver/pom.xml

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\* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io.netty/resolver/RoundRobinInetAddressResolver.java

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\* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/ResolvedAddressTypes.java  
\* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/HostsFileEntries.java

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- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/CompositeNameResolver.java
- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/AddressResolver.java
- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/DefaultAddressResolverGroup.java
- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/InetSocketAddressResolver.java
- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/HostsFileParser.java
- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/AbstractAddressResolver.java
- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/HostsFileEntriesResolver.java
- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/DefaultNameResolver.java
- \* /opt/cola/permits/1345092004\_1655309070.0398376/0/netty-resolver-4-1-77-final-sources-1-jar/io/netty/resolver/InetNameResolver.java

## 1.311 snake-yaml 1.32

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\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/util/EnumUtils.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/MappingStartEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/ImplicitTuple.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/error/YAMLEException.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/StreamEndEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/WhitespaceToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/util/ArrayUtils.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/scanner/Scanner.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/emitter/EmitterState.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/constructor/ConstructorException.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/parser/ParserImpl.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/parser/Parser.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/reader/StreamReader.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/scanner/Constant.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/ScalarEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/constructor/Construct.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/emitter/Emitter.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/representer/Representer.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/representer/Represent.java

\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/NodeEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/CommentEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/DumperOptions.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/scanner/SimpleKey.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/nodes/CollectionNode.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/TagTuple.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/ScalarToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/introspector/BeanAccess.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/comments/CommentLine.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/emitter/Emitable.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/serializer/SerializerException.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/nodes/SequenceNode.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/nodes/AnchorNode.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/Token.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/AliasEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/nodes/NodeId.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/AnchorToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java

\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/KeyToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/nodes/ScalarNode.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/nodes/Tag.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/constructor/Constructor.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/TypeDescription.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/parser/Production.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/util/ArrayStack.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/composer/Composer.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/TagToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/introspector/Property.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/nodes/Node.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/DirectiveToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/resolver/Resolver.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/introspector/FieldProperty.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/ValueToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/comments/CommentType.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java

\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/serializer/Serializer.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/introspector/MethodProperty.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/reader/UnicodeReader.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/Yaml.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/scanner/ScannerException.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/nodes/NodeTuple.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/LoaderOptions.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/CommentToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/composer/ComposerException.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java  
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\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/AliasToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/Event.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/MappingEndEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/StreamStartEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java  
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\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/parser/ParserException.java

\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/error/Mark.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/nodes/MappingNode.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/util/UriEncoder.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java  
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\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/error/MarkedYAMLErrorException.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/introspector/MissingProperty.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/reader/ReaderException.java  
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\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java  
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/\*\*  
\* A Base64 encoder/decoder.

\*  
\* <p>  
\* This class is used to encode and decode data in Base64 format as described in RFC 1521.  
\*  
\* <p>  
\* Project home page: <a href="http://www.source-code.biz/base64coder/java/">www.  
\* source-code.biz/base64coder/java</a><br>  
\* Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>  
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\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java  
\* /opt/cola/permits/1501219078\_1670449894.682928/0/snakeyaml-1-32-sources-2-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java

# 1.312 swagger-annotations 2.2.0

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

The following artifacts are EPL and CDDL 1.0.

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

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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#### Oracle OpenJDK

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

\* java.sun.security.ssl

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

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

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#### OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

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#### Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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#### MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

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

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Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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# 1.314 metrics-spi 2.17.165

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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-

jar/io/netty/channel/socket/DuplexChannelConfig.java

\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-

jar/io/netty/channel/StacklessClosedChannelException.java

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jar/io/netty/channel/pool/AbstractChannelPoolHandler.java

\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-

jar/io/netty/channel/pool/ChannelHealthChecker.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/pool/ChannelPool.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/pool/FixedChannelPool.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/pool/ChannelPoolHandler.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/pool/SimpleChannelPool.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java  
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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/pool/AbstractChannelPoolMap.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/pool/ChannelPoolMap.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java  
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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/DefaultChannelId.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/DefaultChannelProgressivePromise.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/ChannelProgressivePromise.java  
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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/group/ChannelMatcher.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/ChannelProgressiveFuture.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/group/ChannelMatchers.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/ConnectTimeoutException.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/MessageSizeEstimator.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/ChannelOutboundBuffer.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/SimpleChannelInboundHandler.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/ChannelHandlerAdapter.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/DefaultMessageSizeEstimator.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/group/DefaultChannelGroup.java

```
* /opt/cola/permits/1345091977_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-
jar/io/netty/channel/AddressedEnvelope.java
* /opt/cola/permits/1345091977_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-
jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /opt/cola/permits/1345091977_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-
jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /opt/cola/permits/1345091977_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-
jar/io/netty/channel/DefaultAddressedEnvelope.java
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```

```
*/
```

```
/**
```

```
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its { @link ChannelPipeline }.
```

```
*
```

```
* <h3>Sub-types</h3>
```

```
* <p>
```

```
* { @link ChannelHandler } itself does not provide many methods, but you usually have to implement one of its
subtypes:
```

```
* <ul>
```

```
* <li>{ @link ChannelInboundHandler } to handle inbound I/O events, and</li>
```

```
* <li>{ @link ChannelOutboundHandler } to handle outbound I/O operations.</li>
```

```
* </ul>
```

```
* </p>
```

```
* <p>
```

```
* Alternatively, the following adapter classes are provided for your convenience:
```

```
* <ul>
```

```
* <li>{ @link ChannelInboundHandlerAdapter } to handle inbound I/O events,</li>
```

```
* <li>{ @link ChannelOutboundHandlerAdapter } to handle outbound I/O operations, and</li>
```

```
* <li>{ @link ChannelDuplexHandler } to handle both inbound and outbound events</li>
```

```
* </ul>
```

```
* </p>
```

```
* <p>
```

```
* For more information, please refer to the documentation of each subtype.
```

```

* </p>
*
* <h3>The context object</h3>
* <p>
* A { @link ChannelHandler } is provided with a { @link ChannelHandlerContext }
* object. A { @link ChannelHandler } is supposed to interact with the
* { @link ChannelPipeline } it belongs to via a context object. Using the
* context object, the { @link ChannelHandler } can pass events upstream or
* downstream, modify the pipeline dynamically, or store the information
* (using { @link AttributeKey }s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A { @link ChannelHandler } often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends { @link SimpleChannelInboundHandler } &lt; Message &gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     { @code @Override }
*     public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See { @link ChannelInitializer#initChannel(Channel) }.
* public class DataServerInitializer extends { @link ChannelInitializer } &lt; { @link Channel } &gt; {

```

```

*   { @code @Override }
*   public void initChannel({ @link Channel } channel) {
*       channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*   }
* }
*
* </pre>
*
* <h4>Using { @link AttributeKey }s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use { @link AttributeKey }s which is provided by
* { @link ChannelHandlerContext }:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* { @code @Sharable }
* public class DataServerHandler extends { @link SimpleChannelInboundHandler }&lt;Message&gt; {
*     private final { @link AttributeKey }&lt;{ @link Boolean }&gt;; auth =
*         { @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     { @code @Override }
*     public void channelRead({ @link ChannelHandlerContext } ctx, Message message) {
*         { @link Attribute }&lt;{ @link Boolean }&gt;; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
* }
* ...
* }
* </pre>
*
* Now that the state of the handler is attached to the { @link ChannelHandlerContext }, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer }&lt;{ @link Channel }&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
* }

```

```

*   { @code @Override }
*   public void initChannel({ @link Channel } channel) {
*       channel.pipeline().addLast("handler", <b>SHARED</b>);
*   }
* }
* </pre>
*
*
* <h4>The { @code @Sharable } annotation</h4>
* <p>
* In the example above which used an { @link AttributeKey },
* you might have noticed the { @code @Sharable } annotation.
* <p>
* If a { @link ChannelHandler } is annotated with the { @code @Sharable }
* annotation, it means you can create an instance of the handler just once and
* add it to one or more { @link ChannelPipeline }s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the { @link ChannelHandler }, and
* { @link ChannelPipeline } to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

```

Found in path(s):

\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/ChannelHandler.java

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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/nio/NioChannelOption.java

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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/ChannelOutputShutdownException.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java  
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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java  
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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java  
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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/PendingBytesTracker.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/bootstrap/FailedChannel.java

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Found in path(s):

- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/ServerSocketChannelConfig.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/CompleteChannelFuture.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/DefaultChannelPromise.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/oio/AbstractOioByteChannel.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/oio/OioSocketChannel.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/group/CombinedIterator.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/package-info.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/VoidChannelPromise.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/ChannelPipelineException.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/Channel.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/DefaultChannelConfig.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/socket/nio/NioDatagramChannel.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/embedded/package-info.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/EventLoop.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-jar/io/netty/channel/oio/AbstractOioMessageChannel.java
- \* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-

jar/io/netty/channel/ChannelPromiseAggregator.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/FixedRecvByteBufAllocator.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
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jar/io/netty/channel/oio/package-info.java  
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jar/io/netty/channel/socket/SocketChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/DefaultEventLoop.java  
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jar/io/netty/channel/ChannelPromise.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/socket/nio/NioServerSocketChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/socket/oio/package-info.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/group/DefaultChannelGroupFuture.java  
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jar/io/netty/channel/DefaultEventLoopGroup.java  
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jar/io/netty/channel/RecvByteBufAllocator.java  
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jar/io/netty/channel/ChannelException.java  
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jar/io/netty/channel/ChannelFuture.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/FileRegion.java  
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jar/io/netty/channel/socket/DefaultSocketChannelConfig.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/oio/OioEventLoopGroup.java  
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jar/io/netty/channel/ChannelOutboundHandler.java  
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jar/io/netty/channel/ChannelInboundHandler.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
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jar/io/netty/channel/socket/nio/package-info.java  
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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-

jar/io/netty/channel/embedded/EmbeddedSocketAddress.java  
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jar/io/netty/channel/oio/AbstractOioChannel.java  
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jar/io/netty/bootstrap/Bootstrap.java  
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jar/io/netty/channel/nio/AbstractNioMessageChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/group/package-info.java  
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jar/io/netty/channel/local/LocalChannelRegistry.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ChannelMetadata.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ChannelPromiseNotifier.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ChannelHandlerContext.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/DefaultChannelPipeline.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/AbstractServerChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/EventLoopException.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/SucceededChannelFuture.java  
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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
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jar/io/netty/channel/CombinedChannelDuplexHandler.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/nio/package-info.java  
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jar/io/netty/channel/ChannelInboundHandlerAdapter.java  
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jar/io/netty/channel/socket/DatagramPacket.java  
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jar/io/netty/channel/AbstractChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/group/ChannelGroupFuture.java  
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jar/io/netty/channel/socket/oio/OioDatagramChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/FailedChannelFuture.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ThreadPerChannelEventLoop.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/nio/AbstractNioChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
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jar/io/netty/channel/AbstractChannelHandlerContext.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/local/LocalEventLoopGroup.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/EventLoopGroup.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/embedded/EmbeddedChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/local/LocalServerChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/nio/NioEventLoopGroup.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ChannelInitializer.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ChannelFlushPromiseNotifier.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
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jar/io/netty/channel/local/package-info.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ChannelPipeline.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/socket/InternetProtocolFamily.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ChannelFutureListener.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/socket/DatagramChannelConfig.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/local/LocalChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-

jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
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jar/io/netty/bootstrap/ServerBootstrap.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/MultithreadEventLoopGroup.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/nio/AbstractNioByteChannel.java  
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jar/io/netty/channel/DefaultFileRegion.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/socket/ServerSocketChannel.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/bootstrap/package-info.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/package-info.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/nio/NioTask.java  
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\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/embedded/EmbeddedChannelId.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/AbstractEventLoop.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/PendingWriteQueue.java  
\* /opt/cola/permits/1345091977\_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ReflectiveChannelFactory.java

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* /opt/cola/permits/1345091977_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/ChannelFactory.java
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* /opt/cola/permits/1345091977_1655309071.7822323/0/netty-transport-4-1-77-final-sources-1-  
jar/io/netty/channel/AbstractCoalescingBufferQueue.java
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## 1.317 accessors-smart 1.1

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* /opt/cola/permits/1000738334_1651084663.26/0/accessors-smart-1-1-sources-
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jar/net/minidev/asm/BeansAccess.java

\* /opt/cola/permits/1000738334\_1651084663.26/0/accessors-smart-1-1-sources-jar/net/minidev/asm/Accessor.java

\* /opt/cola/permits/1000738334\_1651084663.26/0/accessors-smart-1-1-sources-

jar/net/minidev/asm/DynamicClassLoader.java

\* /opt/cola/permits/1000738334\_1651084663.26/0/accessors-smart-1-1-sources-jar/net/minidev/asm/ASMUtil.java

## 1.318 error\_prone\_annotations 2.11.0

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INF/maven/com.google.errorprone/error\_prone\_annotations/pom.xml

## 1.319 spring-security-web 5.6.7

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

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org.hibernate.jpamodelgen.JPAMetaModelEntityProcessor
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```
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\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/annotation/MetaAttributeGenerationVisitor.java

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\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/model/MetaSingleAttribute.java  
\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/xml/package-info.java  
\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/util/AccessType.java  
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\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/annotation/package-info.java  
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\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/util/FileTimeStampChecker.java  
\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/util/TypeUtils.java  
\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/util/AccessTypeInformation.java  
\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/model/MetaAttribute.java  
\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/model/MetaEntity.java  
\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/Version.java  
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\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/package-info.java  
\* /opt/cola/permits/1434600257\_1665030727.33014/0/hibernate-jpamodelgen-5-4-33-final-sources-1-jar/org/hibernate/jpamodelgen/xml/XmlMetaSingleAttribute.java

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## 1.325 libretls 3.3.4-r3

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## 1.326 aws-xml-protocol 2.17.186

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- \* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-jar/io/netty/handler/codec/http/HTTPHeaderValues.java
- \* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java
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ava  
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\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpMethod.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/websocketx/package-info.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspVersions.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-

jar/io/netty/handler/codec/rtsp/RtspObjectDecoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/LastHttpContent.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpObjectAggregator.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspResponseStatuses.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpClientCodec.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/spdy/SpdySession.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/DefaultLastHttpContent.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakerFactory.java  
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jar/io/netty/handler/codec/http/websocketx/WebSocketUtil.java  
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jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyHttpHeaders.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/multipart/HttpPostStandardRequestDecoder.java  
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jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
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jar/io/netty/handler/codec/http/HttpVersion.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpConstants.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-

jar/io/netty/handler/codec/http/HttpResponseDecoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
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\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/DefaultCookie.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpHeaders.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpHeaderDateFormat.java  
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jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameEncoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyHttpEncoder.java  
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jar/io/netty/handler/codec/http/multipart/MemoryAttribute.java  
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jar/io/netty/handler/codec/rtsp/RtspHeaders.java  
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jar/io/netty/handler/codec/http/QueryStringEncoder.java  
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jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java  
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jar/io/netty/handler/codec/http/websocketx/ContinuationWebSocketFrame.java  
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jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java  
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jar/io/netty/handler/codec/http/multipart/MixedAttribute.java  
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jar/io/netty/handler/codec/http/HttpMessage.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpContentDecompressor.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java  
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\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketVersion.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpResponseStatus.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java  
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jar/io/netty/handler/codec/http/multipart/package-info.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
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\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpRequestDecoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpContent.java  
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jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker00.java  
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jar/io/netty/handler/codec/http/DefaultHttpResponse.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketHandshakeException.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpContentCompressor.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpContent.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/HttpObjectEncoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspMethods.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspObjectEncoder.java  
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jar/io/netty/handler/codec/http/HttpResponse.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpHeaders.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-

jar/io/netty/handler/codec/http/HttpRequestEncoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
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\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/multipart/FileUpload.java  
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jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpObject.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/spdy/package-info.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/multipart/InternalAttribute.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
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jar/io/netty/handler/codec/http/package-info.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspResponseEncoder.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
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jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakeException.java

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jar/io/netty/handler/codec/http/websocketx/CorruptedWebSocketFrameException.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker00.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-  
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jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java  
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- \* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaders.java
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\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-jar/io/netty/handler/codec/http/cors/CorsConfig.java  
\* /opt/cola/permits/1501219067\_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-jar/io/netty/handler/codec/http/cors/CorsHandler.java  
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* /opt/cola/permits/1501219067_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-
jar/io/netty/handler/codec/http/multipart/FileUploadUtil.java
* /opt/cola/permits/1501219067_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java
* /opt/cola/permits/1501219067_1670451457.576679/0/netty-codec-http-4-1-82-final-sources-
jar/io/netty/handler/codec/http/HttpServerKeepAliveHandler.java
```

## 1.334 javax-ws-rs-api 2.1.1

## 1.335 spring-security-core 5.5.8

### 1.335.1 Available under license :

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/**
```

```

* Reviews the <code>Object</code> returned from a secure object invocation, being able to
* modify the <code>Object</code> or throw an {@link AccessDeniedException}.
* <p>
* Typically used to ensure the principal is permitted to access the domain object
* instance returned by a service layer bean. Can also be used to mutate the domain object
* instance so the principal is only able to access authorised bean properties or
* <code>Collection</code> elements.
* <p>
* Special consideration should be given to using an <code>AfterInvocationManager</code>
* on bean methods that modify a database. Typically an
* <code>AfterInvocationManager</code> is used with read-only methods, such as
* <code>public DomainObject getById(id)</code>. If used with methods that modify a
* database, a transaction manager should be used to ensure any
* <code>AccessDeniedException</code> will cause a rollback of the changes made by the
* transaction.
* </p>
*
* @author Ben Alex
*/

```

Found in path(s):

```

* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/access/intercept/AfterInvocationManager.java

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* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/jackson2/CoreJackson2Module.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/jackson2/SimpleGrantedAuthorityMixin.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/jackson2/UsernamePasswordAuthenticationTokenMixin.java

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\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/jackson2/AnonymousAuthenticationTokenMixin.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/jackson2/UserMixin.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/jackson2/UnmodifiableSetDeserializer.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/jackson2/UnmodifiableSetMixin.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/jackson2/RememberMeAuthenticationTokenMixin.java  
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- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/scheduling/DelegatingSecurityContextTaskScheduler.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/concurrent/DelegatingSecurityContextCallable.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/jackson2/UnmodifiableListMixin.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/Transient.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/token/KeyBasedPersistenceTokenService.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/jackson2/BadCredentialsExceptionMixin.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/provisioning/JdbcUserDetailsManager.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/authentication/DelegatingReactiveAuthenticationManager.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/jackson2/UnmodifiableListDeserializer.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/authorization/AuthorityReactiveAuthorizationManager.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/authentication/CachingUserDetailsService.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/concurrent/DelegatingSecurityContextRunnable.java

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jar/org/springframework/security/authorization/AuthenticatedAuthorizationManager.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/method/DefaultMethodSecurityExpressionHandler.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/session/AbstractSessionEvent.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/method/MethodSecurityEvaluationContext.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/authorization/AuthorizationManager.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/authentication/AbstractUserDetailsReactiveAuthenticationManager.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/session/SessionDestroyedEvent.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/session/SessionIdChangedEvent.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/session/SessionCreationEvent.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/authentication/ProviderManager.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/authorization/AuthorityAuthorizationManager.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/authentication/DefaultAuthenticationEventPublisher.java  
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jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyUtils.java  
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jar/org/springframework/security/core/annotation/CurrentSecurityContext.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/authentication/AuthenticationManagerResolver.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyImpl.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/converter/RsaKeyConverters.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/authentication/ReactiveAuthenticationManagerResolver.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/core/userdetails/UserDetailsPasswordService.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/access/expression/method/ExpressionBasedPreInvocationAdvice.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/authentication/UserDetailsRepositoryReactiveAuthenticationManager.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/authentication/event/LogoutSuccessEvent.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/core/token/SecureRandomFactoryBean.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
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- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/context/ReactiveSecurityContextHolder.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/SpringSecurityCoreVersion.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/userdetails/ReactiveUserDetailsService.java
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- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/authorization/AuthenticatedReactiveAuthorizationManager.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/userdetails/MapReactiveUserDetailsService.java

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jar/org/springframework/security/jackson2/UsernamePasswordAuthenticationTokenDeserializer.java

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\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-

jar/org/springframework/security/authentication/jaas/memory/InMemoryConfiguration.java

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 */
/**
 * Determines if the { @link #getAuthentication() } has permission to access the target
 * given the permission
 * @param target the target domain object to check permission on
 * @param permission the permission to check on the domain object (i.e. "read",
 * "write", etc).
 * @return true if permission is granted to the { @link #getAuthentication() }, else
 * false
 */
```

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```
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- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/userdetails/memory/UserAttribute.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/context/ThreadLocalSecurityContextHolderStrategy.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/util/InMemoryResource.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/GrantedAuthority.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/access/event/AuthenticationCredentialsNotFoundEvent.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/access/vote/RoleVoter.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/authentication/TestingAuthenticationProvider.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/authentication/InsufficientAuthenticationException.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/access/method/MethodSecurityMetadataSource.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/authentication/jaas/JaasAuthenticationToken.java
- \* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/authentication/BadCredentialsException.java
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\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/token/DefaultToken.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/intercept/aspectj/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/ExpressionUtils.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/PrePostAnnotationSecurityMetadataSource.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/authority/SimpleGrantedAuthority.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/method/AbstractFallbackMethodSecurityMetadataSource.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/hierarchicalroles/RoleHierarchy.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/PrePostInvocationAttributeFactory.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/authority/mapping/NullAuthoritiesMapper.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/provisioning/MutableUser.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/userdetails/AuthenticationUserDetailsService.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/method/MethodSecurityExpressionHandler.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/annotation/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/PreInvocationAuthorizationAdviceVoter.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/authentication/jaas/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-

jar/org/springframework/security/authentication/AuthenticationEventPublisher.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/PreInvocationAuthorizationAdvice.java  
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jar/org/springframework/security/access/expression/method/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/userdetails/jdbc/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/context/DelegatingApplicationListener.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/ComparableVersion.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/intercept/aspectj/MethodInvocationAdapter.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/method/MethodSecurityExpressionRoot.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
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jar/org/springframework/security/authentication/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/userdetails/memory/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/provisioning/MutableUserDetails.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/vote/RoleHierarchyVoter.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/userdetails/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
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\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/userdetails/UserDetailsChecker.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/PostInvocationAdviceProvider.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/token/Sha512DigestUtils.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/method/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/authority/mapping/SimpleAuthorityMapper.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
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jar/org/springframework/security/access/annotation/AnnotationMetadataExtractor.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/PreFilter.java  
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jar/org/springframework/security/core/userdetails/UserDetailsByNameServiceWrapper.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/method/DelegatingMethodSecurityMetadataSource.java  
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jar/org/springframework/security/task/DelegatingSecurityContextTaskExecutor.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/intercept/aspectj/AspectJMethodSecurityInterceptor.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/vote/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/concurrent/AbstractDelegatingSecurityContextSupport.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/context/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/method/MethodSecurityExpressionOperations.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/token/TokenService.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/jackson2/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/authentication/AccountStatusException.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/annotation/Jsrf250Voter.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/AbstractSecurityExpressionHandler.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/method/PreInvocationExpressionAttribute.java  
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jar/org/springframework/security/access/method/P.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/CredentialsContainer.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/authority/mapping/GrantedAuthoritiesMapper.java  
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jar/org/springframework/security/access/expression/method/ExpressionBasedAnnotationAttributeFactory.java  
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jar/org/springframework/security/access/prepost/PostAuthorize.java  
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jar/org/springframework/security/authentication/dao/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-

jar/org/springframework/security/core/token/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/SecurityExpressionRoot.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/authentication/jaas/memory/package-info.java  
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jar/org/springframework/security/core/authority/mapping/MappableAttributesRetriever.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
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jar/org/springframework/security/authentication/event/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/PostFilter.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/scheduling/DelegatingSecurityContextSchedulingTaskExecutor.java  
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jar/org/springframework/security/access/annotation/Js250SecurityConfig.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/provisioning/UserDetailsManager.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/PostInvocationAuthorizationAdvice.java  
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jar/org/springframework/security/core/authority/mapping/Attributes2GrantedAuthoritiesMapper.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/provisioning/InMemoryUserDetailsManager.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/hierarchicalroles/CycleInRoleHierarchyException.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
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\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
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\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
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jar/org/springframework/security/core/userdetails/cache/SpringCacheBasedUserCache.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/expression/package-info.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/authentication/InternalAuthenticationServiceException.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/access/prepost/PreAuthorize.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/core/authority/GrantedAuthoritiesContainer.java  
\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-  
jar/org/springframework/security/task/DelegatingSecurityContextAsyncTaskExecutor.java  
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jar/org/springframework/security/access/PermissionCacheOptimizer.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/authentication/rcp/package-info.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/core/authority/package-info.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/access/expression/method/AbstractExpressionBasedMethodConfigAttribute.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyAuthoritiesMapper.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/access/expression/SecurityExpressionHandler.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/authentication/jaas/event/package-info.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/access/hierarchicalroles/NullRoleHierarchy.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/concurrent/DelegatingSecurityContextExecutorService.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/access/event/package-info.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/core/session/package-info.java
* /opt/cola/permits/1334560574_1653640642.7061937/0/spring-security-core-5-5-8-sources-
jar/org/springframework/security/core/authority/mapping/SimpleAttributes2GrantedAuthoritiesMapper.java
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 * distributed under the License is distributed on an "AS IS" BASIS,
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 */
/**
 * @param authentication represents the user in question. Should not be null.
 * @param targetDomainObject the domain object for which permissions should be
 * checked. May be null in which case implementations should return false, as the null
 * condition can be checked explicitly in the expression.
 * @param permission a representation of the permission object as supplied by the
 * expression system. Not null.
 * @return true if the permission is granted, false otherwise

```

\*/

Found in path(s):

\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/access/PermissionEvaluator.java

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\*/

/\*\*

\* A token issued by { @link TokenService }.

\*

\* <p>

\* It is important that the keys assigned to tokens are sufficiently randomised and

\* secured that they can serve as identifying a unique user session. Implementations of

\* { @link TokenService } are free to use encryption or encoding strategies of their choice.

\* It is strongly recommended that keys are of sufficient length to balance safety against

\* persistence cost. In relation to persistence cost, it is strongly recommended that

\* returned keys are small enough for encoding in a cookie.

\* </p>

\*

\* @author Ben Alex

\* @since 2.0.1

\*/

Found in path(s):

\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/core/token/Token.java

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\*/

Found in path(s):

\* /opt/cola/permits/1334560574\_1653640642.7061937/0/spring-security-core-5-5-8-sources-jar/org/springframework/security/authentication/jaas/AbstractJaasAuthenticationProvider.java

## 1.336 netty-transport-classes-epoll

### 4.1.82.Final

#### 1.336.1 Available under license :

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```
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```

Found in path(s):

\* /opt/cola/permits/1434218466\_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-jar/META-INF/maven/io.netty/netty-transport-classes-epoll/pom.xml

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* under the License.
*/
/**
 * Set the { @code TCP_MD5SIG } option on the socket. See { @code linux/tcp.h } for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */
/**
 * Set the { @code TCP_QUICKACK } option on the socket.
 * See TCP\_QUICKACK
 * for more details.
 */

```

Found in path(s):

```

* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
jar/io/netty/channel/epoll/EpollSocketChannelConfig.java

```

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jar/io/netty/channel/epoll/LinuxSocket.java

```

```

* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java

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jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java
* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
jar/io/netty/channel/epoll/EpollEventArray.java
* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
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jar/io/netty/channel/epoll/TcpMd5Util.java
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* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
jar/io/netty/channel/epoll/EpollServerChannelConfig.java
* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
jar/io/netty/channel/epoll/EpollChannelConfig.java
* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
jar/io/netty/channel/epoll/EpollDomainSocketChannel.java
* /opt/cola/permits/1434218466_1664996176.797108/0/netty-transport-classes-epoll-4-1-82-final-sources-
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\* Set the { @code TCP\_MD5SIG } option on the socket. See { @code linux/tcp.h } for more details.

\* Keys can only be set on, not read to prevent a potential leak, as they are confidential.

\* Allowing them being read would mean anyone with access to the channel could get them.

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\* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/RequestHandler.java

\* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/builders/RequestHandlerSelectors.java

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\* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/builders/ParameterMerger.java

\* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/builders/ParameterBuilder.java

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- \* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/service/ListVendorExtension.java
- \* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/builders/AlternateTypePropertyBuilder.java
- \* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/builders/AlternateTypeBuilder.java
- \* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/schema/AlternateTypeRuleConvention.java

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- \* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/service/Header.java
- \* /opt/cola/permits/1177939693\_1625570709.22/0/springfox-core-2-9-2-sources-3-jar/springfox/documentation/RequestHandlerKey.java

# 1.338 aws-java-sdk-dynamodb 1.12.214

## 1.338.1 Available under license :

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# 1.339 netty-handler 4.1.78.Final

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* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/SslContext.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ipfilter/IpFilterRule.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/PemReader.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/OpenSslContext.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /opt/cola/permits/1350827988_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/JdkSslContext.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java  
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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/OpenSslEngineMap.java  
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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionStats.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/OpenSslServerContext.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java  
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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/LazyX509Certificate.java  
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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java  
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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/CipherSuiteFilter.java  
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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java  
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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionContext.java

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- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/ocsp/package-info.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/AbstractSniHandler.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/OptionalSslHandler.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/SslCompletionEvent.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/Conscrypt.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/SniCompletionEvent.java
- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java

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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/SslClosedEngineException.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java  
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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ipfilter/IpSubnetFilter.java

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\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/PseudoRandomFunction.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-

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jar/io/netty/handler/flow/package-info.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-

jar/io/netty/handler/ssl/PemPrivateKey.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-

jar/io/netty/handler/ssl/Java8SslUtils.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-

jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/PemEncoded.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/flush/FlushConsolidationHandler.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslCertificateException.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/PemX509Certificate.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/DelegatingSslContext.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/PemValue.java  
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jar/io/netty/handler/flush/package-info.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java  
\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-  
jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java  
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jar/io/netty/handler/pcap/EthernetPacket.java

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jar/io/netty/handler/pcap/PcapHeaders.java

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- \* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/ssl/SslProtocols.java
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jar/io/netty/handler/stream/ChunkedWriteHandler.java  
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\*/

Found in path(s):

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/traffic/TrafficCounter.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java

\* /opt/cola/permits/1350827988\_1656063956.1981592/0/netty-handler-4-1-78-final-sources-1-jar/io/netty/handler/traffic/package-info.java

# 1.340 mail 1.6.7

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## 1.341 jackson-databind 2.13.2.1

### 1.341.1 Available under license :

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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# 1.342 libfontenc 1.1.4-r0

## 1.342.1 Available under license :

# Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-lgpl

pkgver=2.3.21

```

pkgrel=6
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"
"

builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
    update_config_sub
    default_prepare
}

build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
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*/

```

```

# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.2
pkgrel=1
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/${_pkgname}-${pkgver}

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=${pkgver}-r${pkgrel}" # Backwards compatibility

build() {
    python3 setup.py build
}

package() {
    python3 setup.py install --prefix=/usr --root="$pkgdir"
}

sha512sums="8ade49f386e67d14e4b826946b947454cf2502ff249a9ab1d359f61fa42ebc2b17dd465708894cf82ffd15
3f0be1bed746464220d40d9d4dc1b07940ec280f28 flake8-copyright-0.2.2.tar.gz"
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```
# Automatically generated by apkbuild-cpan, template 1
```

```
# Contributor: Valery Kartel <valery.kartel@gmail.com>
```

```
# Maintainer: Valery Kartel <valery.kartel@gmail.com>
```

```
pkgname=perl-bsd-resource
```

```
_pkgreal=BSD-Resource
```

```
pkgver=1.2911
```

```
pkgrel=4
```

```
pkgdesc="Perl extension implements the BSD process resource limit functions"
```

```
url="https://metacpan.org/release/BSD-Resource"
```

```
arch="all"
```

```
license="GPL-1.0-or-later OR Artistic-1.0-Perl"
```

```
makedepends="perl-dev"
```

```
subpackages="$pkgname-doc"
```

```
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/${_pkgreal}-${pkgver}.tar.gz"
```

```
builddir="$srcdir/$_pkgreal-$pkgver"
```

```
prepare() {  
  default_prepare
```

```
  export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')  
  PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor  
}
```

```
build() {  
  export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')  
  make  
}
```

```
check() {  
  make test  
}
```

```
package() {  
  make DESTDIR="$pkgdir" install  
  find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete  
}
```

```
sha512sums="d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16  
dfa5417f663b8065ba65f4fea16dc9262728b3b6b85 BSD-Resource-1.2911.tar.gz"
```

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Version 3, 19 November 2007

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```
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```

```
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
```

```
pkgname=spdx-licenses
```

```
pkgver=3.8
```

```
pkgrel=0
```

```
pkgdesc="Various data formats for the SPDX License List"
```

```
url="https://spdx.org/"
```

```
arch="noarch"
```

```
options="!check"
```

```
license="CC-BY-3.0"
```

```
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
```

```
builddir="$srcdir/license-list-data-$pkgver"
```

```
subpackages="$pkgname-list"
```

```
_types="html json rdfa rdfnt rdfturtle rdfxml template text"
```

```
for type in $_types; do
```

```
  subpackages="$subpackages $pkgname-$type:_subpkg"
```

```
done
```

```
build() {
```

```
  cd "$builddir"
```

```
}
```

```
package() {
```

```
  mkdir -p "$pkgdir"
```

```
}
```

```
_subpkg() {
```

```

local type=${subpkgname/$pkgname-/}
pkgdesc="$pkgdesc ($type)"
install_if="$pkgname"
mkdir -p "$subpkgdir"/usr/share/spdx
cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

```

```

list() {
pkgdesc="$pkgdesc (licence list)"
mkdir -p "$subpkgdir"/usr/share/spdx
local i; for i in $builddir/text/*.txt; do
local license=${i##*/}
echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
done
}

```

```

sha512sums="0950540df050fb7f7ce92f5ad1bf756725e233d701f0c5b2fc5bfa85dae65bba3400de7fd78b4b1d8a41de
ab4e461a5f1018f4869d9f3e0428a5a64c32c01c60 license-list-data-3.8.tar.gz"

```

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```

Found in path(s):

```

* /opt/cola/permits/1177939708_1625570687.46/0/spring-plugin-metadata-1-2-0-release-sources-5-
jar/org/springframework/plugin/metadata/MetadataProvider.java
* /opt/cola/permits/1177939708_1625570687.46/0/spring-plugin-metadata-1-2-0-release-sources-5-
jar/org/springframework/plugin/metadata/PluginMetadata.java

```

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```

Found in path(s):

```
*/opt/cola/permits/1177939708_1625570687.46/0/spring-plugin-metadata-1-2-0-release-sources-5-
jar/org/springframework/plugin/metadata/AbstractMetadataBasedPlugin.java
```

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```
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 */
```

Found in path(s):

```
*/opt/cola/permits/1177939708_1625570687.46/0/spring-plugin-metadata-1-2-0-release-sources-5-
jar/org/springframework/plugin/metadata/SimplePluginMetadata.java
```

## 1.344 arns 2.17.186

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## 1.346 curvesapi 1.07

### 1.346.1 Available under license :

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```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
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  <groupId>com.github.virtuald</groupId>
  <artifactId>curvesapi</artifactId>
  <version>1.07</version>
  <name>curvesapi</name>
```

<description>Implementation of various mathematical curves that define themselves over a set of control points. The API is written in Java. The curves supported are: Bezier, B-Spline, Cardinal Spline, Catmull-Rom Spline, Lagrange, Natural Cubic Spline, and NURBS.</description>  
<url><https://github.com/virtuald/curvesapi></url>

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</plugin>
</plugins>
</build>
</profile>
</profiles>

<licenses>
  <license>
    <name>BSD License</name>

```

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<url>http://opensource.org/licenses/BSD-3-Clause</url>
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</license>
</licenses>

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<developerConnection>scm:git:git@github.com/virtuald/curvesapi.git</developerConnection>
</scm>

<developers>
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<url>http://sourceforge.net/u/stormdollar/profile/</url>
<id>stormdollar</id>
</developer>
<developer>
<name>Dustin Spicuzza</name>
<url>https://github.com/virtuald</url>
<id>virtuald</id>
</developer>
</developers>

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<scope>test</scope>
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</project>
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Found in path(s):

\* /opt/cola/permits/1320247155\_1651515490.78/0/curvesapi-1-07-jar/META-INF/maven/com.github.virtuald/curvesapi/pom.xml

## 1.347 hibernate-commons-annotations

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# 1.349 netty-nio-client 2.17.186

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* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
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\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/CompressionUtil.java  
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\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/string/LineSeparator.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/DatagramPacketDecoder.java

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/\*\*

\* A decoder that splits the received {@link ByteBuf}s dynamically by the  
\* value of the length field in the message. It is particularly useful when you  
\* decode a binary message which has an integer header field that represents the  
\* length of the message body or the whole message.

\* <p>

\* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so  
\* that it can decode any message with a length field, which is often seen in  
\* proprietary client-server protocols. Here are some example that will give  
\* you the basic idea on which option does what.

\*

\* <h3>2 bytes length field at offset 0, do not strip header</h3>

\*

\* The value of the length field in this example is <tt>12 (0x0C)</tt> which  
\* represents the length of "HELLO, WORLD". By default, the decoder assumes

\* that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>0</b>
* <b>lengthFieldLength</b> = <b>2</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |   | 0x000C | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
```

\* <h3>2 bytes length field at offset 0, strip header</h3>

\* Because we can get the length of the content by calling { @link ByteBuf#readableBytes() }, you might want to strip the length field by specifying <tt>initialBytesToStrip</tt>. In this example, we specified <tt>2</tt>, that is same with the length of the length field, to strip the first two bytes.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (12 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Actual Content |
* | 0x000C | "HELLO, WORLD" |   | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
```

\* <h3>2 bytes length field at offset 0, do not strip header, the length field represents the length of the whole message</h3>

\* In most cases, the length field represents the length of the message body only, as shown in the previous examples. However, in some protocols, the length field represents the length of the whole message, including the message header. In such a case, we specify a non-zero <tt>lengthAdjustment</tt>. Because the length value in this example message is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt> as <tt>lengthAdjustment</tt> for compensation.

```
* <pre>
* lengthFieldOffset = 0
```

```

* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
*
* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)
* +-----+-----+-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |   | 0x000E | "HELLO, WORLD" |
* +-----+-----+-----+-----+
* </pre>

```

\* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>

\* The following message is a simple variation of the first example. An extra header value is prepended to the message. <tt>lengthAdjustment</tt> is zero again because the decoder always takes the length of the prepended data into account during frame length calculation.

```

* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)      AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+
* | Header 1 | Length | Actual Content |---->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |   | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+-----+
* </pre>

```

\* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>

\* This is an advanced example that shows the case where there is an extra header between the length field and the message body. You have to specify a positive <tt>lengthAdjustment</tt> so that the decoder counts the extra header into the frame length calculation.

```

* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)      AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+
* | Length | Header 1 | Actual Content |---->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |   | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+
* </pre>

```

```

*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*   strip the first header field and the length field</h3>
*
* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
*
* BEFORE DECODE (16 bytes)           AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*   strip the first header field and the length field, the length field
*   represents the length of the whole message</h3>
*
* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.
* <pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>
*
* BEFORE DECODE (16 bytes)           AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+
* </pre>
* @see LengthFieldPrepender
*/

```

Found in path(s):

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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/\*\*

\* Utility class for {@link ByteBuf} that encodes and decodes to and from  
\* [Base64](https://en.wikipedia.org/wiki/Base64) notation.

\* <p>

\* The encoding and decoding algorithm in this class has been derived from

\* [Robert Harder's Public Domain  
\\* Base64 Encoder/Decoder](http://iharder.sourceforge.net/current/java/base64/).

\*/

Found in path(s):

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/base64/Base64.java

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- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Constants.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Lz4Constants.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/LzfDecoder.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/json/package-info.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Crc32.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/MessageAggregationException.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
- \* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Rand.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/DecoderResultProvider.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/FastLz.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/json/JsonObjectDecoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Encoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/LzfEncoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java  
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*/
/*
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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

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```
*/opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/base64/Base64Dialect.java
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*/opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/serialization/ObjectEncoder.java
```

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/JZlibDecoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/base64/Base64Encoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/Delimiters.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/ObjectDecoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/string/package-info.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/DecompressionException.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/base64/package-info.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/protobuf/package-info.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/ZlibEncoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/DecoderResult.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/ClassResolver.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/MessageToMessageCodec.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/string/StringEncoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/CompressionException.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/ByteToMessageCodec.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/base64/Base64Decoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/DecoderException.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/EncoderException.java

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\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/MessageToMessageEncoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/CodecException.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/LineBasedFrameDecoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/package-info.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/MessageToMessageDecoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/TooLongFrameException.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/Snappy.java

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\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/ZlibWrapper.java

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\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/string/StringDecoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/package-info.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/LengthFieldPrepender.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/ReplayingDecoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/CorruptedFrameException.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/package-info.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/ReferenceMap.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/package-info.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/ByteToMessageDecoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/ClassResolvers.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/MessageAggregator.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/PrematureChannelClosureException.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/bytes/package-info.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/ZlibUtil.java

\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/compression/ZlibDecoder.java  
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\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/xml/package-info.java

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\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionState.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionResult.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/UnsupportedValueConverter.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-

jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java  
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jar/io/netty/handler/codec/compression/BrotliDecoder.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/DeflateOptions.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/GzipOptions.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/Zstd.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/ZstdConstants.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/Brotli.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/BrotliEncoder.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/CompressionOptions.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/StandardCompressionOptions.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/ZstdEncoder.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/BrotliOptions.java
* /opt/cola/permits/1350827689_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-
jar/io/netty/handler/codec/compression/ZstdOptions.java
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\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/DefaultHeadersImpl.java  
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jar/io/netty/handler/codec/CharSequenceValueConverter.java  
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\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/DefaultHeaders.java  
\* /opt/cola/permits/1350827689\_1656063912.744552/0/netty-codec-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/EmptyHeaders.java  
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jar/io/netty/handler/codec/compression/Lz4XXHash32.java
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# 1.361 spring-cloud-aws-messaging

## 2.2.6.RELEASE

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http://www.springframework.org/schema/cloud/aws/messaging=org.springframework.cloud.aws.messaging.config.xml.MessagingNamespaceHandler
```

Found in path(s):

```
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/META-INF/spring.handlers
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* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org.springframework.cloud/aws/messaging/config/xml/spring-cloud-aws-messaging-1.2.xsd
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/META-INF/maven/org.springframework.cloud/spring-cloud-aws-messaging/pom.xml
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org.springframework.cloud/aws/messaging/config/xml/spring-cloud-aws-messaging-1.0.xsd
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```
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/core/QueueMessageUtils.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/support/converter/NotificationRequestConverter.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/endpoint/NotificationMessageHandlerMethodArgumentResolver.jav
a
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/endpoint/NotificationStatus.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/listener/QueueMessageHandler.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/config/annotation/SqsConfiguration.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/config/xml/BufferedSqsClientBeanDefinitionUtils.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/config/annotation/NotificationSubject.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/listener/DeleteMessageHandler.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/endpoint/annotation/NotificationSubscriptionMapping.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/endpoint/NotificationStatusHandlerMethodArgumentResolver.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/config/xml/MessagingNamespaceHandler.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/config/annotation/NotificationMessage.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/config/QueueMessageHandlerFactory.java
```

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/config/xml/SqsAsyncClientBeanDefinitionParser.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/support/converter/ObjectMessageConverter.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/endpoint/NotificationSubjectHandlerMethodArgumentResolver.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/endpoint/AbstractNotificationMessageHandlerMethodArgumentResolver.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/listener/annotation/SqsListener.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/config/annotation/EnableSns.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/config/annotation/SnsWebConfiguration.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/config/SimpleMessageListenerContainerFactory.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/listener/AbstractMessageListenerContainer.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/support/NotificationMessageArgumentResolver.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/endpoint/config/NotificationHandlerMethodArgumentResolverFactoryBean.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/core/SqsMessageHeaders.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/config/annotation/SqsClientConfiguration.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/config/xml/NotificationMessagingTemplateBeanDefinitionParser.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/config/xml/QueueMessagingTemplateBeanDefinitionParser.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/config/annotation/SnsConfiguration.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/listener/Visibility.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/endpoint/annotation/NotificationUnsubscribeConfirmationMapping.java

\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/org/springframework/cloud/aws/messaging/listener/QueueMessageAcknowledgment.java

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\* /opt/cola/permits/1230781645\_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-

```
jar/org/springframework/cloud/aws/messaging/core/QueueMessageChannel.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/core/support/AbstractMessageChannelMessagingSendingTemplate.java
va
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/listener/QueueMessageVisibility.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/support/NotificationSubjectArgumentResolver.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/config/annotation/EnableSqs.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/listener/Acknowledgment.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
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* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/listener/SimpleMessageListenerContainer.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/core/QueueMessagingTemplate.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/core/NotificationMessagingTemplate.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/support/destination/DynamicQueueUriDestinationResolver.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/endpoint/annotation/NotificationMessageMapping.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/config/xml/AnnotationDrivenQueueListenerBeanDefinitionParser.java
va
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/core/MessageAttributeDataTypes.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/support/destination/DynamicTopicDestinationResolver.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/config/xml/NotificationArgumentResolverBeanDefinitionParser.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/core/TopicMessageChannel.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/endpoint/config/NotificationHandlerMethodArgumentResolverConfigurationUtils.java
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-
jar/org/springframework/cloud/aws/messaging/listener/SendToHandlerMethodReturnValueHandler.java
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http://www.springframework.org/schema/cloud/aws/messaging/spring-cloud-aws-messaging-
1.0.xsd=org/springframework/cloud/aws/messaging/config/xml/spring-cloud-aws-messaging-1.0.xsd
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1.2.xsd=org/springframework/cloud/aws/messaging/config/xml/spring-cloud-aws-messaging-1.2.xsd
http://www.springframework.org/schema/cloud/aws/messaging/spring-cloud-aws-
messaging.xsd=org/springframework/cloud/aws/messaging/config/xml/spring-cloud-aws-messaging-1.2.xsd
```

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```
* /opt/cola/permits/1230781645_1637569890.91/0/spring-cloud-aws-messaging-2-2-6-release-sources-jar/META-
INF/spring.schemas
```

## 1.362 jackson-module-parameter-names

### 2.13.4

#### 1.362.1 Available under license :

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## 1.363 spring-data-rest-core 3.6.7

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\* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/mapping/ParametersMetadata.java  
\* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/mapping/ResourceDescription.java  
\* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/mapping/AnnotationBasedResourceDescription.java  
\* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/config/ProjectionDefinitionConfiguration.java  
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\* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/mapping/TypedResourceDescription.java  
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- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/mapping/PropertyAwareResourceMapping.java
- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/config/EnumTranslationConfiguration.java
- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/support/EntityLookup.java
- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/mapping/PersistentEntitiesResourceMappings.java
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- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/support/EntityLookupSupport.java
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- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/support/SelfLinkProvider.java
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  - \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/mapping/RepositoryMethodResourceMapping.java
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  - \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/mapping/RepositoryCollectionResourceMapping.java
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  - \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/mapping/ResourceMetadata.java
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  - \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/config/ResourceMapping.java
  - \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/config/ResourceMappingConfiguration.java
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- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/config/RepositoryRestConfiguration.java
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- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/annotation/HandleBeforeCreate.java
- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/annotation/HandleAfterDelete.java
- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/annotation/HandleAfterLinkDelete.java
- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/annotation/HandleBeforeSave.java
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- \* /opt/cola/permits/1459004992\_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-jar/org/springframework/data/rest/core/annotation/RepositoryEventHandler.java

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* /opt/cola/permits/1459004992_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-
jar/org/springframework/data/rest/core/annotation/HandleAfterLinkSave.java
* /opt/cola/permits/1459004992_1667380100.9762871/0/spring-data-rest-core-3-6-7-sources-
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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/SucceededChannelFuture.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/oio/package-info.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/DatagramChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/RecvByteBufferAllocator.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/FileRegion.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/bootstrap/ServerBootstrap.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultEventLoop.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/bootstrap/package-info.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelPromiseAggregator.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/oio/OioEventLoopGroup.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelDuplexHandler.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/local/LocalChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/local/package-info.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/nio/package-info.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/package-info.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelInboundHandlerAdapter.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/bootstrap/AbstractBootstrap.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/ChannelGroupFuture.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/oio/package-info.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultFileRegion.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/nio/NioEventLoop.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/package-info.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/InternetProtocolFamily.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/SocketChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/AbstractServerChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/oio/OioSocketChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/FailedChannelFuture.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/nio/AbstractNioByteChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelFutureListener.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/nio/package-info.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/oio/AbstractOioMessageChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ThreadPerChannelEventLoop.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/oio/AbstractOioChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/oio/AbstractOioByteChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/embedded/EmbeddedChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/DatagramChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/FixedRecvByteBufAllocator.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/AbstractChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelOutboundHandler.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelPromise.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultEventLoopGroup.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/DatagramPacket.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/local/LocalServerChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/MultithreadEventLoopGroup.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/CompleteChannelFuture.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/Channel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/EventLoopException.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultChannelPipeline.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelInitializer.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelPromiseNotifier.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/embedded/package-info.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/nio/NioTask.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/VoidChannelPromise.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelFuture.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelInboundHandler.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/nio/NioSocketChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelHandlerContext.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelPipeline.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/local/LocalEventLoopGroup.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/SocketChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/nio/NioDatagramChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/oio/OioDatagramChannel.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/ServerSocketChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/AbstractChannelHandlerContext.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/EventLoop.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/bootstrap/Bootstrap.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelException.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/nio/NioEventLoopGroup.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/embedded/EmbeddedEventLoop.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/EventLoopGroup.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/nio/AbstractNioMessageChannel.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelFlushPromiseNotifier.java  
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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelMetadata.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/package-info.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/nio/AbstractNioChannel.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/CombinedChannelDuplexHandler.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/local/LocalChannelRegistry.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/CombinedIterator.java  
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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/local/LocalAddress.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelPipelineException.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/DefaultChannelGroupFuture.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/ServerSocketChannel.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultChannelConfig.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelOption.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/SingleThreadEventLoop.java

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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/StacklessClosedChannelException.java

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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelHandlerMask.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/EventLoopTaskQueueFactory.java

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Found in path(s):

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/nio/SelectorProviderUtil.java

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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelFactory.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/embedded/EmbeddedChannelId.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/PendingWriteQueue.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/AbstractEventLoop.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ReflectiveChannelFactory.java

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jar/io/netty/channel/CoalescingBufferQueue.java

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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-  
jar/io/netty/channel/DefaultChannelProgressivePromise.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-  
jar/io/netty/channel/AbstractEventLoopGroup.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-  
jar/io/netty/channel/SimpleChannelInboundHandler.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-  
jar/io/netty/channel/DefaultAddressedEnvelope.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-  
jar/io/netty/channel/nio/SelectedSelectionKeySet.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-  
jar/io/netty/channel/AddressedEnvelope.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-  
jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-  
jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-  
jar/io/netty/channel/ChannelHandlerAdapter.java

\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelOutboundBuffer.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelId.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelProgressiveFuture.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultMessageSizeEstimator.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/MessageSizeEstimator.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/bootstrap/ChannelFactory.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelProgressiveFutureListener.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/ChannelMatcher.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/DefaultChannelGroup.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/ChannelGroupException.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/ChannelMatchers.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/ChannelGroup.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ConnectTimeoutException.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultChannelId.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelProgressivePromise.java

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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/bootstrap/AbstractBootstrapConfig.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelOutboundInvoker.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/SelectStrategy.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/group/VoidChannelGroupFuture.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/WriteBufferWaterMark.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/bootstrap/ServerBootstrapConfig.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultSelectStrategyFactory.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/bootstrap/BootstrapConfig.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/ChannelInboundInvoker.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/SelectStrategyFactory.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/DuplexChannel.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultSelectStrategy.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/PreferHeapByteBufAllocator.java

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 /\*\*

\* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in  
 \* its { @link ChannelPipeline}.

\*  
 \* <h3>Sub-types</h3>  
 \* <p>  
 \* { @link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its  
 subtypes:  
 \* <ul>  
 \* <li>{ @link ChannelInboundHandler} to handle inbound I/O events, and</li>  
 \* <li>{ @link ChannelOutboundHandler} to handle outbound I/O operations.</li>  
 \* </ul>  
 \* </p>  
 \* <p>  
 \* Alternatively, the following adapter classes are provided for your convenience:  
 \* <ul>  
 \* <li>{ @link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>  
 \* <li>{ @link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>  
 \* <li>{ @link ChannelDuplexHandler} to handle both inbound and outbound events</li>  
 \* </ul>  
 \* </p>  
 \* <p>  
 \* For more information, please refer to the documentation of each subtype.  
 \* </p>  
 \*  
 \* <h3>The context object</h3>  
 \* <p>  
 \* A { @link ChannelHandler} is provided with a { @link ChannelHandlerContext}  
 \* object. A { @link ChannelHandler} is supposed to interact with the  
 \* { @link ChannelPipeline} it belongs to via a context object. Using the  
 \* context object, the { @link ChannelHandler} can pass events upstream or  
 \* downstream, modify the pipeline dynamically, or store the information  
 \* (using { @link AttributeKey}s) which is specific to the handler.  
 \*  
 \* <h3>State management</h3>  
 \*  
 \* A { @link ChannelHandler} often needs to store some stateful information.  
 \* The simplest and recommended approach is to use member variables:

```

* <pre>
* public interface Message {
*   // your methods here
* }
*
* public class DataServerHandler extends { @link SimpleChannelInboundHandler } &lt; Message &gt; {
*
*   <b>private boolean loggedIn;</b>
*
*   { @code @Override }
*   public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {
*     if (message instanceof LoginMessage) {
*       authenticate((LoginMessage) message);
*       <b>loggedIn = true;</b>
*     } else (message instanceof GetDataMessage) {
*       if (<b>loggedIn</b>) {
*         ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*       } else {
*         fail();
*       }
*     }
*   }
*   ...
* }
* </pre>

```

\* Because the handler instance has a state variable which is dedicated to  
\* one connection, you have to create a new handler instance for each new  
\* channel to avoid a race condition where a unauthenticated client can get  
\* the confidential information:

```

* <pre>
* // Create a new handler instance per channel.
* // See { @link ChannelInitializer#initChannel(Channel) }.
* public class DataServerInitializer extends { @link ChannelInitializer } &lt; { @link Channel } &gt; {
*   { @code @Override }
*   public void initChannel({ @link Channel } channel) {
*     channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*   }
* }
*
* </pre>

```

\* <h4>Using { @link AttributeKey }s</h4>

\* Although it's recommended to use member variables to store the state of a  
\* handler, for some reason you might not want to create many handler instances.  
\* In such a case, you can use { @link AttributeKey }s which is provided by  
\* { @link ChannelHandlerContext }:  
\* <pre>

```

* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else if (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
* }
* ...
* }

```

\* </pre>  
\* Now that the state of the handler is attached to the {@link ChannelHandlerContext}, you can add the  
\* same handler instance to different pipelines:

```

* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>

```

\* <h4>The {@code @Sharable} annotation</h4>

\* <p>

\* In the example above which used an {@link AttributeKey},  
\* you might have noticed the {@code @Sharable} annotation.

\* <p>

\* If a {@link ChannelHandler} is annotated with the {@code @Sharable}  
\* annotation, it means you can create an instance of the handler just once and

```
* add it to one or more { @link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the { @link ChannelHandler}, and
* { @link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/
```

Found in path(s):

```
* /opt/cola/permits/1448973071_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-
jar/io/netty/channel/ChannelHandler.java
```

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```
*/
```

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```
* /opt/cola/permits/1448973071_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-
jar/io/netty/channel/DefaultChannelHandlerContext.java
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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/pool/ChannelPoolHandler.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/pool/ChannelHealthChecker.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/pool/ChannelPoolMap.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/pool/SimpleChannelPool.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/pool/FixedChannelPool.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/pool/package-info.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/pool/AbstractChannelPoolMap.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java

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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/internal/ChannelUtils.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/bootstrap/FailedChannel.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/ChannelOutputShutdownException.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java  
\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/PendingBytesTracker.java

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\* /opt/cola/permits/1448973071\_1666405906.586476/0/netty-transport-4-1-82-final-sources-1-jar/io/netty/channel/socket/nio/NioChannelOption.java

## 1.366 aws-java-sdk-cloudformation 1.12.196

### 1.366.1 Available under license :

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## 1.367 httpcore5-h 5.1.3

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- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/header/XFrameOptionsServerHttpHeadersWriter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/csrf/CsrfException.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/WebFilterExchange.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/context/NoOpServerSecurityContextRepository.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authorization/AuthorizationContext.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/util/matcher/ServerWebExchangeMatcherEntry.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/logout/ServerLogoutHandler.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/util/matcher/ServerWebExchangeMatcher.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/rememberme/PersistentTokenBasedRememberMeServices.java
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- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/ServerAuthenticationFailureHandler.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/ServerRedirectStrategy.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authorization/ServerAccessDeniedHandler.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/RedirectServerAuthenticationSuccessHandler.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/header/HttpHeaderWriterWebFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authorization/ExceptionTranslationWebFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-

jar/org/springframework/security/web/server/header/XContentTypeOptionsServerHttpHeadersWriter.java  
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\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/csrf/ServerCsrfTokenRepository.java  
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jar/org/springframework/security/web/server/authentication/ServerAuthenticationSuccessHandler.java  
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jar/org/springframework/security/web/server/WebFilterChainProxy.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/authentication/logout/RedirectServerLogoutSuccessHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/authentication/RedirectServerAuthenticationEntryPoint.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/csrf/WebSessionServerCsrfTokenRepository.java  
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jar/org/springframework/security/web/server/authentication/WebFilterChainServerAuthenticationSuccessHandler.java  
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\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/context/ReactorContextWebFilter.java  
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jar/org/springframework/security/web/server/savedrequest/ServerRequestCacheWebFilter.java  
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jar/org/springframework/security/web/server/util/matcher/ServerWebExchangeMatchers.java  
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jar/org/springframework/security/web/server/savedrequest/NoOpServerRequestCache.java  
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- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/header/ContentSecurityPolicyServerHttpHeadersWriter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/reactive/result/view/CsrfRequestDataValueProcessor.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/ServerHttpBasicAuthenticationConverter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/header/ReferrerPolicyServerHttpHeadersWriter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/HttpStatusServerEntryPoint.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/ui/DefaultLogoutPageGeneratingFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/ServerFormLoginAuthenticationConverter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/header/FeaturePolicyServerHttpHeadersWriter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/csrf/CsrfServerLogoutHandler.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/ServerX509AuthenticationConverter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/SimpleUrlAuthenticationFailureHandler.java
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- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/logout/HttpStatusReturningServerLogoutSuccessHandler.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/AbstractPreAuthenticatedProcessingFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/logout/DelegatingServerLogoutHandler.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/ui/DefaultLoginPageGeneratingFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/context/request/async/SecurityContextCallableProcessingInterceptor.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-

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\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
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jar/org/springframework/security/web/firewall/FirewalledResponse.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/authentication/DelegatingServerAuthenticationSuccessHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
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\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/ServerHttpBasicAuthenticationConverter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/logout/ForwardLogoutSuccessHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/header/XXssProtectionServerHttpHeadersWriter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/reactive/result/method/annotation/AuthenticationPrincipalArgumentResolver.  
java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/authorization/ServerWebExchangeDelegatingServerAccessDeniedHan  
dler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/RequestMatcherDelegatingAccessDeniedHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/ExceptionMappingAuthenticationFailureHandler.java  
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jar/org/springframework/security/web/util/matcher/ELRequestMatcherContext.java

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```
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/session/SessionInformationExpiredStrategy.java
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/jackson2/DefaultSavedRequestMixin.java
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/jackson2/PreAuthenticatedAuthenticationTokenMixin.java
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/jackson2/WebAuthenticationDetailsMixin.java
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/jackson2/WebJackson2Module.java
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/jackson2/CookieDeserializer.java
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/jackson2/CookieMixin.java
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/jackson2/SavedCookieMixin.java
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/jackson2/DefaultCsrfTokenMixin.java
* /opt/cola/permits/1334560550_1653640644.4325187/0/spring-security-web-5-5-8-sources-
jar/org/springframework/security/web/jackson2/ServletJackson2Module.java
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\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/rememberme/RememberMeAuthenticationFilter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/logout/SecurityContextLogoutHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/www/BasicAuthenticationEntryPoint.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/switchuser/SwitchUserFilter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/PortMapperImpl.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/access/channel/InsecureChannelProcessor.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/savedrequest/FastDateFormat.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-

jar/org/springframework/security/web/savedrequest/DefaultSavedRequest.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/PortResolver.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/www/NonceExpiredException.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/channel/RetryWithHttpEntryPoint.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/savedrequest/SavedRequestAwareWrapper.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/session/HttpSessionCreatedEvent.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/session/HttpSessionDestroyedEvent.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/servletapi/SecurityContextHolderAwareRequestFilter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/channel/ChannelProcessingFilter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/intercept/FilterInvocationSecurityMetadataSource.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/channel/ChannelDecisionManager.java  
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jar/org/springframework/security/web/authentication/logout/LogoutHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
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\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/LoginUrlAuthenticationEntryPoint.java  
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jar/org/springframework/security/web/access/intercept/FilterSecurityInterceptor.java  
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jar/org/springframework/security/web/authentication/WebAuthenticationDetailsSource.java  
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jar/org/springframework/security/web/savedrequest/Enumerator.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/RememberMeServices.java  
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jar/org/springframework/security/web/access/intercept/DefaultFilterInvocationSecurityMetadataSource.java  
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jar/org/springframework/security/web/PortMapper.java  
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jar/org/springframework/security/web/authentication/switchuser/SwitchUserGrantedAuthority.java  
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jar/org/springframework/security/web/authentication/WebAuthenticationDetails.java  
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jar/org/springframework/security/web/access/channel/RetryWithHttpsEntryPoint.java  
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jar/org/springframework/security/web/access/WebInvocationPrivilegeEvaluator.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/channel/ChannelEntryPoint.java  
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jar/org/springframework/security/web/util/UrlUtils.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/channel/ChannelDecisionManagerImpl.java  
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jar/org/springframework/security/web/session/HttpSessionEventPublisher.java  
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jar/org/springframework/security/web/authentication/NullRememberMeServices.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/rememberme/TokenBasedRememberMeServices.java  
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jar/org/springframework/security/web/access/channel/ChannelProcessor.java  
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jar/org/springframework/security/web/authentication/www/DigestAuthenticationEntryPoint.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/switchuser/AuthenticationSwitchUserEvent.java  
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- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/csrf/CsrfToken.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/csrf/HttpSessionCsrfTokenRepository.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/session/CompositeSessionAuthenticationStrategy.java
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- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/header/writers/XContentTypeOptionsHeaderWriter.java
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- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/context/AbstractSecurityWebApplicationInitializer.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/csrf/InvalidCsrfTokenException.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/bind/annotation/AuthenticationPrincipal.java

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\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/method/annotation/CsrfTokenArgumentResolver.java  
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\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/util/matcher/RequestMatcherEditor.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/jaasapi/JaasApiIntegrationFilter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/util/matcher/ELRequestMatcher.java  
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- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/csrf/CsrfWebFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/FilterInvocation.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/context/HttpSessionSecurityContextRepository.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/DefaultSecurityFilterChain.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/csrf/MissingCsrfTokenException.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/debug/DebugFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/util/matcher/RequestMatcherEntry.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/csrf/CsrfFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/header/StaticServerHttpHeadersWriter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/csrf/CookieServerCsrfTokenRepository.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/access/intercept/AuthorizationFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/access/DefaultWebInvocationPrivilegeEvaluator.java

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\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/server/authentication/SwitchUserWebFilter.java  
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ava  
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jar/org/springframework/security/web/util/matcher/IpAddressMatcher.java  
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jar/org/springframework/security/web/reactive/result/method/annotation/CurrentSecurityContextArgumentResolver.  
java  
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jar/org/springframework/security/web/server/authentication/logout/HeaderWriterServerLogoutHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/header/writers/HstsHeaderWriter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/method/annotation/CurrentSecurityContextArgumentResolver.java  
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jar/org/springframework/security/web/authentication/logout/LogoutSuccessEventPublishingLogoutHandler.java  
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jar/org/springframework/security/web/header/writers/CompositeHeaderWriter.java  
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jar/org/springframework/security/web/util/matcher/RequestMatcher.java  
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jar/org/springframework/security/web/server/header/ClearSiteDataServerHttpHeadersWriter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/util/matcher/MediaTypeRequestMatcher.java  
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jar/org/springframework/security/web/header/writers/ReferrerPolicyHeaderWriter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/server/transport/HttpsRedirectWebFilter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/header/writers/HpkpHeaderWriter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/header/writers/FeaturePolicyHeaderWriter.java  
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jar/org/springframework/security/web/session/ConcurrentSessionFilter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/logout/HeaderWriterLogoutHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/header/writers/StaticHeadersWriter.java  
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jar/org/springframework/security/web/header/HeaderWriterFilter.java  
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jar/org/springframework/security/web/header/writers/frameoptions/XFrameOptionsHeaderWriter.java  
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jar/org/springframework/security/web/server/authentication/ReactivePreAuthenticatedAuthenticationManager.java  
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jar/org/springframework/security/web/header/writers/ClearSiteDataHeaderWriter.java

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- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/RequestHeaderAuthenticationFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/header/writers/frameoptions/RegExpAllowFromStrategy.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/util/OnCommittedResponseWrapper.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/session/SessionAuthenticationException.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/session/package-info.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/debug/Logger.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/jackson2/package-info.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/context/SecurityContextPersistenceFilter.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/j2ee/WebXmlMappableAttributesRetriever.java
- \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/firewall/DefaultHttpFirewall.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/servletapi/package-info.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/session/SimpleRedirectInvalidSessionStrategy.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/access/expression/package-info.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/access/package-info.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/logout/LogoutSuccessHandler.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/header/Header.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/PreAuthenticatedGrantedAuthoritiesWebAuthenticationDetails.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/j2ee/J2eePreAuthenticatedProcessingFilter.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/rememberme/InvalidCookieException.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/util/package-info.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/PreAuthenticatedAuthenticationToken.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/websphere/DefaultWASUsernameAndGroupsExtractor.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/package-info.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/session/RegisterSessionAuthenticationStrategy.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/j2ee/J2eeBasedPreAuthenticatedWebAuthenticationDetailsSource.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/rememberme/PersistentTokenRepository.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/j2ee/package-info.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/SavedRequestAwareAuthenticationSuccessHandler.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/www/package-info.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/preauth/RequestAttributeAuthenticationFilter.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/access/channel/package-info.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/servletapi/HttpServletRequestFactory.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-

jar/org/springframework/security/web/authentication/session/SessionAuthenticationStrategy.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/logout/DelegatingLogoutSuccessHandler.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/RedirectStrategy.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/switchuser/SwitchUserAuthorityChanger.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/header/writers/frameoptions/WhiteListedAllowFromStrategy.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/www/DigestAuthUtils.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/preauth/websphere/package-info.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/savedrequest/HttpSessionRequestCache.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/session/SessionManagementFilter.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/preauth/websphere/WebSpherePreAuthenticatedProcessingFilter.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/preauth/x509/X509PrincipalExtractor.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/savedrequest/SavedCookie.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/preauth/PreAuthenticatedAuthenticationProvider.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/preauth/x509/X509AuthenticationFilter.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/Http403ForbiddenEntryPoint.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/package-info.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/AuthenticationSuccessHandler.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/authentication/preauth/PreAuthenticatedGrantedAuthoritiesUserDetailsService.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/header/writers/frameoptions/StaticAllowFromStrategy.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/SecurityFilterChain.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/util/TextEscapeUtils.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/session/SimpleRedirectSessionInformationExpiredStrategy.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
 jar/org/springframework/security/web/context/SaveContextOnUpdateOrErrorResponseWrapper.java  
 \* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-

jar/org/springframework/security/web/authentication/rememberme/CookieTheftException.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/util/matcher/RegexRequestMatcher.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/rememberme/package-info.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/savedrequest/NullRequestCache.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/context/package-info.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/jaasapi/package-info.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/preauth/websphere/WebSpherePreAuthenticatedWebAuthentic  
ationDetailsSource.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/servletapi/HttpServletRequest3RequestFactory.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/savedrequest/package-info.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/expression/DefaultWebSecurityExpressionHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/expression/WebExpressionConfigAttribute.java  
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jar/org/springframework/security/web/authentication/logout/CompositeLogoutHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/logout/HttpStatusReturningLogoutSuccessHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/util/RedirectUrlBuilder.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/util/ThrowableCauseExtractor.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/context/SecurityContextRepository.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/logout/package-info.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/session/InvalidSessionStrategy.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/intercept/package-info.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/SimpleUrlAuthenticationSuccessHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/savedrequest/SavedRequest.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/context/request/async/WebAsyncManagerIntegrationFilter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/access/expression/WebExpressionVoter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-  
jar/org/springframework/security/web/authentication/rememberme/InMemoryTokenRepositoryImpl.java

\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/logout/SimpleUrlLogoutSuccessHandler.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/access/channel/AbstractRetryEntryPoint.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/ui/package-info.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/HttpStatusEntryPoint.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/savedrequest/RequestCacheAwareFilter.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/DefaultRedirectStrategy.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/firewall/RequestRejectedException.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/rememberme/RememberMeAuthenticationException.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/context/HttpRequestResponseHolder.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/util/ThrowableAnalyzer.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/savedrequest/RequestCache.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/context/NullSecurityContextRepository.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/access/expression/WebSecurityExpressionRoot.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/session/NullAuthenticatedSessionStrategy.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/session/package-info.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/authentication/switchuser/package-info.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/util/matcher/NegatedRequestMatcher.java  
\* /opt/cola/permits/1334560550\_1653640644.4325187/0/spring-security-web-5-5-8-sources-jar/org/springframework/security/web/firewall/HttpFirewall.java

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Eclipse

The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javac.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javac.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

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

\* java.sun.security.ssl

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

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

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OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

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

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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jar/org/springframework/security/config/annotation/rsocket/SecuritySocketAcceptorInterceptorConfiguration.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/rsocket/RSocketSecurity.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/rsocket/RSocketSecurityConfiguration.java  
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jar/org/springframework/security/config/annotation/rsocket/EnableRSocketSecurity.java  
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jar/org/springframework/security/config/debug/SecurityDebugBeanFactoryPostProcessor.java  
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jar/org/springframework/security/config/annotation/web/configurers/openid/OpenIDLoginConfigurer.java  
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- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/method/configuration/GlobalMethodSecuritySelector.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/FormLoginBeanDefinitionParser.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configuration/WebSecurityConfigurerAdapter.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/oauth2/client/OAuth2ClientConfigurerUtils.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/CorsBeanDefinitionParser.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/core/userdetails/UserDetailsResourceFactoryBean.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/authentication/AuthenticationManagerFactoryBean.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/method/GlobalMethodSecurityBeanDefinitionParser.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/X509Configurer.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/ExceptionHandlerConfigurer.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/ExpressionUrlAuthorizationConfigurer.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/ServletApiConfigurer.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/websocket/WebSocketMessageBrokerSecurityBeanDefinitionParser.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/CorsConfigurer.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/SecurityContextConfigurer.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/configuration/AutowiredBeanFactoryObjectPostProcessor.java
- \* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/method/configuration/MethodSecurityMetadataSourceAdvisorR

egistrar.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/UrlAuthorizationConfigurer.java  
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Found in path(s):

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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/ChannelSecurityConfigurer.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/FormLoginConfigurer.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/PermitAllSupport.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/authentication/configurers/userdetails/DaoAuthenticationConfigurer.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/servlet/configuration/EnableWebMvcSecurity.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/authentication/configurers/userdetails/UserDetailsAwareConfigurer.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/authentication/configurers/provisioning/JdbcUserDetailsManagerConfigurer.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/AnonymousConfigurer.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/authentication/configurers/userdetails/UserDetailsServiceConfigurer.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-

jar/org/springframework/security/config/annotation/web/configurers/RequestCacheConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/web/configuration/SpringWebMvcImportSelector.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/authentication/configurers/userdetails/AbstractDaoAuthenticatio  
nConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/AlreadyBuiltException.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/SecurityConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/method/configuration/EnableGlobalMethodSecurity.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/authentication/configurers/provisioning/InMemoryUserDetails  
ManagerConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/web/configurers/PortMapperConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/web/configurers/AbstractConfigAttributeRequestMatcherRegist  
ry.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/ObjectPostProcessor.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/method/configuration/GlobalMethodSecurityAspectJAutoProxy  
Registrar.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/web/configurers/JeeConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/authentication/ProviderManagerBuilder.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/AbstractConfiguredSecurityBuilder.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/web/configurers/AbstractInterceptUrlConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/AbstractSecurityBuilder.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/SecurityConfigurerAdapter.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/authentication/configuration/EnableGlobalAuthentication.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/SecurityBuilder.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/authentication/configurers/provisioning/UserDetailsManagerCo  
nfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/web/configurers/AbstractHttpConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/authentication/builders/AuthenticationManagerBuilder.java

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jar/org/springframework/security/config/method/MethodConfigUtils.java
* /opt/cola/permits/1334560566_1653640640.9031096/0/spring-security-config-5-5-8-sources-
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jar/org/springframework/security/config/web/servlet/AnonymousDsl.kt
* /opt/cola/permits/1334560566_1653640640.9031096/0/spring-security-config-5-5-8-sources-
jar/org/springframework/security/config/annotation/web/HttpSecurityBuilder.java
* /opt/cola/permits/1334560566_1653640640.9031096/0/spring-security-config-5-5-8-sources-
jar/org/springframework/security/config/web/servlet/session/SessionSecurityMarker.kt
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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/OAuth2ResourceServerBeanDefinitionParser.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/SecurityMarker.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/headers/XssProtectionConfigDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerOpaqueTokenDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerReferrerPolicyDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerContentTypeOptionsDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/SecurityFilters.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/OAuth2ClientDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/Saml2Dsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/headers/HttpPublicKeyPinningDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/oauth2/login/RedirectionEndpointDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/oauth2/client/CommonOAuth2Provider.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerOAuth2ResourceServerDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerHttpSecurityDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/CsrfBeanDefinitionParser.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/ExceptionHandlerDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/oauth2/resourceserver/OpaqueTokenDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerJwtDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/oauth2/login/AuthorizationEndpointDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerCsrfDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/oauth2/client/OAuth2ClientSecurityMarker.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerExceptionHandlerDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/headers/ContentSecurityPolicyDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/oauth2/resourceserver/JwtDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/RequiresChannelDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/OAuth2ClientBeanDefinitionParser.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/AuthorizeRequestsDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/HttpBasicDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/headers/PermissionsPolicyDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerHttpStrictTransportSecurityDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/oauth2/resourceserver/OAuth2ResourceServerSecurityMarker.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/OAuth2ClientBeanDefinitionParserUtils.java

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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/OAuth2LoginBeanDefinitionParser.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/ldap/LdapServerBeanDefinitionParser.java

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerHttpsRedirectDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/headers/ReferrerPolicyDsl.kt

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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerSecurityMarker.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/oauth2/login/OAuth2LoginSecurityMarker.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerOAuth2LoginDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/X509Dsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/AuthorizeExchangeDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerFrameOptionsDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerOAuth2ClientDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/HttpSecurityDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-

jar/org/springframework/security/config/web/server/ServerCorsDsl.kt  
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jar/org/springframework/security/config/web/servlet/headers/FrameOptionsDsl.kt  
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jar/org/springframework/security/config/web/servlet/FormLoginDsl.kt  
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jar/org/springframework/security/config/web/server/ServerHeadersDsl.kt  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/web/servlet/oauth2/login/UserInfoEndpointDsl.kt  
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jar/org/springframework/security/config/web/server/ServerHttpBasicDsl.kt  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/http/OAuth2ClientWebMvcSecurityPostProcessor.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/web/servlet/LogoutDsl.kt  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/web/server/ServerCacheControlDsl.kt  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/web/configuration/WebSecurityConfiguration.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/oauth2/client/ClientRegistrationsBeanDefinitionParser.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/authentication/configurers/ldap/LdapAuthenticationProviderCon-  
figurer.java  
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jar/org/springframework/security/config/web/servlet/oauth2/login/TokenEndpointDsl.kt  
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jar/org/springframework/security/config/Elements.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/web/servlet/oauth2/client/AuthorizationCodeGrantDsl.kt  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/web/servlet/OAuth2LoginDsl.kt  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/web/servlet/session/SessionFixationDsl.kt  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/annotation/web/WebSecurityConfigurer.java  
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jar/org/springframework/security/config/web/server/ServerPermissionsPolicyDsl.kt  
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jar/org/springframework/security/config/web/server/ServerContentSecurityPolicyDsl.kt  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-  
jar/org/springframework/security/config/web/servlet/AbstractRequestMatcherDsl.kt

\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configuration/OAuth2ClientConfiguration.java  
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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/HttpSecurityBeanDefinitionParser.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerRequestCacheDsl.kt  
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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/OAuth2ResourceServerDsl.kt  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/oauth2/client/OAuth2ClientConfigurer.java  
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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/oauth2/client/ImplicitGrantConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/servlet/headers/HttpStrictTransportSecurityDsl.kt  
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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/annotation/web/configurers/oauth2/client/OAuth2LoginConfigurer.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/authentication/AuthenticationManagerBeanDefinitionParser.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/web/server/ServerHttpSecurity.java  
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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/authentication/JdbcUserServiceBeanDefinitionParser.java

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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/authentication/UserServiceBeanDefinitionParser.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/method/ProtectPointcutPostProcessor.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/package-info.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/BeanIds.java  
\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/core/GrantedAuthorityDefaults.java  
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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/authentication/AbstractUserDetailsServiceBeanDefinitionParser.java  
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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/method/InterceptMethodsBeanDefinitionDecorator.java  
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\* /opt/cola/permits/1334560566\_1653640640.9031096/0/spring-security-config-5-5-8-sources-jar/org/springframework/security/config/http/SessionCreationPolicy.java  
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[1] <http://www.ecma-international.org/publications/standards/Ecma-376.htm>

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Bnd-LastModified: 1644737816481

Build-Jdk: 11.0.14

Built-By: uriel

Bundle-Description: Java reflect give poor performance on getter setter  
an constructor calls, accessors-smart use ASM to speed up those calls.

Bundle-DocURL: <https://urielch.github.io/>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: accessors-smart

Bundle-SymbolicName: net.minidev.accessors-smart

Bundle-Vendor: Chemouni Uriel

Bundle-Version: 2.4.8

Created-By: Apache Maven Bundle Plugin

Export-Package: net.minidev.asm;uses:="org.objectweb.asm";version="2.4.8",net.minidev.asm.ex;version="2.4.8"

Import-Package: org.objectweb.asm;version="[8.0,10)",net.minidev.asm.ex

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

Found in path(s):

\* /opt/cola/permits/1281455933\_1646319064.35/0/accessors-smart-2-4-8-jar/META-INF/MANIFEST.MF

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\* /opt/cola/permits/1281455933\_1646319064.35/0/accessors-smart-2-4-8-jar/META-INF/maven/net.minidev/accessors-smart/pom.xml

## 1.376 spring-security-core 5.6.7

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# 1.377 evo-inflector 1.3

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\* /opt/cola/permits/1236287209\_1638499843.9/0/evo-inflector-1-3-jar/META-INF/maven/org.atteo/evo-inflector/pom.xml

# 1.378 spring-context 5.3.20

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- \* <p>
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- \* version of MurmurHash3 and is thus suitable for producing the same hash values across
- \* platforms.
- \* <p>
- \* The 32 bit x86 version of this hash should be the fastest variant for relatively short keys like ids.
- \* murmurhash3\_x64\_128 is a good choice for longer strings or if you need more than 32 bits of hash.
- \* <p>

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\* algorithms are optimized for their respective platforms.  
\* <p>  
\* See [http://github.com/yonik/java\\_util](http://github.com/yonik/java_util) for future updates to this file.  
\*/

Found in path(s):

\* /opt/cola/permits/1175514790\_1624398758.17/0/java-client-4-1-6-sources-  
jar/io/split/client/utills/MurmurHash3.java

## 1.380 spring-security-web 5.6.6

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```

* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/spec/Ordering.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/SpMCAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/MessagePassingQueueUtil.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/MpMCAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/util/UnsafeJvmInfo.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java

```

\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCLinkedQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Preference.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java  
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\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MPMCUnboundedXaddArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscGrowArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseSpSCLinkedAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/AtomicQueueFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MPMCArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCLinkedAtomicQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpMCArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/AbstractEntry.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MPMCUnboundedXaddChunk.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscChunkedArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashMapLong.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeLongArrayAccess.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscBlockingConsumerArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseMPMCLinkedAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashMap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseMpscLinkedListArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingIdentityHashMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseLinkedList.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/InternalAPI.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashSet.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/Pow2.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/ConcurrentQueueSpec.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCChunkedAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/ConcurrentAutoTable.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddChunk.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/LinkedListNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCUnboundedArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/PortableJvmInfo.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentCircularArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingSetInt.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseLinkedListAtomicQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscLinkedList.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeRefArrayAccess.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscCompoundQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCChunkedArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCArrayQueue.java

- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/QueueFactory.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscArrayQueue.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeAccess.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedArrayQueue.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCGrowAtomicArrayQueue.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/IndexedQueueSizeUtil.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCGrowArrayQueue.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/RangeUtil.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/package-info.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseSpSCLinkedArrayQueue.java

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

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
```

```
<modelVersion>4.0.0</modelVersion>
```

```
<artifactId>jctools-core</artifactId>
```

```
<groupId>org.jctools</groupId>
```

```
<version>3.1.0</version>
```

```
<name>Java Concurrency Tools Core Library</name>
```

```
<description>Java Concurrency Tools Core Library</description>
```

```
<packaging>bundle</packaging>
```

```
<dependencies>
```

```
<dependency>
```

```
<groupId>org.hamcrest</groupId>
```

```
<artifactId>hamcrest-all</artifactId>
```

```
<version>${hamcrest.version}</version>
```

```
<scope>test</scope>
```

```
</dependency>
```

```
<dependency>
```

```
<groupId>junit</groupId>
```

```
<artifactId>junit</artifactId>
```

```

<version>${junit.version}</version>
<scope>test</scope>
</dependency>

<dependency>
  <groupId>com.google.guava</groupId>
  <artifactId>guava-testlib</artifactId>
  <version>${guava-testlib.version}</version>
  <scope>test</scope>
</dependency>
</dependencies>
<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-surefire-plugin</artifactId>
      <version>3.0.0-M3</version>
      <configuration>
        <includes>
          <include>*</include>
        </includes>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.felix</groupId>
      <artifactId>maven-bundle-plugin</artifactId>
      <version>4.2.1</version>
      <extensions>>true</extensions>
      <configuration>
        <instructions>
          <Import-Package>sun.misc;resolution:=optional</Import-Package>
        </instructions>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-source-plugin</artifactId>
      <version>3.2.0</version>
      <executions>
        <execution>
          <id>attach-sources</id>
          <phase>verify</phase>
          <goals>
            <goal>jar-no-fork</goal>
          </goals>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>

```

```

<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-javadoc-plugin</artifactId>
  <version>3.1.1</version>
  <configuration>
    <additionalOptions>
      <additionalOption>-Xdoclint:none</additionalOption>
    </additionalOptions>
    <source>8</source>
  </configuration>
  <executions>
    <execution>
      <id>attach-javadocs</id>
      <goals>
        <goal>jar</goal>
      </goals>
    </execution>
  </executions>
</plugin>
</plugins>
</build>

<distributionManagement>
  <repository>
    <id>bintray-jctools-jctools</id>
    <name>jctools-jctools</name>
    <url>https://api.bintray.com/maven/jctools/jctools/jctools-core;/publish=1</url>
  </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
  <license>
    <name>Apache License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<scm>
  <url>https://github.com/JCTools/JCTools</url>
  <connection>scm:git:https://github.com/JCTools/JCTools</connection>
  <tag>HEAD</tag>
</scm>

<developers>

```

```

<developer>
  <url>https://github.com/nitsanw</url>
</developer>
<developer>
  <url>https://github.com/mjpt777</url>
</developer>
<developer>
  <url>https://github.com/RichardWarburton</url>
</developer>
<developer>
  <url>https://github.com/kay</url>
</developer>
<developer>
  <url>https://github.com/franz1981</url>
</developer>
</developers>

<prerequisites>
  <maven>3.5.0</maven>
</prerequisites>

<properties>
  <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
  <java.version>1.6</java.version>
  <java.test.version>1.8</java.test.version>

  <maven.compiler.source>${java.version}</maven.compiler.source>
  <maven.compiler.target>${java.version}</maven.compiler.target>
  <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
  <maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

  <hamcrest.version>1.3</hamcrest.version>
  <junit.version>4.12</junit.version>
  <guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/META-
INF/maven/org.jctools/jctools-core/pom.xml

```

## 1.383 json-java 20220320

### 1.383.1 Available under license :

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```

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

```

```
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
```

```
<modelVersion>4.0.0</modelVersion>
```

```
<groupId>org.json</groupId>
```

```
<artifactId>json</artifactId>
```

```
<version>20220320</version>
```

```
<packaging>bundle</packaging>
```

```
<name>JSON in Java</name>
```

```
<description>
```

JSON is a light-weight, language independent, data interchange format.

See <http://www.JSON.org/>

The files in this package implement JSON encoders/decoders in Java.

It also includes the capability to convert between JSON and XML, HTTP headers, Cookies, and CDL.

This is a reference implementation. There is a large number of JSON packages in Java. Perhaps someday the Java community will standardize on one. Until then, choose carefully.

The license includes this restriction: "The software shall be used for good, not evil." If your conscience cannot live with that, then choose a different package.

```
</description>
```

```
<url>https://github.com/douglascrockford/JSON-java</url>
```

```
<parent>
```

```
<groupId>org.sonatype.oss</groupId>
```

```
<artifactId>oss-parent</artifactId>
```

```
<version>9</version>
```

```
</parent>
```

```
<scm>
```

```
<url>https://github.com/douglascrockford/JSON-java.git</url>
```

```
<connection>scm:git:git://github.com/douglascrockford/JSON-java.git</connection>
```

```
<developerConnection>scm:git:git@github.com:douglascrockford/JSON-java.git</developerConnection>
```

```
</scm>
```

```
<licenses>
```

```
<license>
```

```
<name>The JSON License</name>
```

```
<url>http://json.org/license.html</url>
```

```
<distribution>repo</distribution>
```

```
<comments>Copyright (c) 2002 JSON.org
```

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SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

</comments>

</license>

</licenses>

<developers>

<developer>

<name>Douglas Crockford</name>

<email>douglas@crockford.com</email>

</developer>

</developers>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

</properties>

<dependencies>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.13.1</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>com.jayway.jsonpath</groupId>

<artifactId>json-path</artifactId>

<version>2.1.0</version>

<scope>test</scope>

</dependency>

<dependency>

```

    <groupId>org.mockito</groupId>
    <artifactId>mockito-core</artifactId>
    <version>1.9.5</version>
    <scope>test</scope>
  </dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
      <groupId>org.apache.felix</groupId>
      <artifactId>maven-bundle-plugin</artifactId>
      <version>3.0.1</version>
      <extensions>true</extensions>
      <configuration>
        <instructions>
          <Export-Package>
            org.json
          </Export-Package>
          <Bundle-SymbolicName>${project.artifactId}</Bundle-SymbolicName>
        </instructions>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-compiler-plugin</artifactId>
      <version>2.3.2</version>
      <configuration>
        <source>1.6</source>
        <target>1.6</target>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-source-plugin</artifactId>
      <version>2.1.2</version>
      <executions>
        <execution>
          <id>attach-sources</id>
          <goals>
            <goal>jar-no-fork</goal>
          </goals>
        </execution>
      </executions>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-javadoc-plugin</artifactId>

```

```

<version>2.7</version>
<executions>
  <execution>
    <id>attach-javadocs</id>
    <goals>
      <goal>jar</goal>
    </goals>
    <configuration>
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    </configuration>
  </execution>
</executions>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-gpg-plugin</artifactId>
  <version>1.5</version>
  <executions>
    <execution>
      <id>sign-artifacts</id>
      <phase>verify</phase>
      <goals>
        <goal>sign</goal>
      </goals>
    </execution>
  </executions>
</plugin>
<plugin>
  <groupId>org.sonatype.plugins</groupId>
  <artifactId>nexus-staging-maven-plugin</artifactId>
  <version>1.6.3</version>
  <extensions>>true</extensions>
  <configuration>
    <serverId>osrh</serverId>
    <nexusUrl>https://oss.sonatype.org/</nexusUrl>
    <autoReleaseAfterClose>>false</autoReleaseAfterClose>
  </configuration>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-jar-plugin</artifactId>
  <version>3.2.0</version>
  <configuration>
    <archive>
      <manifestEntries>
        <Automatic-Module-Name>org.json</Automatic-Module-Name>
      </manifestEntries>
    </archive>
  </configuration>
</plugin>

```

```
</configuration>
</plugin>
</plugins>
</build>
</project>
```

Found in path(s):

\* /opt/cola/permits/1301334072\_1649297165.22/0/json-20220320-jar/META-INF/maven/org.json/json/pom.xml

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

Manifest-Version: 1.0

Automatic-Module-Name: org.json

Bnd-LastModified: 1647787045470

Build-Jdk: 1.8.0\_271

Built-By: stlea

Bundle-Description: JSON is a light-weight, language independent, data interchange format. See <http://www.JSON.org/> The files in this package implement JSON encoders/decoders in Java. It also includes the capability to convert between JSON and XML, HTTP headers, Cookies, and CDL. This is a reference implementation. There is a large number of JSON packages in Java. Perhaps someday the Java community will standardize on one. Until then, choose carefully. The license includes this restriction: "The software shall be used for good, not evil." If your conscience cannot live with that, then choose a different package.

Bundle-License: <http://json.org/license.html>

Bundle-ManifestVersion: 2

Bundle-Name: JSON in Java

Bundle-SymbolicName: json

Bundle-Version: 20220320.0.0

Created-By: Apache Maven Bundle Plugin

Export-Package: org.json;version="20220320.0.0"

Require-Capability: osgi.ee:filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-3.0.0.201509101326

Found in path(s):

\* /opt/cola/permits/1301334072\_1649297165.22/0/json-20220320-jar/META-INF/MANIFEST.MF

# 1.384 byte-buddy 1.11.22

## 1.384.1 Available under license :

Apache License

Version 2.0, January 2004

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# 1.386 jetty-client 9.4.46.v20220331

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

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

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

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- \* java.sun.security.ssl

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

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## OW2

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

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

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

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

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
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- web-common\_3\_0.xsd
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For the following XML Schemas for Java EE Deployment Descriptors:

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- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- web-app\_3\_0.xsd
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- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
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Julian Seward, [jseward@acm.org](mailto:jseward@acm.org)  
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## 1.392 jackson-module-parameter-names

### 2.13.2

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* /opt/cola/permits/1135883181_1613624118.73/0/agent-api-20-6-0-30246-sources-  
jar/com/appdynamics/agent/api/EntryTypes.java  
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jar/com/appdynamics/instrumentation/sdk/util/AgentInfoUtil.java  
\* /opt/cola/permits/1135883181\_1613624118.73/0/agent-api-20-6-0-30246-sources-  
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jar/com/appdynamics/instrumentation/sdk/ASDKPlugin.java  
\* /opt/cola/permits/1135883181\_1613624118.73/0/agent-api-20-6-0-30246-sources-  
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\* /opt/cola/permits/1135883181\_1613624118.73/0/agent-api-20-6-0-30246-sources-  
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\* /opt/cola/permits/1135883181\_1613624118.73/0/agent-api-20-6-0-30246-sources-  
jar/com/appdynamics/instrumentation/sdk/toolbox/reflection/OperationParams.java  
\* /opt/cola/permits/1135883181\_1613624118.73/0/agent-api-20-6-0-30246-sources-  
jar/com/appdynamics/instrumentation/sdk/toolbox/reflection/ReflectorFactory.java  
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jar/com/appdynamics/instrumentation/sdk/template/AGenericInterceptor.java  
\* /opt/cola/permits/1135883181\_1613624118.73/0/agent-api-20-6-0-30246-sources-  
jar/com/appdynamics/instrumentation/sdk/toolbox/reflection/IReflectionBuilder.java  
\* /opt/cola/permits/1135883181\_1613624118.73/0/agent-api-20-6-0-30246-sources-

jar/com/appdynamics/instrumentation/sdk/IRuleAppliable.java  
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jar/com/appdynamics/instrumentation/sdk/toolbox/reflection/IReflector.java  
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jar/com/appdynamics/agent/api/Transaction.java  
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jar/com/appdynamics/agent/api/ExitCall.java  
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jar/com/appdynamics/agent/api/EventPublisher.java  
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jar/com/appdynamics/agent/api/impl/NoOpExitCall.java  
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jar/com/appdynamics/apm/appagent/api/DataScope.java

## 1.396 ehcache-core 3.9.9

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- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/SpecIterator.java
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- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/statistics/StoreOperationOutcomes.java
- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/spi/LifeCycledAdapter.java
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- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/internal/statistics/DefaultCacheStatistics.java
- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/collections/ConcurrentWeakIdentityHashMap.java
- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/EhcacheManager.java
- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/internal/statistics/DelegatingOperationStatistic.java
- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/spi/time/TickingTimeSource.java
- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/events/EventListenerWrapper.java
- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/spi/service/StatisticsService.java
- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/statistics/TierOperationOutcomes.java
- \* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/statistics/BulkOps.java
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\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/StatusTransitioner.java  
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\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/osgi/EhcacheActivator.java

\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/statistics/package-info.java

\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/config/CoreConfigurationBuilder.java

\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/spi/store/WrapperStore.java

\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/statistics/HigherCachingTierOperationOutcomes.java

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\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/statistics/SourceStatistic.java

\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/statistics/CacheStatistics.java

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\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/events/NullStoreEventDispatcher.java  
\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/spi/service/LocalPersistenceService.java  
\* /opt/cola/permits/1297807347\_1648724651.33/0/ehcache-core-3-9-9-sources-jar/org/ehcache/core/osgi/OsgiServiceLoader.java

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jar/org/springframework/core/task/AsyncTaskExecutor.java  
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jar/org/springframework/util/StringUtils.java

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org.springframework.core.ReactiveAdapterRegistry\$SpringCoreBlockHoundIntegration

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\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/codec/ResourceRegionEncoder.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/metrics/StartupStep.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/util/MultiValueMapAdapter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/codec/NettyByteBufferEncoder.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/util/StreamUtils.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/NumberToNumberConverterFactory.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/convert/converter/Converter.java  
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\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/util/CustomizableThreadCreator.java  
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\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/annotation/OrderUtils.java  
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\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/util/CommonsLogWriter.java

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jar/org/springframework/core/convert/support/ByteBufferConverter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/util/InstanceFilter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/util/comparator/Comparators.java  
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jar/org/springframework/util/concurrent/ListenableFutureCallback.java  
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  - \* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/util/AlternativeJdkIdGenerator.java
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jar/org/springframework/core/serializer/DefaultDeserializer.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/codec/DecodingException.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/convert/support/CollectionToObjectConverter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/type/ClassMetadata.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/env/MissingRequiredPropertiesException.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/env/CompositePropertySource.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/convert/ConversionFailedException.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/util/xml/StaxResult.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/convert/converter/GenericConverter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/convert/ConversionService.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/convert/support/ArrayToArrayConverter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/util/xml/AbstractStaxHandler.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/codec/EncodingException.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/io/WritableResource.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/ResolvableTypeProvider.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/MethodClassKey.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/style/DefaultToStringStyler.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/DecoratingClassLoader.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/convert/support/IdToEntityConverter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/env/EnvironmentCapable.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/annotation/Order.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/util/InvalidMimeTypeException.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/NestedExceptionUtils.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-  
jar/org/springframework/core/io/support/VfsPatternUtils.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-

jar/org/springframework/util/xml/AbstractXMLReader.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/AbstractConditionalEnumConverter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/util/concurrent/ListenableFutureAdapter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/util/NumberUtils.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/util/concurrent/FutureAdapter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/io/support/EncodedResource.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/io/support/DefaultPropertySourceFactory.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/io/FileSystemResourceLoader.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/StandardReflectionParameterNameDiscoverer.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ObjectToArrayConverter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToArrayConverter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/util/StringValueResolver.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/style/ToStringStyler.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ConvertingPropertyEditorAdapter.java  
\* /opt/cola/permits/1346652480\_1655478936.383428/0/spring-core-5-3-21-sources-jar/org/springframework/core/codec/CodecException.java

## 1.400 activation-api 1.2.2

### 1.400.1 Available under license :

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# Notices for Jakarta Activation

This content is produced and maintained by Jakarta Activation project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.jaf>

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## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/jaf>

## Third-party Content

This project leverages the following third party content.

JUnit (4.12)

\* License: Eclipse Public License

# 1.401 hibernate 5.4.33

## 1.401.1 Available under license :

```
# The main CI of Hibernate ORM is https://ci.hibernate.org/job/hibernate-orm-6.0-h2-main/.
# However, Hibernate ORM builds run on GitHub actions regularly
# to check that it still works and can be used in GitHub forks.
# See https://docs.github.com/en/free-pro-team@latest/actions
# for more information about GitHub actions.
```

```
name: Hibernate ORM build
```

```
on:
```

```
push:
```

```
  branches:
```

```
    - '5.4'
```

```
pull_request:
```

```
  branches:
```

```
    - '5.4'
```

```
jobs:
```

```
  build:
```

```
    name: Java 8
```

```
    runs-on: ubuntu-latest
```

```
    # We want to know the test results of all matrix entries
```

```
    continue-on-error: true
```

```
    strategy:
```

```
      fail-fast: false
```

```
      matrix:
```

```
        # When GitHub Actions supports it: https://github.com/actions/toolkit/issues/399
```

```
        # We will use the experimental flag as indicator whether a failure should cause a workflow failure
```

```
        include:
```

```
          - rdbms: h2
```

```
            experimental: false
```

```
          # - rdbms: derby
```

```
          #   experimental: true
```

```
          # - rdbms: mariadb
```

```
          #   experimental: true
```

```
          - rdbms: postgresql
```

```
            experimental: true
```

```
          # - rdbms: oracle
```

```
          #   experimental: true
```

```
          # - rdbms: db2
```

```
          #   experimental: true
```

```
          # - rdbms: mssql
```

```
          #   experimental: true
```

```
    steps:
```

```
      - uses: actions/checkout@v2
```

- name: Reclaim Disk Space
  - run: .github/ci-prerequisites.sh
- name: Set up Java 8
  - uses: actions/setup-java@v1
  - with:
    - java-version: 1.8
- name: Get year/month for cache key
  - id: get-date
  - run: |
    - echo "::set-output name=yearmonth::\$(/bin/date -u "+%Y-%m")"
  - shell: bash
- name: Cache Maven local repository
  - uses: actions/cache@v2
  - id: cache-maven
  - with:
    - path: |
      - ~/m2/repository
      - ~/gradle/caches/
      - ~/gradle/wrapper/
    - # refresh cache every month to avoid unlimited growth
    - key: maven-localrepo-\${ { steps.get-date.outputs.yearmonth } }
- name: Run build script
  - env:
    - RDBMS: \${ { matrix.rdbms } }
  - run: ./ci/build-github.sh
  - shell: bash
- name: Upload test reports (if Gradle failed)
  - uses: actions/upload-artifact@v2
  - if: failure()
  - with:
    - name: test-reports-java8-\${ { matrix.rdbms } }
    - path: |
      - ./\*\*/target/reports/tests/
      - ./\*\*/target/reports/checkstyle/
- name: Omit produced artifacts from build cache
  - run: ./ci/before-cache.sh

build11:

- name: Java 11
- runs-on: ubuntu-latest
- # We want to know the test results of all matrix entries
- continue-on-error: true
- steps:
  - uses: actions/checkout@v2
  - name: Set up Java 11
    - uses: actions/setup-java@v1
    - with:
      - java-version: 11
  - name: Get year/month for cache key

```

id: get-date
run: |
  echo "::set-output name=yearmonth::$(/bin/date -u "+%Y-%m")"
shell: bash
- name: Cache Maven local repository
  uses: actions/cache@v2
  id: cache-maven
  with:
    path: |
      ~/.m2/repository
      ~/.gradle/caches/
      ~/.gradle/wrapper/
    # refresh cache every month to avoid unlimited growth
    key: maven-localrepo-${{ steps.get-date.outputs.yearmonth }}
- name: Run build script
  run: ./ci/build-github.sh
  shell: bash
- name: Upload test reports (if Gradle failed)
  uses: actions/upload-artifact@v2
  if: failure()
  with:
    name: test-reports-java11
    path: |
      ./**/target/reports/tests/
      ./**/target/reports/checkstyle/
- name: Omit produced artifacts from build cache
  run: ./ci/before-cache.sh

```

This file is part of Hibernate Spatial, an extension to the hibernate ORM solution for spatial (geographic) data.

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Version 2.1, February 1999

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Eclipse

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

- \* javax.servlet:javax.servlet-api

- \* javax.annotation:javax.annotation-api

- \* javax.transaction:javax.transaction-api

- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications

are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

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OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

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

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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## 1.406 json-smart 2.4.7

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 */
```

Found in path(s):

```
* /opt/cola/permits/1209224814_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/parser/JSONParser.java
* /opt/cola/permits/1209224814_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/parser/JSONParserString.java
* /opt/cola/permits/1209224814_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/JsonReaderI.java
* /opt/cola/permits/1209224814_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/parser/JSONParserBase.java
* /opt/cola/permits/1209224814_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONNavi.java
```

\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/CollectionMapper.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/CompressorMapper.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/FakeMapper.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/parser/JSONParserInputStream.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JStylerObj.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONStyle.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONArray.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/parser/JSONParserStream.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/ArraysMapper.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONAwareEx.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/JsonReader.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/parser/ParseException.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONValue.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/parser/JSONParserReader.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/DefaultMapperCollection.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONAware.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONStreamAware.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONStreamAwareEx.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/DefaultMapperOrdered.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/parser/JSONParserMemory.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/parser/JSONParserByteArray.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONObject.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/BeansMapper.java  
\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/JSONUtil.java  
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\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/META-INF/maven/net.minidev/json-smart/pom.xml

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\* /opt/cola/permits/1209224814\_1633027633.04/0/json-smart-2-4-7-sources-2-jar/net/minidev/json/writer/DefaultMapper.java

# 1.407 jboss-transaction-api 1.1.1.Final

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\* /opt/cola/permits/1141148466\_1614937833.03/0/aws-lambda-java-events-2-2-7-sources-1-jar/com/amazonaws/services/lambda/runtime/events/SQSEvent.java

# 1.410 aws-core 2.17.186

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## 1.413 dozer-spring4 6.5.2

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# 1.414 attoparser 2.0.5.RELEASE

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 */
/**
 * Set the { @code TCP_MD5SIG } option on the socket. See { @code linux/tcp.h } for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */
/**
 * Set the { @code TCP_QUICKACK } option on the socket.
 * See <a href="https://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
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```

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\* /opt/cola/permits/1345501624\_1655357189.624495/0/netty-transport-classes-epoll-4-1-77-final-sources-1-jar/io/netty/channel/epoll/Native.java

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\* Set the {@code TCP\_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.

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- \*/

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\* /opt/cola/permits/1345501624\_1655357189.624495/0/netty-transport-classes-epoll-4-1-77-final-sources-1-jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java

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\* /opt/cola/permits/1350827987\_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/InetNameResolver.java  
\* /opt/cola/permits/1350827987\_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/DefaultAddressResolverGroup.java  
\* /opt/cola/permits/1350827987\_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/DefaultNameResolver.java  
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\* /opt/cola/permits/1350827987\_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java  
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\* /opt/cola/permits/1350827987\_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/HostsFileParser.java  
\* /opt/cola/permits/1350827987\_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/CompositeNameResolver.java

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\* /opt/cola/permits/1350827987\_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/NoopAddressResolver.java

```
* /opt/cola/permits/1350827987_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/cola/permits/1350827987_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/NameResolver.java
* /opt/cola/permits/1350827987_1656063954.5650308/0/netty-resolver-4-1-78-final-sources-1-jar/io/netty/resolver/AddressResolverGroup.java
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\* /opt/cola/permits/1152463046\_1618242049.93/0/springdoc-openapi-data-rest-1-5-2-sources-jar/org/springdoc/data/rest/core/DataRestTagsService.java  
\* /opt/cola/permits/1152463046\_1618242049.93/0/springdoc-openapi-data-rest-1-5-2-sources-jar/org/springdoc/data/rest/core/DataRestRouterOperationService.java  
\* /opt/cola/permits/1152463046\_1618242049.93/0/springdoc-openapi-data-rest-1-5-2-sources-jar/org/springdoc/data/rest/core/DataRestOperationService.java  
\* /opt/cola/permits/1152463046\_1618242049.93/0/springdoc-openapi-data-rest-1-5-2-sources-jar/org/springdoc/data/rest/customisers/QuerydslPredicateOperationCustomizer.java  
\* /opt/cola/permits/1152463046\_1618242049.93/0/springdoc-openapi-data-rest-1-5-2-sources-jar/org/springdoc/data/rest/SpringDocDataRestConfiguration.java

## 1.426 zstd-jni 1.5.0-2

### 1.426.1 Available under license :

BSD-2-Clause

## 1.427 spring-security-config 5.6.6

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## 1.428 netty-codec-http 4.1.78.Final

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// <https://tools.ietf.org/html/rfc7540#section-8.1.2.2> makes a special exception for TE

Found in path(s):

\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-

jar/io/netty/handler/codec/http2/HttpConversionUtil.java

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jar/io/netty/handler/codec/http2/Http2DataChunkedInput.java

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jar/io/netty/handler/codec/http2/Http2ConnectionPrefaceAndSettingsFrameWrittenEvent.java  
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jar/io/netty/handler/codec/http2/DefaultHttp2PushPromiseFrame.java

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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2PriorityFrame.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2PushPromiseFrame.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/DefaultHttp2PriorityFrame.java
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jar/io/netty/handler/codec/http2/DecoratingHttp2FrameWriter.java
```

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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/StreamByteDistributor.java
```

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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/AbstractInboundHttp2ToHttpAdapterBuilder.java
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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/DecoratingHttp2ConnectionEncoder.java
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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/InboundHttp2ToHttpAdapterBuilder.java
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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/StreamBufferingEncoder.java
```

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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/UniformStreamByteDistributor.java
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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/WeightedFairQueueByteDistributor.java
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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/DecoratingHttp2ConnectionDecoder.java
```

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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2StreamVisitor.java
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* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2PromisedRequestVerifier.java
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jar/io/netty/handler/codec/http2/Http2StreamChannelId.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2MultiplexCodecBuilder.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2FrameStreamEvent.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/CleartextHttp2ServerUpgradeHandler.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2FrameCodecBuilder.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/DefaultHttp2UnknownFrame.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2StreamChannel.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2UnknownFrame.java
* /opt/cola/permits/1424749363_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-
jar/io/netty/handler/codec/http2/Http2StreamChannelBootstrap.java
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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2GoAwayFrame.java

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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2ChannelDuplexHandler.java

\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2FrameCodec.java

\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2WindowUpdateFrame.java

\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2MultiplexCodec.java

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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-

jar/io/netty/handler/codec/http2/Http2ResetFrame.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2DataFrame.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2GoAwayFrame.java  
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jar/io/netty/handler/codec/http2/Http2SettingsFrame.java  
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jar/io/netty/handler/codec/http2/Http2PingFrame.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2HeadersFrame.java  
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jar/io/netty/handler/codec/http2/AbstractHttp2StreamFrame.java  
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jar/io/netty/handler/codec/http2/Http2FrameStreamVisitor.java  
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jar/io/netty/handler/codec/http2/InboundHttpToHttp2Adapter.java  
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jar/io/netty/handler/codec/http2/DefaultHttp2HeadersFrame.java  
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jar/io/netty/handler/codec/http2/DefaultHttp2WindowUpdateFrame.java  
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jar/io/netty/handler/codec/http2/ReadOnlyHttp2Headers.java  
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jar/io/netty/handler/codec/http2/Http2StreamFrameToHttpObjectCodec.java  
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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2ControlFrameLimitEncoder.java

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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2ConnectionHandler.java

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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2EventAdapter.java

\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2FrameReader.java

\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2LocalFlowController.java

\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-

jar/io/netty/handler/codec/http2/Http2Connection.java  
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jar/io/netty/handler/codec/http2/Http2Exception.java  
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jar/io/netty/handler/codec/http2/DefaultHttp2HeadersEncoder.java  
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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2FrameWriter.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/DefaultHttp2Headers.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2HeadersEncoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2ConnectionAdapter.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2DataWriter.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/DefaultHttp2FrameWriter.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2NoMoreStreamIdsException.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/DefaultHttp2ConnectionEncoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2FrameReader.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2FrameTypes.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/DefaultHttp2HeadersDecoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2ClientUpgradeCodec.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2CodecUtil.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2HeadersDecoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/DelegatingDecompressorFrameListener.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2Flags.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-

jar/io/netty/handler/codec/http2/Http2RemoteFlowController.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2ServerUpgradeCodec.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2FrameAdapter.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2FrameListenerDecorator.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2FrameSizePolicy.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/DefaultHttp2ConnectionDecoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2LifecycleManager.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/HttpToHttp2ConnectionHandler.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/EmptyHttp2Headers.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2FrameListener.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2Settings.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/CompressorHttp2ConnectionEncoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/InboundHttp2ToHttpAdapter.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-  
jar/io/netty/handler/codec/http2/Http2Stream.java

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jar/io/netty/handler/codec/http2/AbstractHttp2StreamChannel.java

\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2MultiplexHandler.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/MaxCapacityQueue.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2SettingsAckFrame.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2SettingsAckFrame.java

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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2FrameLogger.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2InboundFrameLogger.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2SecurityUtil.java

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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/AbstractHttp2ConnectionHandlerBuilder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/Http2ConnectionHandlerBuilder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/HttpToHttp2ConnectionHandlerBuilder.java

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\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/HpackHuffmanDecoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/HpackHeaderField.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/HpackStaticTable.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/HpackDecoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/HpackEncoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/HpackHuffmanEncoder.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/HpackDynamicTable.java  
\* /opt/cola/permits/1424749363\_1663931819.673183/0/netty-codec-http2-4-1-78-final-sources-1-jar/io/netty/handler/codec/http2/HpackUtil.java

## 1.429 aws-java-sdk-kms 1.12.57

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*/
```

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\*/

/\*\*

\* <p>

\* Identifies the customer master key (CMK) for the grant. The grant gives principals permission to use this CMK.

\* </p>

\* <p>

\* Specify the key ID or key ARN of the CMK. To specify a CMK in a different AWS account, you must use the key ARN.

\* </p>

\* <p>

\* For example:

\* </p>

\* <ul>

\* <li>

\* <p>

\* Key ID: `1234abcd-12ab-34cd-56ef-1234567890ab`

\* </p>

\* </li>

\* <li>

\* <p>

\* Key ARN: `arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-1234567890ab`

\* </p>

\* </li>

\* </ul>

\* <p>

\* To get the key ID and key ARN for a CMK, use `ListKeys` or `DescribeKey`.

\* </p>

\*/

/\*\*

\* <p>

\* Identifies the customer master key (CMK) for the grant. The grant gives principals permission to use this CMK.

\* </p>

\* <p>

\* Specify the key ID or key ARN of the CMK. To specify a CMK in a different AWS account, you must use the key ARN.

\* </p>

\* <p>

\* For example:

```

* </p>
* <ul>
* <li>
* <p>
* Key ID: <code>1234abcd-12ab-34cd-56ef-1234567890ab</code>
* </p>
* </li>
* <li>
* <p>
* Key ARN: <code>arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-1234567890ab</code>
* </p>
* </li>
* </ul>
* <p>
* To get the key ID and key ARN for a CMK, use <a>ListKeys</a> or <a>DescribeKey</a>.
* </p>
*
* @param keyId
*   Identifies the customer master key (CMK) for the grant. The grant gives principals permission to use this
*   CMK.</p>
*   <p>
*   Specify the key ID or key ARN of the CMK. To specify a CMK in a different AWS account, you must use
the
*   key ARN.
*   </p>
*   <p>
*   For example:
*   </p>
*   <ul>
*   <li>
*   <p>
*   Key ID: <code>1234abcd-12ab-34cd-56ef-1234567890ab</code>
*   </p>
*   </li>
*   <li>
*   <p>
*   Key ARN: <code>arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-
1234567890ab</code>
*   </p>
*   </li>
*   </ul>
*   <p>
*   To get the key ID and key ARN for a CMK, use <a>ListKeys</a> or <a>DescribeKey</a>.
*/
/**
* <p>
* Identifies the customer master key (CMK) for the grant. The grant gives principals permission to use this CMK.
* </p>

```

\* <p>

\* Specify the key ID or key ARN of the CMK. To specify a CMK in a different AWS account, you must use the key ARN.

\* </p>

\* <p>

\* For example:

\* </p>

- \* <ul>
- \* <li>
- \* <p>
- \* Key ID: <code>1234abcd-12ab-34cd-56ef-1234567890ab</code>
- \* </p>
- \* </li>
- \* <li>
- \* <p>
- \* Key ARN: <code>arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-1234567890ab</code>
- \* </p>
- \* </li>
- \* </ul>
- \* <p>
- \* To get the key ID and key ARN for a CMK, use <a>ListKeys</a> or <a>DescribeKey</a>.
- \* </p>
- \* </li>
- \* @return Identifies the customer master key (CMK) for the grant. The grant gives principals permission to use this

\* CMK.</p>

\* <p>

\* Specify the key ID or key ARN of the CMK. To specify a CMK in a different AWS account, you must use the

\* key ARN.

\* </p>

\* <p>

\* For example:

\* </p>

- \* <ul>
- \* <li>
- \* <p>
- \* Key ID: <code>1234abcd-12ab-34cd-56ef-1234567890ab</code>
- \* </p>
- \* </li>
- \* <li>
- \* <p>
- \* Key ARN: <code>arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-1234567890ab</code>
- \* </p>
- \* </li>
- \* </ul>
- \* <p>

\* To get the key ID and key ARN for a CMK, use `<a>ListKeys</a>` or `<a>DescribeKey</a>`.

\*/

Found in path(s):

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/CreateGrantRequest.java

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\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyWithoutPlaintextRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DisableKeyRotationResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ListRetirableGrantsRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/EncryptionAlgorithmSpec.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ListGrantsRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/MultiRegionKeyMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ListResourceTagsRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/MultiRegionKeyType.java

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\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CreateKeyRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-

jar/com/amazonaws/services/kms/model/transform/ListKeysRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DependencyTimeoutExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/EnableKeyRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreInvalidStateExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/InvalidGrantTokenException.java  
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jar/com/amazonaws/services/kms/model/transform/UntagResourceResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/UpdateCustomKeyStoreResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GenerateDataKeyPairWithoutPlaintextRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/SigningAlgorithmSpec.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DescribeKeyResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CancelKeyDeletionRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/PutKeyPolicyResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/VerifyRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GetPublicKeyRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ScheduleKeyDeletionRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyWithoutPlaintextResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DeleteCustomKeyStoreResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CreateAliasResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/UpdatePrimaryRegionResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ListKeysRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterInvalidConfigurationExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GenerateRandomResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/InvalidAliasNameException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/EnableKeyRotationRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DecryptResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/InvalidKeyUsageException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DeleteCustomKeyStoreRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UpdateCustomKeyStoreRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreNotFoundExceptionUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CreateCustomKeyStoreResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairWithoutPlaintextRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/KeyListEntryJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ConnectCustomKeyStoreResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/CloudHsmClusterNotActiveException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListResourceTagsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListRetirableGrantsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/EnableKeyRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UpdateKeyDescriptionRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ListKeysRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/TagException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/EnableKeyRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ListResourceTagsResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/TagResourceRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/UpdateKeyDescriptionRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListGrantsResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/TagJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/RetireGrantRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-

jar/com/amazonaws/services/kms/model/ExpirationModelType.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ConnectCustomKeyStoreRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DescribeKeyRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/UpdateKeyDescriptionRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GrantListEntryMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GrantConstraintsJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/InvalidMarkerExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/UpdateAliasRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ReEncryptRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DecryptRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CreateAliasResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ScheduleKeyDeletionRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/UpdateCustomKeyStoreRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CreateGrantResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/UpdatePrimaryRegionResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DeleteCustomKeyStoreRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ListKeysResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DisableKeyRotationRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GenerateDataKeyWithoutPlaintextResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/EncryptResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ConnectCustomKeyStoreRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/VerifyResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/VerifyRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-

jar/com/amazonaws/services/kms/model/DisableKeyResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DescribeCustomKeyStoresRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DeleteImportedKeyMaterialRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/WrappingKeySpec.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/KMSInvalidSignatureExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ImportKeyMaterialResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ListResourceTagsRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/UntagResourceRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/SignRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GetPublicKeyRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CustomKeyNameInUseException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ScheduleKeyDeletionResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/OriginType.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GetKeyPolicyRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DisableKeyRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterInUseExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/TagResourceRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/UntagResourceRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DeleteAliasRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CreateKeyResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ReEncryptRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/RevokeGrantRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DescribeCustomKeyStoresResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ListAliasesRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-

jar/com/amazonaws/services/kms/model/transform/ImportKeyMaterialRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CreateKeyRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreHasCMKsExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DeleteImportedKeyMaterialRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/MalformedPolicyDocumentException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CustomKeyStoresListEntry.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ImportKeyMaterialRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/UpdateKeyDescriptionResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/KeyMetadata.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GetKeyRotationStatusResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ListRetirableGrantsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/AlreadyExistsExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DisableKeyRotationRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/KMSInvalidStateExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/UpdateAliasRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DisableKeyRotationResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/AWSKMSClientBuilder.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/RevokeGrantRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/KeyState.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/KMSInternalExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/NotFoundException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DataKeyPairSpec.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/EnableKeyResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-

jar/com/amazonaws/services/kms/model/ReEncryptResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/EnableKeyRotationResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DependencyTimeoutException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/KeyUnavailableExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DisconnectCustomKeyStoreRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GenerateDataKeyRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GetKeyPolicyRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/MalformedPolicyDocumentExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DisconnectCustomKeyStoreResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DisableKeyRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DeleteImportedKeyMaterialResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DisableKeyRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/InvalidArnExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CreateCustomKeyStoreRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GetParametersForImportRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/RevokeGrantResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CancelKeyDeletionResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GetParametersForImportResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CreateCustomKeyStoreResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CloudHsmClusterNotRelatedException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/SignResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DescribeKeyResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ListRetirableGrantsRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GrantOperation.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-

jar/com/amazonaws/services/kms/model/CreateAliasRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ImportKeyMaterialResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/EnableKeyRotationResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GetPublicKeyRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/KMSInvalidSignatureException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/MultiRegionKey.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/EncryptRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/AWSKMSEException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/RetireGrantResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/AbstractAWSKMS.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CloudHsmClusterInvalidConfigurationException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DeleteAliasRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/IncorrectKeyMaterialException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/MessageType.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GrantConstraints.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/AliasListEntryJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CreateGrantRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/SignResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GenerateRandomResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/EnableKeyRotationRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CreateKeyRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/KeyUsageType.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairWithoutPlaintextResultJsonUnmarshaller.java  
ava  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ListGrantsResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ExpiredImportTokenExceptionUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UpdateAliasResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CreateCustomKeyStoreRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DisabledExceptionUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/TagResourceResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/LimitExceededException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GetParametersForImportRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/PutKeyPolicyRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/UpdateAliasResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/EnableKeyResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/MultiRegionKeyJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/AWSKMSAsyncClient.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/AWSKMSAsyncClientBuilder.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/UpdateCustomKeyStoreResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DisconnectCustomKeyStoreRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/PutKeyPolicyRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DeleteCustomKeyStoreResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/VerifyResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/IncorrectTrustAnchorExceptionUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UntagResourceRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/IncorrectTrustAnchorException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/KeyListEntry.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/UpdatePrimaryRegionRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ImportKeyMaterialRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/LimitExceededExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/DecryptResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DeleteImportedKeyMaterialRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/KeyUnavailableException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ConnectCustomKeyStoreResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListKeyPoliciesRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/VerifyRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/DisabledException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListKeyPoliciesRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GetKeyRotationStatusRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DecryptRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/UntagResourceResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/MultiRegionConfigurationJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/InvalidCiphertextExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListGrantsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/InvalidGrantTokenExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/AWSKMSClient.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/AWSKMSAsync.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListResourceTagsRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UpdateKeyDescriptionResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/DeleteImportedKeyMaterialResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ListKeyPoliciesRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/CloudHsmClusterInUseException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ScheduleKeyDeletionResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DescribeCustomKeyStoresRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DisconnectCustomKeyStoreRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/GetPublicKeyResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ReEncryptResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/InvalidImportTokenException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/IncorrectKeyMaterialExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/DataKeySpec.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyWithoutPlaintextRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyPairResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CreateKeyResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/RetireGrantRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/RetireGrantRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UnsupportedOperationExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/AliasListEntry.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GrantConstraintsMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/Tag.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListAliasesRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/SignRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoresListEntryMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/IncorrectKeyExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UpdateAliasRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/EncryptRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/MultiRegionConfigurationMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterNotActiveExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListAliasesResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DisableKeyResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DisableKeyRotationRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/InvalidCiphertextException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ScheduleKeyDeletionRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GetPublicKeyResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterNotRelatedExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ListAliasesResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/IncorrectKeyException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/TagResourceRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/CustomKeyStoreNotFoundException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/GenerateRandomRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/NotFoundExceptionHandler.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GenerateRandomRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoresListEntryJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListGrantsRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GenerateRandomRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UpdatePrimaryRegionRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ReplicateKeyResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/GetParametersForImportResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/DeleteCustomKeyStoreRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ReEncryptRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/package-info.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/CloudHsmClusterNotFoundException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/CustomKeyStoreHasCMKsException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/InvalidImportTokenExceptionUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/MultiRegionConfiguration.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/AliasListEntryMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UpdateCustomKeyStoreRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ConnectionStateType.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CancelKeyDeletionRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GetParametersForImportRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/InvalidArnException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/UpdatePrimaryRegionRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyPairRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ListRetirableGrantsResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/CustomKeyStoreInvalidStateException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/ReplicateKeyResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/AbstractAWSKMSAsync.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CreateAliasRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/InvalidMarkerException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/InvalidKeyUsageExceptionUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/InvalidGrantIdException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CreateCustomKeyStoreRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/KMSInvalidStateException.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GetKeyRotationStatusRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreNameInUseExceptionUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GetKeyPolicyRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/GetKeyRotationStatusRequest.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/KeyManagerType.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ReplicateKeyRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/ListKeyPoliciesResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/TagMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/GrantListEntry.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/InvalidGrantIdExceptionUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/EnableKeyRotationRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/CustomMasterKeySpec.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DeleteAliasRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GetKeyPolicyResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/CreateGrantResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyPairWithoutPlaintextResult.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyWithoutPlaintextRequestProtocolMarshaller.java

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\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/RevokeGrantResultJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/InvalidAliasNameExceptionUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CreateAliasRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/CreateGrantRequestMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/DescribeKeyRequestProtocolMarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-jar/com/amazonaws/services/kms/model/transform/GrantListEntryJsonUnmarshaller.java

\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-

jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairWithoutPlaintextRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/AlreadyExistsException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ReplicateKeyRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/TagResourceResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/RetireGrantResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterNotFoundExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/AlgorithmSpec.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/PutKeyPolicyRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ExpiredImportTokenException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/KeyMetadataMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/EncryptRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ListKeysResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/AWSKMS.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DescribeKeyRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ConnectCustomKeyStoreRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DescribeCustomKeyStoresResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/RevokeGrantRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GetKeyPolicyResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/SignRequestProtocolMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ConnectionErrorCodeType.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/GetKeyRotationStatusResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ListKeyPoliciesResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/ListAliasesRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/GenerateDataKeyResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-

jar/com/amazonaws/services/kms/model/UnsupportedOperationException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/PutKeyPolicyResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DisconnectCustomKeyStoreResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/KeyMetadataJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/KeyListEntryMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/CancelKeyDeletionRequest.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DeleteAliasResultJsonUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/DeleteAliasResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/DescribeCustomKeyStoresRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/KMSInternalException.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/TagExceptionUnmarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/ReplicateKeyRequestMarshaller.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/EncryptResult.java  
\* /opt/cola/permits/1261985874\_1643339980.82/0/aws-java-sdk-kms-1-12-57-sources-  
jar/com/amazonaws/services/kms/model/transform/CancelKeyDeletionResultJsonUnmarshaller.java

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\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/units/Month.java  
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\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/units/Century.java  
\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/i18n/Resources\_gl.java  
\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/i18n/Resources\_it.java  
\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/i18n/Resources\_sl.java  
\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/units/TimeUnitComparator.java  
\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/i18n/Resources\_es.java  
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\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/i18n/Resources\_de.java  
\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/i18n/Resources\_zh\_HK.java  
\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-jar/org/ocpsoft/prettytime/i18n/Resources\_zh.java

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\* /opt/ws\_local/PERMITS\_SQL/1068253739\_1594325779.44/0/prettytime-4-0-5-final-sources-

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

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

The following artifacts are EPL and CDDL 1.0.  
\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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#### Oracle OpenJDK

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

- \* java.sun.security.ssl

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

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

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#### OW2

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

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

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#### Apache

The following artifacts are ASL2 licensed.

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

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#### MortBay

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

- org.mortbay.jasper:apache-jsp
- org.apache.tomcat:tomcat-jasper

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

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

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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## 1.437 pax-utils 1.3.3-r0

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## Eclipse

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

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

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

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

-----

## Oracle OpenJDK

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

- \* java.sun.security.ssl

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

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

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## OW2

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

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

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

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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## 1.439 reactive-streams 1.0.4

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## 2.2.6.RELEASE

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 */
```

Found in path(s):

```
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/context/config/xml/StackConfigurationBeanDefinitionParser.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/context/support/env/AwsCloudEnvironmentCheckUtils.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/context/config/annotation/EnableContextResourceLoader.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/cache/redis/RedisCacheFactory.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/context/config/annotation/ContextInstanceDataConfiguration.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/mail/config/xml/SimpleEmailServiceBeanDefinitionParser.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/context/config/annotation/ContextRegionConfigurationRegistrar.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/context/annotation/ConditionalOnMissingAmazonClient.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/mail/config/xml/MailNamespaceHandler.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/context/config/annotation/ContextCredentialsConfigurationRegistrar.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/context/annotation/ConditionalOnMissingAwsCloudEnvironment.java
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
```

jar/org/springframework/cloud/aws/context/config/support/ContextConfigurationUtils.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/cache/AbstractCacheFactory.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/annotation/EnableContextInstanceData.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/annotation/ContextDefaultConfigurationRegistrar.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/annotation/OnClassCondition.java  
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jar/org/springframework/cloud/aws/context/annotation/OnMissingAmazonClientCondition.java  
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\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/xml/GlobalBeanDefinitionUtils.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/xml/ContextNamespaceHandler.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/cache/config/annotation/EnableElastiCache.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/cache/config/xml/CacheNamespaceHandler.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/support/io/SimpleStorageProtocolResolverConfigurer.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/cache/memcached/MemcachedCacheFactory.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/cache/CacheFactory.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/annotation/OnAwsCloudEnvironmentCondition.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/xml/ContextInstanceDataPropertySourceBeanDefinitionParser.java  
va  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/annotation/ContextResourceLoaderConfiguration.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/annotation/EnableContextRegion.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/AmazonEc2InstanceDataPropertySourcePostProcessor.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/cache/config/annotation/ElastiCacheCachingConfiguration.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/cache/config/annotation/ElastiCacheCacheConfigurer.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/annotation/OnMissingAwsCloudEnvironmentCondition.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/xml/ContextCredentialsBeanDefinitionParser.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-  
jar/org/springframework/cloud/aws/context/config/annotation/ContextStackConfiguration.java

\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/mail/simplemail/SimpleEmailServiceJavaMailSender.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/context/config/annotation/EnableContextCredentials.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/context/config/xml/ContextResourceLoaderBeanDefinitionParser.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/mail/simplemail/SimpleEmailServiceMailSender.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/context/annotation/ConditionalOnClass.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/context/config/annotation/EnableStackConfiguration.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/cache/config/annotation/CacheClusterConfig.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/context/config/xml/ContextRegionBeanDefinitionParser.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/context/annotation/ConditionalOnAwsCloudEnvironment.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/cache/ElastiCacheFactoryBean.java  
\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/cache/memcached/SimpleSpringMemcached.java

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Found in path(s):

\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/mail/config/xml/spring-cloud-aws-mail-1.0.xsd

\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/context/config/xml/spring-cloud-aws-context-1.2.xsd

\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/META-INF/maven/org.springframework.cloud/spring-cloud-aws-context/pom.xml

\* /opt/cola/permits/1230781686\_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/org/springframework/cloud/aws/mail/config/xml/spring-cloud-aws-mail-1.2.xsd

```
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/context/config/xml/spring-cloud-aws-context-1.0.xsd
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/cache/config/xml/spring-cloud-aws-cache-1.2.xsd
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-
jar/org/springframework/cloud/aws/cache/config/xml/spring-cloud-aws-cache-1.0.xsd
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# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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# limitations under the License.
#
http://www.springframework.org/schema/cloud/aws/context=org.springframework.cloud.aws.context.config.xml.C
ontextNamespaceHandler
http://www.springframework.org/schema/cloud/aws/cache=org.springframework.cloud.aws.cache.config.xml.Cach
eNamespaceHandler
http://www.springframework.org/schema/cloud/aws/mail=org.springframework.cloud.aws.mail.config.xml.MailNa
mespaceHandler
```

Found in path(s):

```
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/META-
INF/spring.handlers
No license file was found, but licenses were detected in source scan.
```

```
#
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```

```
# limitations under the License.
#
http://www.springframework.org/schema/cloud/aws/context/spring-cloud-aws-context-
1.0.xsd=org/springframework/cloud/aws/context/config/xml/spring-cloud-aws-context-
1.0.xsd
http://www.springframework.org/schema/cloud/aws/context/spring-cloud-aws-context-
1.2.xsd=org/springframework/cloud/aws/context/config/xml/spring-cloud-aws-context-
1.2.xsd
http://www.springframework.org/schema/cloud/aws/context/spring-cloud-aws-
context.xsd=org/springframework/cloud/aws/context/config/xml/spring-cloud-aws-context-
1.2.xsd
http://www.springframework.org/schema/cloud/aws/cache/spring-cloud-aws-cache-
1.0.xsd=org/springframework/cloud/aws/cache/config/xml/spring-cloud-aws-cache-
1.0.xsd
http://www.springframework.org/schema/cloud/aws/cache/spring-cloud-aws-cache-
1.2.xsd=org/springframework/cloud/aws/cache/config/xml/spring-cloud-aws-cache-
1.2.xsd
http://www.springframework.org/schema/cloud/aws/cache/spring-cloud-aws-
cache.xsd=org/springframework/cloud/aws/cache/config/xml/spring-cloud-aws-cache-
1.2.xsd
http://www.springframework.org/schema/cloud/aws/mail/spring-cloud-aws-mail-
1.0.xsd=org/springframework/cloud/aws/mail/config/xml/spring-cloud-aws-mail-
1.0.xsd
http://www.springframework.org/schema/cloud/aws/mail/spring-cloud-aws-mail-
1.2.xsd=org/springframework/cloud/aws/mail/config/xml/spring-cloud-aws-mail-
1.2.xsd
http://www.springframework.org/schema/cloud/aws/mail/spring-cloud-aws-
mail.xsd=org/springframework/cloud/aws/mail/config/xml/spring-cloud-aws-mail-
1.2.xsd
```

Found in path(s):

```
* /opt/cola/permits/1230781686_1637569886.92/0/spring-cloud-aws-context-2-2-6-release-sources-jar/META-
INF/spring.schemas
```

## 1.442 mkfontscale 1.2.1-r1

### 1.442.1 Available under license :

```
/*
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* from this software without specific prior written permission.
* THIS SOFTWARE IS PROVIDED ``AS IS" AND WITHOUT ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
* WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
*/
# Automatically generated by apkbuild-cpan, template 1
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Valery Kartel <valery.kartel@gmail.com>
```

```

pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2911
pkgrel=1
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
license="GPL PerlArtistic"
cpandepends=""
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/${_pkgreal}-${pkgver}.tar.gz"

builddir="$srcdir/${_pkgreal}-${pkgver}"

prepare() {
    default_prepare

    cd "$builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    make
}

check() {
    cd "$builddir"
    make test
}

package() {
    cd "$builddir"
    make DESTDIR="$pkgdir" install
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16
dfa5417f663b8065ba65f4fea16dc9262728b3b6b85 BSD-Resource-1.2911.tar.gz"
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.5

```

```

pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check"
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdfnt rdfturtle rdfxml template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

build() {
    cd "$builddir"
}

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in $builddir/text/*.txt; do
        local license=${i##*/}
        echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="4b4bcde554ee69e9e0703152a2d09e2a3c49314718d6b7e0847c0dff6a989d5d4684d152e899e8bbbb3b
a2767ded027eacfe1eb6aecff945ef2c5aa933cfd2ec license-list-data-3.5.tar.gz"
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```

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Hwaci  
6200 Maple Cove Lane  
Charlotte, NC 28269  
USA

A template copyright release is available in PDF or HTML. You can use this release to make future changes.

```
see http://www.sqlite.org/copyright.html
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.0
pkgrel=2
pkgdesc="Extension for flake8 which checks for copyrights"
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="flake8"
makedepends="python3-dev"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-${pkgver}
```

```
build() {
    cd "$builddir"
    python3 setup.py build || return 1
}
```

```
package() {
    cd "$builddir"
    python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1
}
```

```
md5sums="c6348990c6d74933bf5d5f6a55a14bdf flake8-copyright-0.2.0.tar.gz"
sha256sums="aeef26eb4d5223c9cd5b101e68175fcef6d2b353bf36da688fdde62fccfe2b73 flake8-copyright-0.2.0.tar.gz"
sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528faff5d586c3b1be9570f4a977a7e2417b586e543bfba12abce256b2023c8c4993eeb90 flake8-copyright-0.2.0.tar.gz"
```

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pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0+"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-$pkgver.tar.bz2"
"

builddir="$srcdir"/libart-lgpl-$pkgver

prepare() {
    cd "$builddir"
    update_config_sub
    default_prepare
}

build() {
    cd "$builddir"
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}

package() {
    cd "$builddir"
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart-lgpl-2.3.21.tar.bz2"
mini_sendmail - accept email on behalf of real sendmail

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## 1.443 spring-web 5.3.23

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## 1.444 jackson-dataformat-yaml 2.13.4

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## 1.447 sparsebitset 1.2

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  <developers>
    <developer>
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      <email>brett.wooldridge@gmail.com</email>
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Found in path(s):

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# 1.448 accessors-smart 2.4.8

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Manifest-Version: 1.0

Bnd-LastModified: 1644737816481

Build-Jdk: 11.0.14

Built-By: uriel

Bundle-Description: Java reflect give poor performance on getter setter  
an constructor calls, accessors-smart use ASM to speed up those calls.

Bundle-DocURL: <https://urielch.github.io/>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: accessors-smart

Bundle-SymbolicName: net.minidev.accessors-smart

Bundle-Vendor: Chemouni Uriel

Bundle-Version: 2.4.8

Created-By: Apache Maven Bundle Plugin

Export-Package: net.minidev.asm;uses:="org.objectweb.asm";version="2.4.8",net.minidev.asm.ex;version="2.4.8"

Import-Package: org.objectweb.asm;version="[8.0,10)",net.minidev.asm.ex

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

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\* /opt/cola/permits/1301894995\_1649303844.26/0/accessors-smart-2-4-8-1-jar/META-INF/MANIFEST.MF

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# 1.449 commons-lang3 3.11

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## 1.452 netty-codec-http 4.1.82.Final

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- \* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/HpackHuffmanDecoder.java
- \* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/HpackDynamicTable.java
- \* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/HpackHeaderField.java
- \* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/HpackUtil.java
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- \* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/Http2FrameLogger.java
- \* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/Http2OutboundFrameLogger.java
- \* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/Http2InboundFrameLogger.java

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// https://tools.ietf.org/html/rfc7540#section-8.1.2.2 makes a special exception for TE
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* /opt/cola/permits/1434218496_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-
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* /opt/cola/permits/1434218496_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-
jar/io/netty/handler/codec/http2/Http2HeadersDecoder.java
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jar/io/netty/handler/codec/http2/Http2ConnectionDecoder.java
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jar/io/netty/handler/codec/http2/DefaultHttp2FrameReader.java  
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jar/io/netty/handler/codec/http2/DelegatingDecompressorFrameListener.java  
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jar/io/netty/handler/codec/http2/Http2DataWriter.java  
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\* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-  
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\* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-  
jar/io/netty/handler/codec/http2/Http2ServerUpgradeCodec.java  
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jar/io/netty/handler/codec/http2/DefaultHttp2HeadersEncoder.java  
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jar/io/netty/handler/codec/http2/Http2ConnectionEncoder.java  
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jar/io/netty/handler/codec/http2/Http2Headers.java  
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jar/io/netty/handler/codec/http2/Http2ConnectionAdapter.java  
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jar/io/netty/handler/codec/http2/DefaultHttp2RemoteFlowController.java  
\* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-

jar/io/netty/handler/codec/http2/Http2ClientUpgradeCodec.java  
\* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-  
jar/io/netty/handler/codec/http2/Http2FrameListener.java  
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jar/io/netty/handler/codec/http2/Http2FrameReader.java  
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jar/io/netty/handler/codec/http2/Http2FrameTypes.java  
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jar/io/netty/handler/codec/http2/EmptyHttp2Headers.java  
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jar/io/netty/handler/codec/http2/Http2FrameWriter.java  
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jar/io/netty/handler/codec/http2/DefaultHttp2FrameWriter.java  
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jar/io/netty/handler/codec/http2/HttpToHttp2ConnectionHandler.java  
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jar/io/netty/handler/codec/http2/Http2EventAdapter.java

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\* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/Http2ConnectionHandlerBuilder.java

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jar/io/netty/handler/codec/http2/AbstractHttp2StreamFrame.java  
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jar/io/netty/handler/codec/http2/Http2StreamChannelId.java
* /opt/cola/permits/1434218496_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-
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* /opt/cola/permits/1434218496_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-
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\* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/Http2DataChunkedInput.java

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Found in path(s):

\* /opt/cola/permits/1434218496\_1664996134.032397/0/netty-codec-http2-4-1-82-final-sources-jar/io/netty/handler/codec/http2/Http2ConnectionPrefaceAndSettingsFrameWrittenEvent.java

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jar/com/amazonaws/util/endpoint/RegionFromEndpointResolver.java  
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jar/com/amazonaws/util/endpoint/DefaultRegionFromEndpointResolver.java  
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jar/com/amazonaws/auth/RegionFromEndpointResolverAwareSigner.java

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jar/com/amazonaws/internal/auth/SignerProvider.java  
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jar/com/amazonaws/internal/auth/SignerProviderContext.java  
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jar/com/amazonaws/adapters/types/TypeAdapter.java  
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/SdkBaseException.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/StringInputStream.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/ClientConfigurationFactory.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/SdkClock.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/protocol/Protocol.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/client/AwsAsyncClientParams.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/SdkFunction.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/AWSStaticCredentialsProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/retry/v2/RetryCondition.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/client/builder/AwsClientBuilder.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/TimingInfoUnmodifiable.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/protocol/json/internal/JsonMarshallerContext.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/RequestConfig.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/retry/v2/FixedDelayBackoffStrategy.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/profile/path/cred/CredentialsLegacyConfigLocationProvider.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/profile/path/AwsProfileFileLocationProvider.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/profile/path/config/SharedConfigDefaultLocationProvider.java  
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/regions/EndpointToRegion.java  
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/protocol/json/SdkJsonMarshallerFactory.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/protocol/json/JsonContentTypeResolverImpl.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/protocol/json/JsonOperationMetadata.java

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\* Interface for providing AWS credentials. Implementations are free to use any

\* strategy for providing AWS credentials, such as simply providing static

\* credentials that don't change, or more complicated implementations, such as

\* integrating with existing key management systems.

\*/

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/MetricAdminMBean.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/json/Jackson.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/jmx/spi/JmxInfoProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/MetricAdmin.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/RequestClientOptions.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/ServiceClientHolderInputStream.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/AWSSessionCredentials.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/AWSSessionCredentialsProvider.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/BasicSessionCredentials.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/jmx/JmxInfoProviderSupport.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/ClassLoaderHelper.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/annotation/Beta.java

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jar/com/amazonaws/http/apache/client/impl/ApacheConnectionFactory.java  
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* /opt/cola/permits/1207875544_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-  
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* /opt/cola/permits/1207875544_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-  
jar/com/amazonaws/http/apache/client/impl/ApacheHttpClientFactory.java  
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jar/com/amazonaws/util/BasicNameValuePair.java  
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/annotation/package-info.java

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\* Interface for providing AWS region information. Implementations are free to use any strategy for

\* providing region information.

\*/

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/regions/AwsRegionProvider.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/StringMapBuilder.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/internal/JsonPolicyWriter.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/CountingInputStream.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/NoOpSigner.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/package-info.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/PollingStrategy.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/Policy.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/StringUtils.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/PropertiesCredentials.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/internal/ClientSideMonitoringRequestHandler.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/Principal.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/ClientConfiguration.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/VoidStaxUnmarshaller.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/conditions/StringCondition.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/ProgressListener.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/internal/AsynchronousAgentDispatcher.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/WaiterState.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/CsmConfiguration.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/conditions/ArnCondition.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/MetricFilterInputStream.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/HttpFailureStatusAcceptor.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/endpointdiscovery/SystemPropertyEndpointDiscoveryProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/ResponseMetadata.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/StandardErrorUnmarshaller.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/DefaultServiceEndpointBuilder.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/handlers/RequestHandler2.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/SignerParams.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/JsonUnmarshallerContext.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/arn/AwsResource.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/actions/package-info.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/CsmConfigurationProviderChain.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/MonitoringEvent.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/BasicAWSCredentials.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/cache/CacheLoader.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/AmazonWebServiceRequest.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/PollingStrategyContext.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/endpointdiscovery/AwsProfileEndpointDiscoveryProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/SystemPropertyCsmConfigurationProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/TlsKeyManagersProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/arn/ArnConverter.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/HttpSuccessStatusAcceptor.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/AmazonHttpClient.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/config/InternalConfig.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/WebIdentityTokenCredentialsProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/resources/package-info.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/handlers/AbstractRequestHandler.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/ProfileCsmConfigurationProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/retry/internal/AuthRetryParameters.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/retry/PredefinedRetryPolicies.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/MaxAttemptsRetryStrategy.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/retry/RetryPolicy.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/internal/ServiceMetricTypeGuesser.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/ServiceLatencyProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/profile/internal/BasicProfileConfigFileLoader.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/TimestampFormat.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/CRC32ChecksumCalculatingInputStream.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/ServiceMetricCollector.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/DefaultCsmConfigurationProviderChain.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/ProgressEventType.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/Waiter.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/WaiterBuilder.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/MapEntry.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/Condition.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/config/EndpointDiscoveryConfig.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/Marshaller.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/internal/AgentMonitoringListener.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/CompositeAcceptor.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/MetricType.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/VersionInfoUtils.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/handlers/CredentialsRequestHandler.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/ServiceEndpointBuilder.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/package-info.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/AbstractAWSSigner.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/HttpResponse.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/RequestMetricCollector.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/WaiterAcceptor.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/AmazonServiceException.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/AWS4UnsignedPayloadSigner.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/endpointdiscovery/Constants.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/DefaultRequest.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/conditions/package-info.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/ProgressEvent.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/impl/client/SdkHttpRequestRetryHandler.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/ByteThroughputProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/SDKGlobalConfiguration.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/NamespacingRemovingInputStream.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/config/InternalConfigJsonHelper.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/MonitoringListener.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/SdkPredicate.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/config/HttpClientConfig.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/XpathUtils.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/Signer.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/endpointdiscovery/EnvironmentVariableEndpointDiscoveryProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/SimpleTypeJsonUnmarshaller.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/StaticCsmConfigurationProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/apache/utils/HttpContextUtils.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/MetricInputStreamEntity.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/conditions/NumericCondition.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/Resource.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/conditions/DateCondition.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/config/HostRegexToRegionMapping.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/AnonymousAWSCredentials.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/NoneTlsKeyManagersProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryProviderChain.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/ProxyAuthenticationMethod.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/ResponseMetadataCache.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/ByteThroughputHelper.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/ApiMonitoringEvent.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/conditions/BooleanCondition.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/AccepterPathMatcher.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/SimpleTypeStaxUnmarshaller.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/AWSServiceMetrics.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/WaiterParameters.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/conn/ClientConnectionRequestFactory.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/client/builder/AdvancedConfig.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/CollectionUtils.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/ApiCallAttemptMonitoringEvent.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/PropertiesFileCredentialsProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/handlers/HandlerAfterAttemptContext.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/config/HostRegexToRegionMappingJsonHelper.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryIdentifiersRefreshCache.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/SignerTypeAware.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/ServiceMetricType.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/RepeatableInputStreamRequestEntity.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryRefreshCache.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/JsonUnmarshallerContextImpl.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/SimpleServiceMetricType.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/FixedDelayStrategy.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/config/HttpClientConfigJsonHelper.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/handlers/RequestHandler2Adaptor.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/CsmConfigurationProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/VoidJsonUnmarshaller.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/PolicyReaderOptions.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/internal/JsonPolicyReader.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/handlers/HandlerChainFactory.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/conn/ClientConnectionFactory.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/WaiterTimedOutException.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/retry/internal/MaxAttemptsResolver.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/SimpleMetricType.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/AwsSdkMetrics.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/handlers/HandlerBeforeAttemptContext.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/Request.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/cache/KeyConverter.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/WaiterUnrecoverableException.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/EnvironmentVariableCsmConfigurationProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/internal/JsonDocumentFields.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/ProgressListenerChain.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/RequestMetricType.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/monitoring/ApiCallMonitoringEvent.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/Statement.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/AwsClientSideMonitoringMetrics.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/AWSRequestMetricsFullSupport.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/apache/request/impl/HttpGetWithBody.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/StaxResponseHandler.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/SystemPropertyTlsKeyManagersProvider.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/HttpMethod.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/metrics/SimpleThroughputMetricType.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/handlers/RequestHandler.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/Response.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/retry/RetryUtils.java  
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/policy/conditions/IpAddressCondition.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/WaiterExecutionBuilder.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/waiters/WaiterHandler.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/retry/RetryMode.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/BaseCredentialsFetcher.java  
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/ContainerCredentialsRetryPolicy.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/InstanceMetadataServiceResourceFetcher.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/ConnectionUtils.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/ContainerCredentialsProvider.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/CredentialsEndpointProvider.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/retry/internal/CredentialsEndpointRetryParameters.java  
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- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/SyncProgressListener.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/ProcessCredentialsProvider.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/Releasable.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/profile/ProfilesConfigFileWriter.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/profile/package-info.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/UnreliableFilterInputStream.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/internal/AWS4SignerUtils.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/profile/internal/ProfileProcessCredentialsProvider.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/SdkSSLSocket.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/SdkInputStream.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/Platform.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/ProgressEventFilter.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/RequestProgressInputStream.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/ResponseProgressInputStream.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/request/ProgressSupport.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/profile/internal/securitytoken/STSPProfileCredentialsServiceProvider.java
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/SDKProgressPublisher.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/event/request/Progress.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/SdkSocket.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/LengthCheckInputStream.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/profile/ProfilesConfigFile.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/profile/internal/AbstractProfilesConfigFileScanner.java  
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jar/com/amazonaws/internal/SdkRequestRetryHeaderProvider.java  
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jar/com/amazonaws/protocol/json/SdkJsonProtocolFactory.java  
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jar/com/amazonaws/protocol/json/StructuredJsonGenerator.java  
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jar/com/amazonaws/protocol/json/SdkStructuredCborFactory.java  
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jar/com/amazonaws/protocol/json/SdkCborGenerator.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-  
jar/com/amazonaws/protocol/json/SdkStructuredPlainJsonFactory.java  
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- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/Throwables.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/ResetException.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/regions/RegionMetadataParser.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/EncodingSchemeEnum.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/Base16Codec.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/regions/RegionMetadata.java
- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/ListWithAutoConstructFlag.java
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- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/util/EncodingScheme.java
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- \* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/AbortedException.java
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jar/com/amazonaws/util/BinaryUtils.java  
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/regions/LegacyRegionXmlMetadataBuilder.java  
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/partitions/model/Endpoint.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/partitions/model/Service.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/partitions/PartitionMetadataProvider.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/SimpleTypeCborUnmarshallers.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/partitions/model/CredentialScope.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/regions/InMemoryRegionImpl.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/regions/LegacyRegionXmlLoadUtils.java  
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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/regions/RegionMetadataFactory.java  
\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/partitions/PartitionRegionImpl.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/partitions/PartitionsLoader.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/transform/SimpleTypeIonUnmarshaller.java

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\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/SystemPropertiesCredentialsProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/HandlerContextAware.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/CRC32MismatchException.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/InstanceProfileCredentialsProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/EnvironmentVariableCredentialsProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/http/IdleConnectionReaper.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/ClasspathPropertiesFileCredentialsProvider.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/EC2MetadataClient.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/DynamoDBBackoffStrategy.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/internal/CustomBackoffStrategy.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/AWSCredentialsProviderChain.java

\* /opt/cola/permits/1207875544\_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-jar/com/amazonaws/auth/DefaultAWSCredentialsProviderChain.java

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* /opt/cola/permits/1207875544_1632817557.81/0/aws-java-sdk-core-1-12-57-sources-
jar/com/amazonaws/util/CredentialUtils.java
```

# 1.455 client-spi 2.17.186

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# 1.457 spring-data-jpa 2.6.7

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jar/org/springframework/http/HttpHeaders.java  
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jar/org/springframework/http/MediaTypeFactory.java  
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jar/org/springframework/http/codec/CodecConfigurer.java  
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*/
/**
* Return the web session for the current request. Always guaranteed to
* return an instance either matching to the session id requested by the
* client, or with a new session id either because the client did not
* specify one or because the underlying session had expired. Use of this
* method does not automatically create a session. See {@link WebSession}
* for more details.
*/
```

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jar/org/springframework/http/client/BufferingClientHttpRequestWrapper.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-  
jar/org/springframework/web/context/support/ServletContextParameterFactoryBean.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-  
jar/org/springframework/web/bind/ServletRequestUtils.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-  
jar/org/springframework/web/multipart/MaxUploadSizeExceededException.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-  
jar/org/springframework/web/bind/support/WebDataBinderFactory.java

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

```
/*
 * Copyright 2002-2013 the original author or authors.
 *
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 * limitations under the License.
 */
```

Found in path(s):

```
* /opt/cola/permits/1346931645_1655514399.2231686/0/spring-web-5-3-21-sources-
jar/org/springframework/web/HttpMediaTypeException.java
* /opt/cola/permits/1346931645_1655514399.2231686/0/spring-web-5-3-21-sources-
jar/org/springframework/http/server/ServerHttpResponse.java
No license file was found, but licenses were detected in source scan.
```

```
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 *
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 *
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 *
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 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Found in path(s):

```
* /opt/cola/permits/1346931645_1655514399.2231686/0/spring-web-5-3-21-sources-
jar/org/springframework/web/bind/support/SessionStatus.java
No license file was found, but licenses were detected in source scan.
```

```
# This file maps Internet media types to unique file extension(s).
# Although created for httpd, this file is used by many software systems
```

```

# and has been placed in the public domain for unlimited redistribution.
#
# The table below contains both registered and (common) unregistered types.
# A type that has no unique extension can be ignored -- they are listed
# here to guide configurations toward known types and to make it easier to
# identify "new" types. File extensions are also commonly used to indicate
# content languages and encodings, so choose them carefully.
#
# Internet media types should be registered as described in RFC 4288.
# The registry is at <https://www.iana.org/assignments/media-types/>.
#
# This file was retrieved from
https://svn.apache.org/viewvc/httpd/httpd/trunk/docs/conf/mime.types?revision=1752884&view=co
#
# MIME type (lowercased) Extensions
# =====
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-inset ez
# application/applefile
application/applixware aw
# application/atf
# application/atfx
application/atom+xml atom
application/atomcat+xml atomcat
# application/atomdeleted+xml
# application/atomicmail
application/atomsvc+xml atomsvc
# application/atxml
# application/auth-policy+xml
# application/bacnet-xdd+zip
# application/batch-smtp
# application/beep+xml
# application/calendar+json

```

# application/calendar+xml  
# application/call-completion  
# application/cals-1840  
# application/cbor  
# application/ccmp+xml  
application/ccxml+xml ccxml  
# application/cdfx+xml  
application/cdmi-capability cdmia  
application/cdmi-container cdmic  
application/cdmi-domain cdmid  
application/cdmi-object cdmio  
application/cdmi-queue cdmiq  
# application/cdni  
# application/cea  
# application/cea-2018+xml  
# application/cellml+xml  
# application/cfw  
# application/cms  
# application/cnrx+xml  
# application/coap-group+json  
# application/commonground  
# application/conference-info+xml  
# application/cpl+xml  
# application/csrattrs  
# application/csta+xml  
# application/cstadata+xml  
# application/csvm+json  
application/cu-seeme cu  
# application/cybercash  
# application/dash+xml  
# application/dashdelta  
application/davmount+xml davmount  
# application/dca-rft  
# application/dcd  
# application/dec-dx  
# application/dialog-info+xml  
# application/dicom  
# application/dii  
# application/dit  
# application/dns  
application/docbook+xml dbk  
# application/dskpp+xml  
application/dssc+der dssc  
application/dssc+xml xdssc  
# application/dvcs  
application/ecmascript ecma  
# application/edi-consent  
# application/edi-x12

# application/edifact  
# application/efi  
# application/emergencycalldata.comment+xml  
# application/emergencycalldata.deviceinfo+xml  
# application/emergencycalldata.providerinfo+xml  
# application/emergencycalldata.serviceinfo+xml  
# application/emergencycalldata.subscriberinfo+xml  
application/emma+xml emma  
# application/emotionml+xml  
# application/encaprtsp  
# application/epp+xml  
application/epub+zip epub  
# application/eshop  
# application/example  
application/exi exi  
# application/fastinfoset  
# application/fastsoap  
# application/fdt+xml  
# application/fits  
# application/font-sfnt  
application/font-tdpfr pfr  
application/font-woff woff  
# application/framework-attributes+xml  
# application/geo+json  
application/gml+xml gml  
application/gpx+xml gpx  
application/gxf gxf  
# application/gzip  
# application/h224  
# application/held+xml  
# application/http  
application/hyperstudio stk  
# application/ibe-key-request+xml  
# application/ibe-pkg-reply+xml  
# application/ibe-pp-data  
# application/iges  
# application/im-iscomposing+xml  
# application/index  
# application/index.cmd  
# application/index.obj  
# application/index.response  
# application/index.vnd  
application/inkml+xml ink inkml  
# application/iotp  
application/ipfix ipfix  
# application/ipp  
# application/isup  
# application/its+xml

application/java-archive jar  
application/java-serialized-object ser  
application/java-vm class  
application/javascript js  
# application/jose  
# application/jose+json  
# application/jrd+json  
application/json json  
# application/json-patch+json  
# application/json-seq  
application/jsonml+json jsonml  
# application/jwk+json  
# application/jwk-set+json  
# application/jwt  
# application/kpml-request+xml  
# application/kpml-response+xml  
# application/ld+json  
# application/lgr+xml  
# application/link-format  
# application/load-control+xml  
application/lost+xml lostxml  
# application/lostsync+xml  
# application/lxf  
application/mac-binhex40 hqx  
application/mac-compactpro cpt  
# application/macwriteii  
application/mads+xml mads  
application/marc mrc  
application/marcxml+xml mrcx  
application/mathematica ma nb mb  
application/mathml+xml mathml  
# application/mathml-content+xml  
# application/mathml-presentation+xml  
# application/mbms-associated-procedure-description+xml  
# application/mbms-deregister+xml  
# application/mbms-envelope+xml  
# application/mbms-msk+xml  
# application/mbms-msk-response+xml  
# application/mbms-protection-description+xml  
# application/mbms-reception-report+xml  
# application/mbms-register+xml  
# application/mbms-register-response+xml  
# application/mbms-schedule+xml  
# application/mbms-user-service-description+xml  
application/mbox mbox  
# application/media-policy-dataset+xml  
# application/media\_control+xml  
application/mediaservercontrol+xml mscml

# application/merge-patch+json  
application/metalink+xml metalink  
application/metalink4+xml meta4  
application/mets+xml mets  
# application/mf4  
# application/mikey  
application/mods+xml mods  
# application/moss-keys  
# application/moss-signature  
# application/mosskey-data  
# application/mosskey-request  
application/mp21 m21 mp21  
application/mp4 mp4s  
# application/mpeg4-generic  
# application/mpeg4-iod  
# application/mpeg4-iod-xmt  
# application/mrb-consumer+xml  
# application/mrb-publish+xml  
# application/msc-ivr+xml  
# application/msc-mixer+xml  
application/msword doc dot  
application/mxf mxf  
# application/nasdata  
# application/news-checkgroups  
# application/news-groupinfo  
# application/news-transmission  
# application/nlsml+xml  
# application/nss  
# application/ocsp-request  
# application/ocsp-response  
application/octet-stream bin dms lrf mar so dist distz pkg bpk dump elc deploy  
application/oda oda  
# application/odx  
application/obeps-package+xml opf  
application/ogg ogx  
application/omdoc+xml omdoc  
application/onenote onetoc onetoc2 onetmp onepkg  
application/oxps oxps  
# application/p2p-overlay+xml  
# application/parityfec  
application/patch-ops-error+xml xer  
application/pdf pdf  
# application/pdx  
application/pgp-encrypted pgp  
# application/pgp-keys  
application/pgp-signature asc sig  
application/pics-rules prf  
# application/pidf+xml

# application/pidf-diff+xml  
application/pkcs10 p10  
# application/pkcs12  
application/pkcs7-mime p7m p7c  
application/pkcs7-signature p7s  
application/pkcs8 p8  
application/pkix-attr-cert ac  
application/pkix-cert cer  
application/pkix-crl crl  
application/pkix-pkipath pkipath  
application/pkixcmp pki  
application/pls+xml pls  
# application/poc-settings+xml  
application/postscript ai eps ps  
# application/ppsp-tracker+json  
# application/problem+json  
# application/problem+xml  
# application/provenance+xml  
# application/prs.alvestrand.titrax-sheet  
application/prs.cww cww  
# application/prs.hpub+zip  
# application/prs.nprend  
# application/prs.plucker  
# application/prs.rdf-xml-crypt  
# application/prs.xsf+xml  
application/pskc+xml pskcxml  
# application/qsig  
# application/raptorfec  
# application/rdap+json  
application/rdf+xml rdf  
application/reginfo+xml rif  
application/relax-ng-compact-syntax rnc  
# application/remote-printing  
# application/reputon+json  
application/resource-lists+xml rl  
application/resource-lists-diff+xml rld  
# application/rfc+xml  
# application/riscos  
# application/rlmi+xml  
application/rls-services+xml rs  
application/rpki-ghostbusters gbr  
application/rpki-manifest mft  
application/rpki-roa roa  
# application/rpki-updown  
application/rsd+xml rsd  
application/rss+xml rss  
application/rtf rtf  
# application/rtploopback

# application/rtx  
# application/samlassertion+xml  
# application/samlmetadata+xml  
application/sbml+xml sbml  
# application/scaip+xml  
# application/scim+json  
application/scvp-cv-request scq  
application/scvp-cv-response scs  
application/scvp-vp-request spq  
application/scvp-vp-response spp  
application/sdp sdp  
# application/sep+xml  
# application/sep-exi  
# application/session-info  
# application/set-payment  
application/set-payment-initiation setpay  
# application/set-registration  
application/set-registration-initiation setreg  
# application/sgml  
# application/sgml-open-catalog  
application/shf+xml shf  
# application/sieve  
# application/simple-filter+xml  
# application/simple-message-summary  
# application/simplesymbolcontainer  
# application/slate  
# application/smil  
application/smil+xml smi smil  
# application/smpite336m  
# application/soap+fastinfoset  
# application/soap+xml  
application/sparql-query rq  
application/sparql-results+xml srx  
# application/spirits-event+xml  
# application/sql  
application/srgs gram  
application/srgs+xml grxml  
application/sru+xml sru  
application/ssdl+xml ssdl  
application/ssml+xml ssml  
# application/tamp-apex-update  
# application/tamp-apex-update-confirm  
# application/tamp-community-update  
# application/tamp-community-update-confirm  
# application/tamp-error  
# application/tamp-sequence-adjust  
# application/tamp-sequence-adjust-confirm  
# application/tamp-status-query

# application/tamp-status-response  
# application/tamp-update  
# application/tamp-update-confirm  
application/tei+xml tei teicorpus  
application/thraud+xml tfi  
# application/timestamp-query  
# application/timestamp-reply  
application/timestamped-data tsd  
# application/ttml+xml  
# application/tve-trigger  
# application/ulpfec  
# application/urc-grpsheet+xml  
# application/urc-ressheet+xml  
# application/urc-targetdesc+xml  
# application/urc-uisocketdesc+xml  
# application/vcard+json  
# application/vcard+xml  
# application/vemmi  
# application/vividence.scriptfile  
# application/vnd.3gpp-prose+xml  
# application/vnd.3gpp-prose-pc3ch+xml  
# application/vnd.3gpp.access-transfer-events+xml  
# application/vnd.3gpp.bsf+xml  
# application/vnd.3gpp.mid-call+xml  
application/vnd.3gpp.pic-bw-large plb  
application/vnd.3gpp.pic-bw-small psb  
application/vnd.3gpp.pic-bw-var pvb  
# application/vnd.3gpp.sms  
# application/vnd.3gpp.sms+xml  
# application/vnd.3gpp.srvcc-ext+xml  
# application/vnd.3gpp.srvcc-info+xml  
# application/vnd.3gpp.state-and-event-info+xml  
# application/vnd.3gpp.ussd+xml  
# application/vnd.3gpp2.bcsmcinfo+xml  
# application/vnd.3gpp2.sms  
application/vnd.3gpp2.tcap tcap  
# application/vnd.3lightssoftware.imagescal  
application/vnd.3m.post-it-notes pwn  
application/vnd.accpac.simply.aso aso  
application/vnd.accpac.simply.imp imp  
application/vnd.acucobol acu  
application/vnd.acucorp atc acutc  
application/vnd.adobe.air-application-installer-package+zip air  
# application/vnd.adobe.flash.movie  
application/vnd.adobe.formscentral.fcdt fcdt  
application/vnd.adobe.fxp fxp fxpl  
# application/vnd.adobe.partial-upload  
application/vnd.adobe.xdp+xml xdp

application/vnd.adobe.xfdf xfdf  
# application/vnd.aether.imp  
# application/vnd.ah-barcode  
application/vnd.ahead.space ahead  
application/vnd.airzip.filesecure.azf azf  
application/vnd.airzip.filesecure.azs azs  
application/vnd.amazon.ebook azw  
# application/vnd.amazon.mobi8-ebook  
application/vnd.americandynamics.acc acc  
application/vnd.amiga.ami ami  
# application/vnd.amundsen.maze+xml  
application/vnd.android.package-archive apk  
# application/vnd.anki  
application/vnd.anser-web-certificate-issue-initiation cii  
application/vnd.anser-web-funds-transfer-initiation fti  
application/vnd.antix.game-component atx  
# application/vnd.apache.thrift.binary  
# application/vnd.apache.thrift.compact  
# application/vnd.apache.thrift.json  
# application/vnd.api+json  
application/vnd.apple.installer+xml mpkg  
application/vnd.apple.mpegurl m3u8  
# application/vnd.arastra.swi  
application/vnd.aristanetworks.swi swi  
# application/vnd.artsquare  
application/vnd.astraea-software.iota iota  
application/vnd.audiograph aep  
# application/vnd.autopackage  
# application/vnd.avistar+xml  
# application/vnd.balsamiq.bmml+xml  
# application/vnd.balsamiq.bmpr  
# application/vnd.bekitzur-stech+json  
# application/vnd.biopax.rdf+xml  
application/vnd.blueice.multipass mpm  
# application/vnd.bluetooth.ep.oob  
# application/vnd.bluetooth.le.oob  
application/vnd.bmi bmi  
application/vnd.businessobjects rep  
# application/vnd.cab-jscript  
# application/vnd.canon-cpdl  
# application/vnd.canon-lips  
# application/vnd.cendio.thinlinc.clientconf  
# application/vnd.century-systems.tcp\_stream  
application/vnd.chemdraw+xml cdxml  
# application/vnd.chess-pgn  
application/vnd.chipnuts.karaoke-mmd mmd  
application/vnd.cinderella cdy  
# application/vnd.cirpack.isdn-ext

# application/vnd.citationstyles.style+xml  
application/vnd.claymore cla  
application/vnd.cloanto.rp9 rp9  
application/vnd.clonk.c4group c4g c4d c4f c4p c4u  
application/vnd.cluetrust.cartomobile-config c11amc  
application/vnd.cluetrust.cartomobile-config-pkg c11amz  
# application/vnd.coffeescript  
# application/vnd.collection+json  
# application/vnd.collection.doc+json  
# application/vnd.collection.next+json  
# application/vnd.comicbook+zip  
# application/vnd.commerce-battelle  
application/vnd.commonspace csp  
application/vnd.contact.cmsg cdbcmg  
# application/vnd.coreos.ignition+json  
application/vnd.cosmocaller cmc  
application/vnd.crick.clicker clkx  
application/vnd.crick.clicker.keyboard clkk  
application/vnd.crick.clicker.palette clkp  
application/vnd.crick.clicker.template clkt  
application/vnd.crick.clicker.wordbank clkw  
application/vnd.criticaltools.wbs+xml wbs  
application/vnd.ctc-posml pml  
# application/vnd.ctct.ws+xml  
# application/vnd.cups-pdf  
# application/vnd.cups-postscript  
application/vnd.cups-ppd ppd  
# application/vnd.cups-raster  
# application/vnd.cups-raw  
# application/vnd.curl  
application/vnd.curl.car car  
application/vnd.curl.pcurl pcurl  
# application/vnd.cyan.dean.root+xml  
# application/vnd.cybank  
application/vnd.dart dart  
application/vnd.data-vision.rdz rdz  
# application/vnd.debian.binary-package  
application/vnd.dece.data uvf uvvf uvd uvvd  
application/vnd.dece.ttml+xml uvt uvvt  
application/vnd.dece.unspecified uvx uvvx  
application/vnd.dece.zip uvz uvvz  
application/vnd.denovo.fcselayout-link fe\_launch  
# application/vnd.desmume.movie  
# application/vnd.dir-bi.plate-dl-nosuffix  
# application/vnd.dm.delegation+xml  
application/vnd.dna dna  
# application/vnd.document+json  
application/vnd.dolby.mlp mlp

# application/vnd.dolby.mobile.1  
# application/vnd.dolby.mobile.2  
# application/vnd.doremir.scorecloud-binary-document  
application/vnd.dpgraph dpg  
application/vnd.dreamfactory dfac  
# application/vnd.drive+json  
application/vnd.ds-keypoint kpxx  
# application/vnd.dtg.local  
# application/vnd.dtg.local.flash  
# application/vnd.dtg.local.html  
application/vnd.dvb.ait ait  
# application/vnd.dvb.dvbj  
# application/vnd.dvb.esgcontainer  
# application/vnd.dvb.ipdcdfnotifaccess  
# application/vnd.dvb.ipdcesgaccess  
# application/vnd.dvb.ipdcesgaccess2  
# application/vnd.dvb.ipdcesgpdd  
# application/vnd.dvb.ipdcroaming  
# application/vnd.dvb.iptv.alfec-base  
# application/vnd.dvb.iptv.alfec-enhancement  
# application/vnd.dvb.notif-aggregate-root+xml  
# application/vnd.dvb.notif-container+xml  
# application/vnd.dvb.notif-generic+xml  
# application/vnd.dvb.notif-ia-msglist+xml  
# application/vnd.dvb.notif-ia-registration-request+xml  
# application/vnd.dvb.notif-ia-registration-response+xml  
# application/vnd.dvb.notif-init+xml  
# application/vnd.dvb.pfr  
application/vnd.dvb.service svc  
# application/vnd.dxr  
application/vnd.dynageo geo  
# application/vnd.dzr  
# application/vnd.easykaraoke.cdgdownload  
# application/vnd.ecdis-update  
application/vnd.ecowin.chart mag  
# application/vnd.ecowin.filerequest  
# application/vnd.ecowin.fileupdate  
# application/vnd.ecowin.series  
# application/vnd.ecowin.seriesrequest  
# application/vnd.ecowin.seriesupdate  
# application/vnd.emclient.accessrequest+xml  
application/vnd.enliven nml  
# application/vnd.enphase.envoy  
# application/vnd.eprints.data+xml  
application/vnd.epson.esf esf  
application/vnd.epson.msf msf  
application/vnd.epson.quickanime qam  
application/vnd.epson.salt slt

application/vnd.epson.ssf sf  
# application/vnd.ericsson.quickcall  
application/vnd.eszigno3+xml es3 et3  
# application/vnd.etsi.aoc+xml  
# application/vnd.etsi.asic-e+zip  
# application/vnd.etsi.asic-s+zip  
# application/vnd.etsi.cug+xml  
# application/vnd.etsi.iptvcommand+xml  
# application/vnd.etsi.iptvdiscovery+xml  
# application/vnd.etsi.iptvprofile+xml  
# application/vnd.etsi.iptvsad-bc+xml  
# application/vnd.etsi.iptvsad-cod+xml  
# application/vnd.etsi.iptvsad-npvr+xml  
# application/vnd.etsi.iptvservice+xml  
# application/vnd.etsi.iptvsync+xml  
# application/vnd.etsi.iptvueprofile+xml  
# application/vnd.etsi.mcid+xml  
# application/vnd.etsi.mheg5  
# application/vnd.etsi.overload-control-policy-dataset+xml  
# application/vnd.etsi.pstn+xml  
# application/vnd.etsi.sci+xml  
# application/vnd.etsi.simservs+xml  
# application/vnd.etsi.timestamp-token  
# application/vnd.etsi.tsl+xml  
# application/vnd.etsi.tsl.der  
# application/vnd.eudora.data  
application/vnd.ezpix-album ez2  
application/vnd.ezpix-package ez3  
# application/vnd.f-secure.mobile  
# application/vnd.fastcopy-disk-image  
application/vnd.fdf fdf  
application/vnd.fdsn.mseed mseed  
application/vnd.fdsn.seed seed dataless  
# application/vnd.ffmpeg  
# application/vnd.filmit.zfc  
# application/vnd.fints  
# application/vnd.firemonkeys.cloudcell  
application/vnd.flographit gph  
application/vnd.fluxtime.clip ftc  
# application/vnd.font-fontforge-sfd  
application/vnd.frameMaker fm frame maker book  
application/vnd.frogans.fnc fnc  
application/vnd.frogans.ltf ltf  
application/vnd.fsc.weblaunch fsc  
application/vnd.fujitsu.oasys oas  
application/vnd.fujitsu.oasys2 oa2  
application/vnd.fujitsu.oasys3 oa3  
application/vnd.fujitsu.oasysgp fg5

application/vnd.fujitsu.oasysprs bh2  
# application/vnd.fujixerox.art-ex  
# application/vnd.fujixerox.art4  
application/vnd.fujixerox.ddd ddd  
application/vnd.fujixerox.docuworks xdw  
application/vnd.fujixerox.docuworks.binder xbd  
# application/vnd.fujixerox.docuworks.container  
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# application/vnd.globalplatform.card-content-mgt-response  
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# application/vnd.sealed.ppt  
# application/vnd.sealed.tiff  
# application/vnd.sealed.xls  
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application/vnd.shana.informed.formtemplate itp  
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application/vnd.shana.informed.package ipk  
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# application/vnd.siren+json  
application/vnd.smf mmf  
# application/vnd.smart.notebook  
application/vnd.smart.teacher teacher  
# application/vnd.software602.filler.form+xml  
# application/vnd.software602.filler.form+xml-zip  
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application/vnd.spotfire.sfs sfs  
# application/vnd.sss-cod  
# application/vnd.sss-dtf  
# application/vnd.sss-ntf  
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application/vnd.stardivision.impress sdd  
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application/vnd.stardivision.writer sdw vor  
application/vnd.stardivision.writer-global sgl  
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application/vnd.stepmania.stepchart sm  
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application/vnd.sun.xml.draw sxd  
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application/vnd.sun.xml.impress.template sti  
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application/vnd.sun.xml.writer.template stw  
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# application/vnd.syncml.dm.notification  
# application/vnd.syncml.dmddf+wbxml  
# application/vnd.syncml.dmddf+xml  
# application/vnd.syncml.dmtnds+wbxml  
# application/vnd.syncml.dmtnds+xml  
# application/vnd.syncml.ds.notification  
application/vnd.tao.intent-module-archive tao  
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# application/vnd.tml  
application/vnd.tmobile-livetv tmo  
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application/vnd.triscape.mxs mxs  
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# application/vnd.truedoc  
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# application/vnd.uplanet.channel

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# application/watcherinfo+xml  
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application/x-abiword abw  
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application/x-authorware-map aam  
application/x-authorware-seg aas  
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application/x-bzip2 bz2 boz  
application/x-cbr cbr cba cbt cbz cb7  
application/x-cdlink vcd  
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application/x-chat chat  
application/x-chess-pgn pgn  
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application/x-cpio cpio  
application/x-csh csh

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application/x-dtbresource+xml res  
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# image/pwg-raster  
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image/vnd.djvu djvu djv  
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# message/feedback-report  
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# message/global-disposition-notification  
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# message/imdn+xml  
# message/news  
# message/partial  
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# message/s-http  
# message/sip  
# message/sipfrag  
# message/tracking-status  
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# message/vnd.wfa.wsc

# model/example  
# model/gltf+json  
model/iges igs iges  
model/mesh msh mesh silo  
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# model/vnd.flatland.3dml  
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text/x-opml opml  
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text/x-vcard vcf  
# text/xml  
# text/xml-external-parsed-entity  
# video/1d-interleaved-parityfec  
video/3gpp 3gp  
# video/3gpp-tt  
video/3gpp2 3g2  
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# video/bt656  
# video/celb  
# video/dv  
# video/encaprtsp  
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# video/h263-2000  
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# video/h264-svc  
# video/h265

# video/iso.segment  
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# video/jpeg2000  
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video/x-ms-wmv wmv  
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video/x-smv smv  
x-conference/x-cooltalk ice

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\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-jar/org/springframework/web/method/support/HandlerMethodArgumentResolver.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-jar/org/springframework/web/context/support/ServletConfigPropertySource.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-jar/org/springframework/web/context/support/ServletContextPropertySource.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-jar/org/springframework/web/context/ConfigurableWebApplicationContext.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-jar/org/springframework/web/jsf/FacesContextUtils.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-jar/org/springframework/http/converter/feed/AtomFeedHttpMessageConverter.java  
\* /opt/cola/permits/1346931645\_1655514399.2231686/0/spring-web-5-3-21-sources-jar/org/springframework/http/client/ClientHttpRequest.java

## 1.459 springdoc-openapi-hateoas 1.5.2

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```
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jar/org/springdoc/hateoas/SpringDocHateoasConfiguration.java
* /opt/cola/permits/1152463000_1618242048.5/0/springdoc-openapi-hateoas-1-5-2-sources-
jar/org/springdoc/hateoas/converters/CollectionModelContentConverter.java
* /opt/cola/permits/1152463000_1618242048.5/0/springdoc-openapi-hateoas-1-5-2-sources-
jar/org/springdoc/hateoas/HateoasHalProvider.java
* /opt/cola/permits/1152463000_1618242048.5/0/springdoc-openapi-hateoas-1-5-2-sources-
jar/org/springdoc/hateoas/converters/RepresentationModelLinksOASMixin.java
```

## 1.460 client-spi 2.17.165

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

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

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

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

-----

## Oracle OpenJDK

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

- \* java.sun.security.ssl

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

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

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## OW2

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

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## Apache

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

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

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

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org.eclipse.jetty.toolchain:jetty-schemas

-----

Assorted

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

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* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/Handler.java  
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/Frame.java  
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\* /opt/cola/permits/1135892428\_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/Attribute.java  
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## 1.465 springdoc-openapi-webmvc-core 1.6.7

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\*

\* Author: Luke Hutchison

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\* Hosted at: <https://github.com/classgraph/classgraph>

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\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/nonapi/io/github/classgraph/recycler/RecycleOnClose.java

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\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/nonapi/io/github/classgraph/json/JSONObject.java

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\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/io/github/classgraph/HierarchicalTypeSignature.java

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\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/nonapi/io/github/classgraph/classpath/ModuleFinder.java

\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/nonapi/io/github/classgraph/recycler/Recycler.java

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\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/io/github/classgraph/ClasspathElementZip.java

\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/io/github/classgraph/MethodInfoList.java

\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/nonapi/io/github/classgraph/utils/FileUtils.java

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\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/RecyclableInflater.java

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\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/nonapi/io/github/classgraph/classpath/ClasspathFinder.java

\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/io/github/classgraph/ScanResult.java

\* /opt/ws\_local/PERMITS\_SQL/1069435284\_1594665092.78/0/classgraph-4-8-44-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/ZipFileSliceReader.java

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\* This file is part of ClassGraph.

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\* Author: Luke Hutchison (luke.hutch@gmail.com)

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\* Hosted at: <https://github.com/classgraph/classgraph>

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\* Author: Sergey Beshpalov

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jar/nonapi/io/github/classgraph/classloaderhandler/WebsphereLibertyClassLoaderHandler.java

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Eclipse

The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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

\* java.sun.security.ssl

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

classpath exceptions.

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

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OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

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

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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## 1.471 spring-cloud-starter-aws-messaging

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## 1.475 jmespath-java 1.12.57

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<name>Apache License, Version 2.0</name>

Found in path(s):

\* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/META-INF/maven/com.amazonaws/jmespath-java/pom.xml

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\*/

Found in path(s):

- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/Comparator.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathVisitor.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/OpGreaterThanOrEqualTo.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathContainsFunction.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathFilter.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathNotExpression.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathField.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/OpGreaterThan.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathEvaluationVisitor.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/InvalidTypeException.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/CamelCaseUtils.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/ObjectMapperSingleton.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/OpLessThanOrEqualTo.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathProjection.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathAndExpression.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/OpEquals.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathLiteral.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/OpLessThan.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathFlatten.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/OpNotEquals.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathIdentity.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/JmesPathValueProjection.java
- \* /opt/cola/permits/1261985881\_1643339957.83/0/jmespath-java-1-12-57-sources-jar/com/amazonaws/jmespath/NumericComparator.java

```
* /opt/cola/permits/1261985881_1643339957.83/0/jmespath-java-1-12-57-sources-
jar/com/amazonaws/jmespath/JmesPathMultiSelectList.java
* /opt/cola/permits/1261985881_1643339957.83/0/jmespath-java-1-12-57-sources-
jar/com/amazonaws/jmespath/JmesPathLengthFunction.java
* /opt/cola/permits/1261985881_1643339957.83/0/jmespath-java-1-12-57-sources-
jar/com/amazonaws/jmespath/JmesPathSubExpression.java
* /opt/cola/permits/1261985881_1643339957.83/0/jmespath-java-1-12-57-sources-
jar/com/amazonaws/jmespath/JmesPathExpression.java
* /opt/cola/permits/1261985881_1643339957.83/0/jmespath-java-1-12-57-sources-
jar/com/amazonaws/jmespath/JmesPathFunction.java
```

## 1.476 okio 1.17.2

## 1.477 ehcache-xml 3.9.9

### 1.477.1 Available under license :

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```
/*
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* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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*/
```

Found in path(s):

```
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/CoreServiceCreationConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/provider/DefaultSerializationProviderConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/ConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/model/CacheDefinition.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/ResourceConfigurationParser.java
```

\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/service/DefaultSerializerConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/service/OffHeapDiskStoreConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/CacheManagerServiceConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/model/CacheTemplate.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/model/Expiry.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/provider/ThreadPoolServiceCreationConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/provider/CacheEventDispatcherFactoryConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/service/DefaultResilienceStrategyConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/provider/SimpleCoreServiceCreationConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/XmlConfiguration.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/provider/DefaultCopyProviderConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/service/DefaultWriteBehindConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/CoreServiceConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/multi/XmlMultiConfiguration.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/provider/DefaultSizeOfEngineProviderConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/provider/PooledExecutionServiceConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/service/DefaultCacheEventDispatcherConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/model/CacheSpec.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/service/DefaultCopierConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/JaxbHelper.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/CacheResourceConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/service/DefaultSizeOfEngineConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/model/SizeOfEngineLimits.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/provider/WriteBehindProviderConfigurationParser.java  
\* /opt/cola/permits/1297807331\_1648724654.13/0/ehcache-xml-3-9-9-sources-

```

jar/org/ehcache/xml/service/DefaultCacheLoaderWriterConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/XmlModel.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/ServiceCreationConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/exceptions/XmlConfigurationException.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/provider/CacheManagerPersistenceConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/provider/OffHeapDiskStoreProviderConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/service/SimpleCoreServiceConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/service/DefaultCacheEventListenerConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/DomUtil.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/CoreCacheConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/BaseConfigParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/model/ListenersConfig.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/CacheServiceConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-
jar/org/ehcache/xml/ServiceConfigurationParser.java
* /opt/cola/permits/1297807331_1648724654.13/0/ehcache-xml-3-9-9-sources-jar/org/ehcache/xml/JaxbParsers.java

```

## 1.478 javassist 3.27.0-GA

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```

/*
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```

Found in path(s):

- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/Proxy.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Visitor.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Member.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/reflect/CannotInvokeException.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewWrappedConstructor.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/LoaderClassPath.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/AppletServer.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtConstructor.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/ObjectNotFoundException.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/ArrayInit.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/Mnemonic.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewClass.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/SignatureAttribute.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtArray.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/convert/TransformNewClass.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/Parser.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/util/proxy/DefineClassHelper.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/analysis/SubroutineScanner.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtMember.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/ExceptionTable.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/ConstructorCall.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/StubGenerator.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/FieldInfo.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/CodeGen.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/CodeAnalyzer.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/analysis/IntQueue.java
- \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/runtime/DotClass.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/URLClassPath.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/util/proxy/ProxyObjectInputStream.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/InstructionPrinter.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/NestMembersAttribute.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/reflect/CannotReflectException.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/LocalVariableAttribute.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/CallExpr.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/AttributeInfo.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/KeywordTable.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/CodeIterator.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/SymbolTable.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/analysis/Subroutine.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/runtime/Inner.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/util/proxy/DefinePackageHelper.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/LineNumberAttribute.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/scopedpool/ScopedClassPoolFactory.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/Modifier.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/AnnotationsWriter.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CannotCompileException.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/Expr.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/convert/TransformFieldAccess.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtPrimitiveType.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/stackmap/BasicBlock.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/Callback.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/MethodInfo.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/JvstCodeGen.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/NewExpr.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/stackmap/TypeData.java  
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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/CondExpr.java  
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jar/javassist/bytecode/annotation/NoSuchClassError.java  
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jar/javassist/tools/rmi/RemoteRef.java  
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jar/javassist/bytecode/analysis/Frame.java

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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/Dump.java  
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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/SyntaxError.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/TokenId.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/util/proxy/RuntimeSupport.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Pair.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/convert/TransformWriteField.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewConstructor.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/ConstPool.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/analysis/MultiType.java

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Found in path(s):

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/MemberValue.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/EnumMemberValue.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/ByteMemberValue.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/ClassMemberValue.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/MemberValueVisitor.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/FloatMemberValue.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/IntegerMemberValue.java  
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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/DoubleMemberValue.java

## 1.479 netty 4.1.82.Final

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  - \* <http://iharder.sourceforge.net/current/java/base64/>

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  - \* <https://github.com/joewalnes/webbit>

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- \* HOMEPAGE:
  - \* <https://code.google.com/p/jzip2/>

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- \* HOMEPAGE:
  - \* <https://github.com/y-256/libdivsufsort>

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  - \* <https://github.com/JCTools/JCTools>

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- \* HOMEPAGE:
  - \* <http://www.jcraft.com/jzlib/>

This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:

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- \* HOMEPAGE:
  - \* <https://github.com/ning/compress>

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- \* HOMEPAGE:
  - \* <https://github.com/jpountz/lz4-java>

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  - \* <https://github.com/jponge/lzma-java>

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- \* HOMEPAGE:
  - \* <https://github.com/luben/zstd-jni>

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  - \* <https://www.bouncycastle.org/>

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  - \* <https://github.com/jboss-remoting/jboss-marshalling>

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  - \* <https://github.com/google/caliper>

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  - \* <https://logging.apache.org/log4j/>

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  - \* <https://wiki.fasterxml.com/AaltoHome>

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  - \* <https://github.com/twitter/hpack>

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  - \* <https://github.com/python-hyper/hpack/>

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  - \* <https://github.com/nghttp2/nghttp2/>

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- \* HOMEPAGE:
  - \* <https://github.com/takari/maven-wrapper>

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- \* HOMEPAGE:
  - \* <https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h>

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- \* HOMEPAGE:
  - \* <https://github.com/hyperxpro/Brotli4j>

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Eclipse

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

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

The following artifacts are EPL and CDDL 1.0.

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

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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- \* java.sun.security.ssl

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

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

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org.ow2.asm:asm-commons

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## Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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## MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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## Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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## 1.481 spring-aspects 5.3.23

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```
*/opt/cola/permits/1424147585_1663873965.9056695/0/spring-aspects-5-3-23-sources-
jar/org/springframework/context/annotation/aspectj/EnableSpringConfigured.java
```

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jar/org/springframework/transaction/aspectj/AspectJTransactionManagementConfiguration.java

\* /opt/cola/permits/1424147585\_1663873965.9056695/0/spring-aspects-5-3-23-sources-  
jar/org/springframework/transaction/aspectj/AbstractTransactionAspect.aj

\* /opt/cola/permits/1424147585\_1663873965.9056695/0/spring-aspects-5-3-23-sources-  
jar/org/springframework/beans/factory/aspectj/AbstractInterfaceDrivenDependencyInjectionAspect.aj

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jar/org/springframework/transaction/aspectj/AspectJJaTransactionManagementConfiguration.java

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jar/org/springframework/cache/aspectj/AspectJCCachingConfiguration.java

\* /opt/cola/permits/1424147585\_1663873965.9056695/0/spring-aspects-5-3-23-sources-  
jar/org/springframework/beans/factory/aspectj/AnnotationBeanConfigurerAspect.aj

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jar/org/springframework/scheduling/aspectj/AspectJAsyncConfiguration.java

\* /opt/cola/permits/1424147585\_1663873965.9056695/0/spring-aspects-5-3-23-sources-  
jar/org/springframework/cache/aspectj/AspectJCacheConfiguration.java

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\* /opt/cola/permits/1424147585\_1663873965.9056695/0/spring-aspects-5-3-23-sources-jar/org/springframework/scheduling/aspectj/AnnotationAsyncExecutionAspect.aj  
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\* /opt/cola/permits/1424147585\_1663873965.9056695/0/spring-aspects-5-3-23-sources-jar/org/springframework/context/annotation/aspectj/SpringConfiguredConfiguration.java  
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- \* /opt/cola/permits/1424147585\_1663873965.9056695/0/spring-aspects-5-3-23-sources-jar/org/springframework/cache/aspectj/AbstractCacheAspect.aj
- \* /opt/cola/permits/1424147585\_1663873965.9056695/0/spring-aspects-5-3-23-sources-jar/org/springframework/beans/factory/aspectj/AbstractDependencyInjectionAspect.aj

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## 1.482 springfoxswagger 2.9.2

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\* /opt/cola/permits/1177939619\_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/OAuth2AuthFactory.java  
\* /opt/cola/permits/1177939619\_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/ParameterMapper.java  
\* /opt/cola/permits/1177939619\_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/configuration/Swagger2JacksonModule.java  
\* /opt/cola/permits/1177939619\_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/ApiKeyAuthFactory.java

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# 1.484 netty-codec 4.1.82.Final

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jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
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jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
* /opt/cola/permits/1424147448_1663873841.7479334/0/netty-codec-4-1-82-final-sources-
jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
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jar/io/netty/handler/codec/DecoderResultProvider.java  
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jar/io/netty/handler/codec/MessageAggregationException.java  
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jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java  
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jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java  
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jar/io/netty/handler/codec/json/JsonObjectDecoder.java  
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jar/io/netty/handler/codec/compression/Bzip2BitReader.java  
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jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/compression/Crc32.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/compression/FastLz.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/package-info.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/DecoderResult.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/package-info.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/EncoderException.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/MessageAggregator.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/serialization/package-info.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/xml/package-info.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/string/package-info.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/bytes/package-info.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/Delimiters.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java

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jar/io/netty/handler/codec/string/LineEncoder.java  
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jar/io/netty/handler/codec/DatagramPacketEncoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/compression/CompressionUtil.java  
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jar/io/netty/handler/codec/DateFormatter.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/string/LineSeparator.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/CodecOutputList.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/DatagramPacketDecoder.java  
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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/ProtocolDetectionState.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/UnsupportedValueConverter.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java  
\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/HeadersUtils.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/Headers.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java

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* /opt/cola/permits/1424147448_1663873841.7479334/0/netty-codec-4-1-82-final-sources-
jar/io/netty/handler/codec/ValueConverter.java
* /opt/cola/permits/1424147448_1663873841.7479334/0/netty-codec-4-1-82-final-sources-
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 */
/*
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 */
/**
 * Enumeration of supported Base64 dialects.
 * <p>
 * The internal lookup tables in this class has been derived from
 * <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
 * Base64 Encoder/Decoder</a>.
 */
```

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\* A decoder that splits the received { @link ByteBuf}s dynamically by the  
\* value of the length field in the message. It is particularly useful when you  
\* decode a binary message which has an integer header field that represents the  
\* length of the message body or the whole message.

\* <p>

\* { @link LengthFieldBasedFrameDecoder } has many configuration parameters so  
\* that it can decode any message with a length field, which is often seen in  
\* proprietary client-server protocols. Here are some example that will give  
\* you the basic idea on which option does what.

\*

\* <h3>2 bytes length field at offset 0, do not strip header</h3>

\*

\* The value of the length field in this example is <tt>12 (0x0C)</tt> which  
\* represents the length of "HELLO, WORLD". By default, the decoder assumes  
\* that the length field represents the number of the bytes that follows the  
\* length field. Therefore, it can be decoded with the simplistic parameter  
\* combination.

\* <pre>

\* <b>lengthFieldOffset</b> = <b>0</b>

```

* <b>lengthFieldLength</b> = <b>2</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |   | 0x000C | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* { @link ByteBuf#readableBytes() }, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (12 bytes)
* +-----+-----+ +-----+
* | Length | Actual Content |---->| Actual Content |
* | 0x000C | "HELLO, WORLD" |   | "HELLO, WORLD" |
* +-----+-----+ +-----+
* </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>. Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)

```

```

* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |   | 0x000E | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)           AFTER DECODE (17 bytes)
* +-----+-----+-----+ +-----+-----+-----+
* | Header 1 | Length | Actual Content |---->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |   | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+ +-----+-----+-----+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)           AFTER DECODE (17 bytes)
* +-----+-----+-----+ +-----+-----+-----+
* | Length | Header 1 | Actual Content |---->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |   | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----+-----+-----+ +-----+-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field</h3>
*
* This is a combination of all the examples above. There are the prepended

```



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/\*\*

\* Utility class for {@link ByteBuf} that encodes and decodes to and from

\* [Base64](https://en.wikipedia.org/wiki/Base64) notation.

\* <p>

\* The encoding and decoding algorithm in this class has been derived from

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\* Base64 Encoder/Decoder</a>.

\*/

Found in path(s):

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-  
jar/io/netty/handler/codec/base64/Base64.java

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\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java

\* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java

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- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/Zstd.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/ZstdOptions.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/DeflateOptions.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/BrotliDecoder.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/BrotliEncoder.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/Brotli.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/CompressionOptions.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/ZstdEncoder.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/ZstdConstants.java
- \* /opt/cola/permits/1424147448\_1663873841.7479334/0/netty-codec-4-1-82-final-sources-jar/io/netty/handler/codec/compression/BrotliOptions.java

# 1.485 javax-websocket-server-impl

## 9.4.46.v20220331

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Eclipse

The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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

- \* java.sun.security.ssl

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

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

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OW2

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

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

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Apache

The following artifacts are ASL2 licensed.

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

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MortBay

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

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

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

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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## 1.486 json-java 20151123

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