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  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/InitRequestDecoder.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksCmdRequest.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/Socks4CommandResponse.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/package-info.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksMessage.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/UnknownSocksResponse.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/UnknownSocksRequest.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksAuthRequest.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksAuthResponse.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksMessage.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/Socks5PasswordAuthRequest.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/Socks5PasswordAuthResponse.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/Socks5InitialResponse.java
  * /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksMessage.java
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* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v4/AbstractSocks4Message.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequestDecoder.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v4/Socks4ServerEncoder.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponseDecoder.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v4/package-info.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequestDecoder.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponseDecoder.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v5/package-info.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v4/AbstractSocksMessage.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v4/Socks4Message.java
jar/io/netty/handler/codec/socks/v5/Socks5InitialResponseDecoder.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/v5/Socks5ClientEncoder.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/v5/AbstractSocks5Message.java
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* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/META-INF/maven/io.netty/netty-codec-socks/pom.xml
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* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/SocksAddressType.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/SocksVersion.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/SocksMessageType.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5CommandStatus.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/SocksRequestType.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/SocksCmdType.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/SocksCmdStatus.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/SocksAuthStatus.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/SocksResponseType.java
* /opt/cola/permits/1301917005_1649305369.75/0/netty-codec-socks-4-1-75-final-sources-1-jar/io/netty/handler/codec/socks/SocksAuthScheme.java

1.2 log4j-slf4j-impl 2.16.0

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1.3 webencodings 0.5.1

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* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0.5.1-1.tar.gz/webencodings-0.5.1/webencodings/x_user_defined.py
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0.5.1-1.tar.gz/webencodings-0.5.1/webencodings/tests.py
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0.5.1-1.tar.gz/webencodings-0.5.1/webencodings/labels.py
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0.5.1-1.tar.gz/webencodings-0.5.1/webencodings/__init__.py

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from setuptools import setup, find_packages
import io
import os
import re

VERSION = re.search("VERSION = '([^']*)'", io.open(path.join(path.dirname(__file__), 'webencodings', '__init__.py'), encoding='utf-8').read().strip()).group(1)

LONG_DESCRIPTION = io.open(path.join(path.dirname(__file__), 'README.rst'), encoding='utf-8').read()

setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
)
long_description=LONG_DESCRIPTION,
classifiers=[
    'Development Status :: 4 - Beta',
    'Intended Audience :: Developers',
    'License :: OSI Approved :: BSD License',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.6',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.3',
    'Programming Language :: Python :: 3.4',
    'Programming Language :: Python :: 3.5',
    'Programming Language :: Python :: 3.6',
    'Programming Language :: Python :: Implementation :: CPython',
    'Programming Language :: Python :: Implementation :: PyPy',
    'Topic :: Internet :: WWW/HTTP',
],
packages=find_packages(),
)

Found in path(s):
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py
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====

webencodings.mklabels
~~~~~~~~~~~~~~~~~~~~

Regenerate the webencodings.labels module.

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====

import json
try:
    from urllib import urlopen
except ImportError:
    from urllib.request import urlopen


def assert_lower(string):
    assert string == string.lower()
    return string
def generate(url):
    parts = ['"'
    
    webencodings.labels
    ~~~~~~~~~~~~~~~~~~~~

    Map encoding labels to their name.

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    # XXX Do not edit!
    # This file is automatically generated by mklabels.py

    LABELS = {
    ""
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
         repr(encoding['name']).lstrip('u'))
        for category in json.loads(urlopen(url).read().decode('ascii'))
        for encoding in category['encodings']
        for label in encoding['labels']]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        '    %s:%s %s,
' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}
    return ''.join(parts)

if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))

Found in path(s):
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0.5.1-1.tar.gz/webencodings-0.5.1/webencodings/mklabels.py
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Metadata-Version: 1.1
Name: webencodings
Version: 0.5.1
Summary: Character encoding aliases for legacy web content
Home-page: https://github.com/SimonSapin/python-webencodings
Author: Geoffrey Sneddon
This is a Python implementation of the `WHATWG Encoding standard <http://encoding.spec.whatwg.org/>`_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker: https://github.com/gsnedders/python-webencodings
* PyPI releases: http://pypi.python.org/pypi/webencodings
* License: BSD
* Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules. For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration. The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Pythons.
This is a Python implementation of the `WHATWG Encoding standard`_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker: https://github.com/gsnedders/python-webencodings
* PyPI releases: http://pypi.python.org/pypi/webencodings
* License: BSD
* Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like `Content-Type: text/html; charset=latin1`, tools need to use a particular set of aliases for encoding labels as well as some overriding rules.

For example, ```US-ASCII``` and ```iso-8859-1``` on the web are actually aliases for ```windows-1252```, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python.

---

### protobuf-java 3.11.4

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Found in path(s):
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/FieldSet.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/ExtensionSchema.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/MessageInfo.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/ExtensionSchemaLite.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/BooleanArrayList.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/SchemaFactory.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/ByteBufferWriter.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/google/protobuf/type.proto
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/DynamicMessage.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/RopeByteString.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/LongArrayList.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/Utf8.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/MapEntryLite.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/RpcUtil.java
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* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/CodedInputStream.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/SingleFieldBuilderV3.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/DescriptorMessageInfoFactory.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/RpcChannel.java
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* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/AbstractProtobufList.java
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jar/com/google/protobuf/ProtocolMessageEnum.java
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* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/MapEntry.java
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/ExtensionRegistryFactory.java
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1.5 jctools-core 3.0.0

1.5.1 Available under license:

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

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<name>jctools-jctools</name>
</repository>
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<url>https://github.com/JCTools</url>
(inplaceYear>2013</inceptionYear>

/licenses>
/license>
<name>Apache License, Version 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
</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>
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  <java.version>1.6</java.version>
  <java.test.version>1.8</java.test.version>
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  <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
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  <hamcrest.version>1.3</hamcrest.version>
  <junit.version>4.12</junit.version>
  <guava-testlib.version>21.0</guava-testlib.version>
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 * limitations under the License.
 */

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1.6 pyparsing 2.4.7

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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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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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2.5.0_1
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1.12 expat 2.4.7-r0
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1.13 python-requests 2.25.0

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1.14 libretls 3.3.4-r3

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1.15 protobuf 1.26.0

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* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/package-info.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/local/LocalChannelRegistry.java
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jar/io/netty/channel/FixedRecvByteBufAllocator.java
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* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/nio/NioTask.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/EventLoop.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/bootstrap/AbstractBootstrap.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/socket/DatagramPacket.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/local/LocalEventLoopGroup.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/SucceededChannelFuture.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/ChannelHandlerContext.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/VoidChannelPromise.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/DefaultFileRegion.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/ChannelFlushPromiseNotifier.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/socket/package-info.java
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  jar/io/netty/channel/ChannelHandlerMask.java
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* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io.netty/channel/pool/ChannelPool.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io.netty/channel/pool/FixedChannelPool.java

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* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-
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* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4.1.75-final-sources-1-
  jar/io/netty/channel/socket/nio/NioChannelOption.java

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  jar/io/netty/channel/ReflectiveChannelFactory.java
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  jar/io/netty/channel/embedded/EmbeddedChannelId.java
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* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
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* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/ChannelMatchers.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-jar/io/netty/channel/ConnectTimeoutException.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 ].
 *
 * [ @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>
A `ChannelHandler` is provided with a `ChannelHandlerContext` object. A `ChannelHandler` is supposed to interact with the `ChannelPipeline` it belongs to via a context object. Using the context object, the `ChannelHandler` can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using `AttributeKey`s) which is specific to the handler.

State management

A `ChannelHandler` often needs to store some stateful information. The simplest and recommended approach is to use member variables:

```java
public interface Message {
    // your methods here
}

public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
    private boolean loggedIn;

    @Override
    public void channelRead0(ChannelHandlerContext ctx, Message message) {
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) message);
            loggedIn = true;
        } else if (message instanceof GetDataMessage) {
            if (loggedIn) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
            } else {
                fail();
            }
        }
    }
    ...
}
```

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 an unauthenticated client can get the confidential information:

```java
// Create a new handler instance per channel.
// See ChannelInitializer#initChannel(Channel).
```
public class DataServerInitializer extends ChannelInitializer<Channel> {
    @Override
    public void initChannel(Channel channel) {
        channel.pipeline().addLast("handler", new DataServerHandler());
    }
}

Using AttributeKeys

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 AttributeKeys which is provided by ChannelHandlerContext:

public interface Message {
    // your methods here
}

@Sharable
public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
    private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");

    @Override
    public void channelRead(ChannelHandlerContext ctx, Message message) {
        Attribute<Boolean> attr = ctx.attr(auth);
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) o);
            attr.set(true);
        } else if (message instanceof GetDataMessage) {
            if (Boolean.TRUE.equals(attr.get())) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
            } else {
                fail();
            }
        }
    }
}

Now that the state of the handler is attached to the ChannelHandlerContext, you can add the same handler instance to different pipelines:

public class DataServerInitializer extends ChannelInitializer<Channel> {
    private static final DataServerHandler SHARED = new DataServerHandler();
    }
* { @code @Override}
* public void initChannel({@link Channel} channel) {
*     channel.pipeline().addLast("handler", <b>SHARED</b>);
* }<br/>
* </pre>
* 
* 
* <h4>The { @code @Sharable} annotation</h4>
* 
* In the example above which used an { @link AttributeKey},
* you might have noticed the { @code @Sharable} annotation.
* 
* 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.
* 
* 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.
* 
* This annotation is provided for documentation purpose, just like
* 
* <h3>Additional resources worth reading</h3>
* 
* 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/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-
  jar/io/netty/bootstrap/AbstractBootstrapConfig.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-
  jar/io/netty/channel/DefaultSelectStrategyFactory.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-
  jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-
  jar/io/netty/bootstrap/BootstrapConfig.java
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  jar/io/netty/channel/DefaultSelectStrategy.java
* /opt/cola/permits/1301894932_1649303793.42/0/netty-transport-4-1-75-final-sources-1-
  jar/io/netty/channel/socket/DuplexChannel.java

1.17 grpc-core 1.46.0
1.17.1 Available under license :
  Apache-2.0

1.18 jackson-databind 2.13.2.2
1.18.1 Available under license :
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* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1.1-sources-9.jar/org/apache/commons/logging/impl/Log4JLogger.java
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1.24 py3-distlib 0.3.3-r0
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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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Distutils2 Contributors
========================

The Distutils2 project was started by Tarek Ziad and is currently maintained by ric Araujo. Many people have contributed to the project.

distlib has started off using some of the code from distutil2.

If you're making a patch, please add your name below in alphabetical order, and welcome into the Fellowship of the Packaging!

Thanks to:

- Rajiv Abraham
- Ali Afshar
- David Barnett
- Pior Bastida
- Anthony Baxter
- Erik Bray
- C. Titus Brown
- Francisco Martín Brugu
- Nicolas Cadou
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1.25 latencyutils 2.0.3

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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 &lt;code&gt;MethodVisitor&lt;/code&gt; to send the resulting inlined
 * method code to (use &lt;code&gt;null&lt;/code&gt; 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 &lt;tt&gt;null&lt;/tt&gt;.
 * @param exceptions
 * the internal names of the method's exception classes (see
 * { @link Type#getInternalName()} getInternalName)). May be
 * &lt;tt&gt;null&lt;/tt&gt;.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

Found in path(s):
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  jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
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/**
 * Creates a new ( @link GeneratorAdapter). <i>Subclasses must not use this constructor</i>. 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.
 */

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/**
 * Constructs a new [@link Textifier]. <i>Subclasses must not use this
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 *
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

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* /
/**
 * Constructs a new [@link ClassNode]. <i>Subclasses must not use this
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 * version.
 *
 * @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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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/NameMapping.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/Printer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/Shrinker.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/Method.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/MethodInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/MethodVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SourceValue.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/AdviceAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/Remapper.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/JarOptimizer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/Constant.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InnerClassNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/ParameterNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Subroutine.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TypeAnnotationNode.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
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/**
 * Creates a new [@link AnalyzerAdapter]. <i>Subclasses must not use this
 * constructor</i>. 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 <tt>null</tt>.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/shrink-resize.properties
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/TypeReference.java

1.31 swagger-annotations 1.5.20
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* /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
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  jar/io/swagger/annotations/Tag.java
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  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
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* /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
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1.32 python-setuptools 52.0.0

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1.33 progress 1.6

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1.34 simpleclient servlet_common 0.12.0

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Manifest-Version: 1.0
Bnd-LastModified: 1630271589604
Build-Jdk: 11.0.12
Built-By: fabian
Bundle-Description: HTTP servlet exporter for the simpleclient.
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Prometheus Java Simpleclient Servlet - Common
Bundle-SymbolicName: io.prometheus.simpleclient_servlet_common
Bundle-Version: 0.12.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.prometheus.client.servlet.common.filter;uses:="io.prometheus.client.servlet.common.adapter";version="0.12.0",io.prometheus.client.servlet.common.adapter;version="0.12.0",io.prometheus.client.servlet.common.exporter;uses:="io.prometheus.client,io.prometheus.client.servlet.common.adapter";version="0.12.0"
Import-Package: io.prometheus.client;version="[0.12,1)",io.prometheus.client.exporter.common;version="[0.12,1)"
Tool: Bnd-2.1.0.20130426-122213

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1.35 grpc-netty-shaded 1.30.2

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1.40 python-certifi 2020.12.5

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.41 ldns 1.7.2_git20210911-r1

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1.42 jakarta-persistence-api 2.2.3

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1.43 idna 13.0.0

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1.44 etcd-client 3.5.2

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1.45 urfave-cli 1.20.0

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1.46 pierrec-lz4 2.6.1+incompatible

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1.47 spring-tx 5.3.18

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1.48 py3-six 1.16.0-r0

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1.49 classmate 1.5.1

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* /opt/cola/permits/1301895021_1649303974.16/0/netty-resolver-4-1-75-final-sources-1-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/cola/permits/1301895021_1649303974.16/0/netty-resolver-4-1-75-final-sources-1-jar/io/netty/resolver/NameResolver.java
* /opt/cola/permits/1301895021_1649303974.16/0/netty-resolver-4-1-75-final-sources-1-jar/io/netty/resolver/NoopAddressResolver.java
* /opt/cola/permits/1301895021_1649303974.16/0/netty-resolver-4-1-75-final-sources-1-jar/io/netty/resolver/NoopAddressResolverGroup.java
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* /opt/cola/permits/1301895021_1649303974.16/0/netty-resolver-4-1-75-final-sources-1-jar/io/netty/resolver/RoundRobinInetAddressResolver.java
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  jar/io/netty/resolver/ResolvedAddressTypes.java
* /opt/cola/permits/1301895021_1649303974.16/0/netty-resolver-4-1-75-final-sources-1-
  jar/io/netty/resolver/HostsFileEntries.java

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jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /opt/cola/permits/1301895021_1649303974.16/0/netty-resolver-4-1-75-final-sources-1-
jar/io/netty/resolver/AbstractAddressResolver.java
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jar/io/netty/resolver/InetSocketAddressResolver.java
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1.55 simpleclient 0.6.0

1.56 utmps 0.1.0.3-r0

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* /opt/ws_local/PERMITS_SQL/1082519010_1597959698.08/0/springfox-spring-webflux-3-0-0-sources-jar/springfox/documentation/spring/web/WebFluxRequestHandler.java

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* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/EpollDomainDatagramChannelConfig.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-
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* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-
jar/io/netty/channel/epoll/EpollChannelOption.java
* /opt/cola/permits/13017037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-
jar/io/netty/channel/epoll/EpollEventLoop.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-
jar/io/netty/channel/epoll/EpollServerSocketChannel.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-
jar/io/netty/channel/epoll/EpollDatagramChannel.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-
jar/io/netty/channel/epoll/EpollEventLoopGroup.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-
jar/io/netty/channel/epoll/package-info.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.
 */

/**
 * 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.
 */

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* /opt/cola/permits/13017037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/TcpMd5Util.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/EpollChannelConfig.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/EpollMode.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/EpollServerChannelConfig.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/EpollEventArray.java
* /opt/cola/permits/1301917037_1649305305.07/0/netty-transport-classes-epoll-4-1-75-final-sources-1-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java

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* /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-jar/io/netty/handler/ssl/OpenSslCertificateCompressionAlgorithm.java
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  jar/io/netty/handler/ssl/ocsp/package-info.java
  
  * /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
    jar/io/netty/handler/ssl/AbstractSniHandler.java
  
  * /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
    jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
  
  * /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
    jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
  
  * /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
    jar/io/netty/handler/ssl/SniCompletionEvent.java
  
  * /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
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  jar/io/netty/handler/ssl/Conscrypt.java
  */opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
  jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
  */opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
  jar/io/netty/handler/ssl/OptionalSslHandler.java
  */opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
  jar/io/netty/handler/ssl/SslClientHelloHandler.java
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  jar/io/netty/handler/ssl/SslCompletionEvent.java
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  jar/io/netty/handler/ssl/JdkAlpnSslEngine.java
  */opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
  jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
  */opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
  jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java
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  jar/io/netty/handler/address/DynamicAddressConnectHandler.java
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  jar/io/netty/handler/ssl/PseudoRandomFunction.java
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  jar/io/netty/handler/ssl/SslMasterKeyHandler.java
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  jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java
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  jar/io/netty/handler/address/package-info.java
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  jar/io/netty/handler/ssl/BouncyCastle.java
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  jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java
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* /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java
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* /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1.jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1.jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
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* /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1.jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1.jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1.jar/io/netty/handler/ssl/OpenSslSession.java

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  jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
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  jar/io/netty/handler/ssl/OpenSslCertificateException.java
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  jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1301895169_1649303795.24/0/netty-handler-4-1-75-final-sources-1-
  jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java

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1.91 netcat-openbsd 1.130-r3

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1.92 urllib3 1.26.2

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# Contributions to the urllib3 project

## Creator & Maintainer

* Andrey Petrov <andrey.petrov@shazow.net>

## Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers
* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRiBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravelosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
* Stream method for Response objects.
* Return native strings in header values.
* Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)
* Ian Cordasco <graftatcolmingov@gmail.com>
* PEP8 Compliance and Linting
* Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
* Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
* Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
* Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
* Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
* Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
* Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
* Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
* Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
* Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
* IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
* App Engine environment tests.
  * Documentation re-write.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.
* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
  * Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenbergh <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.
* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vending

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
  * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
  * Update appveyor tox setup to use the 64bit python.

* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite

* Will Bond <will@wbond.net>
  * Add Python 2.6 support to ``contrib.securetransport``

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
  * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
  * Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
  * Remove Authorization header regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
  * Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
  * Remove a spurious TypeError from the exception chain inside HTTPConnectionPool._make_request(), also for BaseExceptions.

* Jorge Lopez Silva <https://github.com/jalopezsilva>
  * Added support for forwarding requests through HTTPS proxies.

* Benno Rice <benno@jeamland.net>
  * Allow cadata parameter to be passed to underlying `SSLContext.load_verify_locations()`.

* Keiichi Kobayashi <abok.1k@gmail.com>
  * Rename VerifiedHTTPSConnection to HTTPSConnection

* Himanshu Garg <garg_himanshu@outlook.com>
  * DOC & LICENSE Update

* Hod Bin Noon <bin.noon.hod@gmail.com>
  * Test improvements

* Chris Olufson <stycarac@gmail.com>
  * Fix for connection not being released on HTTP redirect and response not preloaded

* [Bastiaan Bakker] <https://github.com/bastiaanb>
  * Support for logging session keys via environment variable `SSLKEYLOGFILE` (Python 3.8+)

* [Ezzeri Esa] <https://github.com/savarin>
  * Ports and extends on types from typeshed

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]
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1.94 py3-distro 1.6.0-r0

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1.95 urllib3 1.26.7

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*/opt/cola/permits/1258903337_1643118323.99/0/netty-tcnative-boringssl-static-2-0-30-final-sources-
Manifest-Version: 1.0
BoringSSL-Revision: 243b5cc9e33979ae2afa79eaa4e4c8d59db161d4
Bundle-Description: A Mavenized fork of Tomcat Native which incorporates various patches. This artifact is statically linked to BoringSSL and Apache APR.
Apr-Version: 1.6.5
Automatic-Module-Name: io.netty.tcnative.boringssl
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.tcnative-boringssl-static
Archiver-Version: Plexus Archiver
Built-By: norman
Bnd-LastModified: 1584602214305
Bundle-ManifestVersion: 2
Bundle-DocURL: http://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional
Tool: Bnd-2.1.0.20130426-122213
Export-Package: io.netty.internal.tcnative;version="2.0.30.Final"
Bundle-Name: Netty/TomcatNative [BoringSSL - Static]
Bundle-Version: 2.0.30.Final
BoringSSL-Branch: chromium-stable
Bundle-NativeCode: META-INF/native/libnetty_tcnative.jnilib;osname=macosx;;processor=x86_64
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_232

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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/example/stomp/websocket/StompWebSocketChatServer.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/example/stomp/websocket/StompWebSocketChatServerInitializer.java
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/example/stomp/websocket/StompWebSocketChatServer.java
jar/io/netty/example/stomp/websocket/StompChatHandler.java

* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/example/discard/DiscardServerHandler.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequest.java
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/internal/tcnative/CertificateVerifierTask.java
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jar/io/netty/bootstrap/BootstrapConfig.java
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 * Utility class for {@link ByteBuf} that encodes and decodes to and from
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/redis/RedisMessageType.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/redis/IntegerRedisMessage.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/redis/DefaultLastBulkStringRedisContent.java
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/redis/AbstractStringRedisMessage.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/redis/ErrorRedisMessage.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/redis/RedisMessagePool.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/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/util/internal/logging/MessageFormatter.java

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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/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/handler/codec/sctp/package-info.java
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/handler/traffic/TrafficCounter.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/channel/udt/nio/NioUdtMessageAcceptorChannel.java
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jar/io/netty/handler/codec/sctp/SctpMessageToMessageDecoder.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
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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.
A `@link ChannelHandler` often needs to store some stateful information. The simplest and recommended approach is to use member variables:

```java
public interface Message {
    // your methods here
}

public class DataServerHandler extends `@link SimpleChannelInboundHandler<Message>` {
    private boolean loggedIn;

    @Override
    public void channelRead0(`@link ChannelHandlerContext` ctx, Message message) {
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) message);
            loggedIn = true;
        } else if (message instanceof GetDataMessage) {
            if (loggedIn) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
            } else {
                fail();
            }
        }
    }
    ...
}
```

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 an unauthenticated client can get the confidential information:

```java
// Create a new handler instance per channel.

public class DataServerInitializer extends `@link ChannelInitializer<Channel>` {
    @Override
    public void initChannel(`@link Channel` channel) {
        channel.pipeline().addLast("handler", new DataServerHandler());
    }
    ...
}
```

Using `@link AttributeKey`s
* 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
  * }
  * </pre>
  * private final [@link AttributeKey] &lt;[@link Boolean]&gt; auth =
  *     [@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")] ;
  * ...
  * <code>@Sharable</code>
  * 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) {
  *         Attribute&lt;Boolean&gt; attr = ctx.attr(auth);
  *         if (message instanceof LoginMessage) {
  *             authenticate((LoginMessage) o);
  *             attr.set(true);
  *         } 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();
  *     @Override
  *     public void initChannel([@link Channel] channel) {
  *         channel.pipeline().addLast("handler", <b>SHARED</b>);
  *     }
  * </pre>
  * <p>
  * The [@code @Sharable] annotation
In the example above which used an `AttributeKey`, you might have noticed the `@Sharable` annotation.

If a `ChannelHandler` is annotated with the `@Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `ChannelPipeline`s multiple times without a race condition.

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.

This annotation is provided for documentation purpose, just like the JCIP annotations. Additional resources worth reading:

Please refer to the `ChannelHandler`, and `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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jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java
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jar/io/netty/handler/codec/redis/InlineCommandRedisMessage.java
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jar/io/netty/channel/sctp/nio/NioSctpServerChannel.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/channel/sctp/SctpMessage.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/channel/sctp/SctpNotificationHandler.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/channel/sctp/SctpChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/handler/codec/http/websocket/WebSocket07FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
jar/io/netty/handler/codec/http/websocket/WebSocket13FrameDecoder.java

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* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/handler/codec/http2/ClientCookieEncoder.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/handler/codec/http2/HttpScheme.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/handler/codec/headders_util.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/resolver/dns/ShuffledDnsServerAddressStream.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/resolver/dns/InetNameResolver.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/buffer/HeapByteBufUtil.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/handler/codec/socksx/v5/Socks5AddressDecoder.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/handler/ssl/InetNameResolver.java
* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources.jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
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 */
/**
 * A decoder that splits the received ByteBufs 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.

* [@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.

* `ch3>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>`

* `ch3>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>`

* `ch3>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> 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" |
  * +--------+----------------+      +--------+----------------+
  *
  */
  *
  * <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" |
  * +----------+----------+----------------+      +----------+----------+----------------+
  *
  */
  *
  * <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>

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
  +------QUIRES+---+----+---+--------+---+---+---+---+--------+---+---+---+---+--------+---+---+---+---+
  |
  | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
  | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
  +------+--------+------+----------------+      +------+----------------+

* </pre>

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
  +----------+----------+----------------+      +----------+----------------+
  | HDR1 | HDR2 | Actual Content |----->| HDR2 | Actual Content |
  | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
  +----------+----------+----------------+      +----------+----------------+

* </pre>

* 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>.

* 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>

* 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>

* 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.

* lengthFieldOffset = 1
* lengthFieldLength = 2
* \texttt{lengthAdjustment} = \texttt{-3} (= the length of HDR1 + LEN, negative)
* \texttt{initialBytesToStrip} = 3

* \text{BEFORE DECODE (16 bytes)} \quad \text{AFTER DECODE (13 bytes)}

* \begin{align*}
\text{HDR1} & | \text{Length} & | \text{HDR2} & | \text{Actual Content} \\
0xCA & | 0x0010 & 0xFE & \text{"HELLO, WORLD"} \quad \downarrow \quad 0xFE & | \text{"HELLO, WORLD"}
\end{align*}

* \texttt{/pre>

* \texttt{@see LengthFieldPrepender}

* /

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* /opt/ws\_local/PERMITS\_SQL/1073709946\_1598983444.54/0/netty-all-4-1-49-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.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.
 */
/**
 * Set the { @code TCP_QUICKACK} option on the socket. See <a href="http://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
 * for more details.
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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/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
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  jar/io/netty/resolver/dns/DefaultAuthoritativeDnsServerCache.java

* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
  jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java

* /opt/ws_local/PERMITS_SQL/1073709946_1598983444.54/0/netty-all-4-1-49-final-sources-
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1.108 failureaccess 1.0.1

1.109 zlib 1.2.12-r1

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.12, March 11th, 2022

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/
/* zutil.c -- target dependent utility functions for the compression library
* Copyright (C) 1995-2017 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

1.110 charset-normalizer 2.0.7

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov  3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication. Just configure this file as the SSLCertificateFile.

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1.120 jinja2 2.11.2
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```python
import io
import re
from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("src/jinja2/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r'__version__ = "(.*)"', f.read(), re.M).group(1)

setup(
    name="Jinja2",
    version=version,
    url="https://palletsprojects.com/p/jinja/",
    project_urls={
        "Documentation": "https://jinja.palletsprojects.com/",
        "Code": "https://github.com/pallets/jinja",
        "Issue tracker": "https://github.com/pallets/jinja/issues",
    },
    license="BSD-3-Clause",
    author="Armin Ronacher",
    author_email="armin.ronacher@active-4.com",
    maintainer="Pallets",
    maintainer_email="contact@palletsprojects.com",
    description="A very fast and expressive template engine.",
    long_description=readme,
    classifiers=[
```
"Development Status :: 5 - Production/Stable",
"Environment :: Web Environment",
"Intended Audience :: Developers",
"License :: OSI Approved :: BSD License",
"Operating System :: OS Independent",
"Programming Language :: Python",
"Programming Language :: Python :: 2",
"Programming Language :: Python :: 2.7",
"Programming Language :: Python :: 3",
"Programming Language :: Python :: 3.5",
"Programming Language :: Python :: 3.6",
"Programming Language :: Python :: 3.7",
"Programming Language :: Python :: 3.8",
"Programming Language :: Python :: Implementation :: CPython",
"Programming Language :: Python :: Implementation :: PyPy",
"Topic :: Internet :: WWW/HTTP :: Dynamic Content",
"Topic :: Software Development :: Libraries :: Python Modules",
"Topic :: Text Processing :: Markup :: HTML",
],
packages=find_packages("src"),
package_dir={"": "src"},
include_package_data=True,
python_requires=">=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*",
install_requires=["MarkupSafe>=0.23"],
extras_require={"i18n": ["Babel>=0.8"]},
entry_points={"babel.extractors": ["jinja2 = jinja2.ext:babel_extract[i18n]"]},
)

Found in path(s):
* /opt/cola/permits/1160880513_1620412497.03/0/jinja2-2.11.2-tar.gz/Jinja2-2.11.2/setup.py
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Metadata-Version: 2.1
Name: Jinja2
Version: 2.11.2
Summary: A very fast and expressive template engine.
Home-page: https://palletsprojects.com/p/jinja/
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
Maintainer: Pallets
Maintainer-email: contact@palletsprojects.com
License: BSD-3-Clause
Project-URL: Code, https://github.com/pallets/jinja
Description: Jinja

Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

Installing
---------

Install and update using `pip`:

.. code-block:: text

   $ pip install -U Jinja2


In A Nutshell
-------------

.. code-block:: jinja

   {% extends "base.html" %}
   {% block title %}Members{% endblock %}
   {% block content %}
   <ul>
   {% for user in users %}
   <li><a href="{{ user.url }}">{{ user.username }}</a></li>
   {% endfor %}
   </ul>
   {% endblock %}

Links
-----

- Website: https://palletsprojects.com/p/jinja/
- Documentation: https://jinja.palletsprojects.com/
- Releases: https://pypi.org/project/Jinja2/
- Code: https://github.com/pallets/jinja
- Issue tracker: https://github.com/pallets/jinja/issues
- Test status: https://dev.azure.com/pallets/jinja/_build
- Official chat: https://discord.gg/t6rrQZH
1.121 bzip2 1.0.8-r1

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.122 log4j-web 2.16.0

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1.123 x-crypto 0.0.0-20220214200702-86341886e292

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1.124 netty-codec-dns 4.1.75.Final

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* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/META-INF/maven/io.netty/netty-codec-dns/pom.xml
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* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io.netty.handler.codec/dns/TcpDnsResponseEncoder.java
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jar/io/netty/handler/codec/dns/DatagramDnsResponseEncoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsResponse.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/AbstractDnsMessage.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DefaultDnsRecordDecoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/AbstractDnsRecord.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsResponseCode.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsMessage.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsQuery.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
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* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DefaultDnsRecordEncoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsRecordDecoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsRecordEncoder.java
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jar/io/netty/handler/codec/dns/DnsQuery.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsSection.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DatagramDnsResponseDecoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DatagramDnsResponseEncoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DatagramDnsResponse.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsRecordEncoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsRecordDecoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DnsRecordEncoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
jar/io/netty/handler/codec/dns/DatagramDnsQueryEncoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/DefaultDnsResponse.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/DatagramDnsQuery.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/DefaultDnsQuestion.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/DnsQuestion.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/package-info.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/ DatagramDnsQueryDecoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/DnsRawRecord.java

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* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/AbstractDnsOptPseudoRrRecord.java
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* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/DefaultDnsOptEcsRecord.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-jar/io/netty/handler/codec/dns/DefaultDnsPtrRecord.java

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  jar/io/netty/handler/codec/dns/DnsResponseDecoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/dns/DnsCodecUtil.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/dns/TcpDnsResponseDecoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/dns/TcpDnsQueryEncoder.java
* /opt/cola/permits/1302049225_1649313716.08/0/netty-codec-dns-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/dns/DnsQueryEncoder.java

1.125 lumberjack 2.0.0

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1.126 x-sys 0.0.0-20220114195835-da31bd327af9

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1.127 fsnotify 1.5.1

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1.128 spring-web 5.3.18

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1.130 lz4-java 1.6.0
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* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/UnixChannelUtil.java
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* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/package-info.java
* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/IovArray.java
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jar/io/netty/channel/unix/Limits.java
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jar/netty_unix_util.h
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* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java
* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_socket.h
* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java
* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/UnixChannel.java
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* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java
* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java
* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/Errors.java
* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_filedescriptor.h
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* /opt/cola/permits/1258891326_1643118315.87/0/netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java

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* /opt/cola/permits/1257217757_1642790274.61/0/hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/HikariConfigMXBean.java
* /opt/cola/permits/1257217757_1642790274.61/0/hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/metrics/dropwizard/CodahaleMetricsTrackerFactory.java
* /opt/cola/permits/1257217757_1642790274.61/0/hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/ProxyPreparedStatement.java
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* /opt/cola/permits/1257217757_1642790274.61/0/hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/util/SuspendResumeLock.java
* /opt/cola/permits/1257217757_1642790274.61/0/hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/ProxyResultSet.java
* /opt/cola/permits/1257217757_1642790274.61/0/hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/util/JavassistProxyFactory.java
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* /opt/cola/permits/1257217757_1642790274.61/0/hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/ProxyLeakTask.java

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@page
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@heading END OF TERMS AND CONDITIONS
@end iftex
@ifinfo
@center END OF TERMS AND CONDITIONS
@end ifinfo
@end ifinfo

@page
@heading Appendix: How to Apply These Terms to Your New Programs

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. 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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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python’s principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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* /opt/cola/permits/1301917057_1649305377.03/0/netty-codec-http2-4-1-75-final-sources-jar/io.netty/handler/codec/http2/UniformStreamByteDistributor.java
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* /opt/cola/permits/1301917057_1649305377.03/0/netty-codec-http2-4-1-75-final-sources-jar/io/netty/handler/codec/http2/Http2OutboundFrameLogger.java
* /opt/cola/permits/1301917057_1649305377.03/0/netty-codec-http2-4-1-75-final-sources-jar/io/netty/handler/codec/http2/Http2InboundFrameLogger.java

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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/package-info.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-
jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-
jar/io/netty/handler/ssl/ClientAuth.java
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jar/io/netty/handler/ssl/SslMasterKeyHandler.java
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jar/io/netty/handler/ssl/KeyManagerFactoryWrapper.java
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jar/io/netty/handler/ssl/util/KeyManagerFactory.java
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jar/io/netty/handler/address/DynamicAddressConnectHandler.java
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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
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* /opt/cola/permits/1258896271_1643117819.52/0/netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
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  jar/io/netty/handler/timeout/ReadTimeoutHandler.java
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  jar/io/netty/handler/ssl/package-info.java
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  jar/io/netty/handler/stream/package-info.java
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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python’s
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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1.157 go-zookeeper 0.0.0-20201211165307-7117e9ea2414

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python’s
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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distlib has started off using some of the code from distutil2.

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- javae_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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  Donate = https://palletsprojects.com/donate
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author = Armin Ronacher
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description = Safely add untrusted strings to HTML/XML markup.
long_description = file: README.rst
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classifiers =
  Development Status :: 5 - Production/Stable
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[options]
packages = find:
package_dir = = src
include_package_data = True
python_requires = >= 3.7

[options.packages.find]
where = src

[tool:pytest]
testpaths = tests
filterwarnings = error

[coverage:run]
branch = True
source = markupsafe
tests

[coverage:paths]
source = src
*/site-packages

[flake8]
select = B, E, F, W, B9, ISC
ignore = E203 E501 E722 W503
max-line-length = 80

[mypy]
files = src/markupsafe
python_version = 3.7
show_error_codes = True
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallowIncomplete_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True
[egg_info]
tag_build =
tag_date = 0

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Summary: Safely add untrusted strings to HTML/XML markup.
Home-page: https://palletsprojects.com/p/markupsafe/
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Requires-Python: >=3.7
Description-Content-Type: text/x-rst
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MarkupSafe
==========

MarkupSafe implements a text object that escapes characters so it is safe to use in HTML and XML. Characters that have special meanings are replaced so that they display as the actual characters. This mitigates injection attacks, meaning untrusted user input can safely be displayed on a page.
Installing
---------

Install and update using `pip`_

.. code-block:: text

    pip install -U MarkupSafe


Examples
--------

.. code-block:: pycon

    >>> from markupsafe import Markup, escape

    >>> # escape replaces special characters and wraps in Markup
    >>> escape("<script>alert(document.cookie);</script>")
    Markup('&lt;script&gt;alert(document.cookie)&lt;/script&gt;')

    >>> # wrap in Markup to mark text "safe" and prevent escaping
    >>> Markup("<strong>Hello</strong>")
    Markup('<strong>hello</strong>')</n
    >>> escape(Markup("<strong>Hello</strong>"))
    Markup('<strong>hello</strong>')</n
    >>> # Markup is a str subclass
    >>> # methods and operators escape their arguments
    >>> template = Markup("Hello <em>{name}</em>"
    Markup("<strong>hello</strong>")

    >>> template.format(name="World")
    Markup('Hello <em>World</em>')

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jar/springfox/documentation/swagger2/mappers/InheritanceDeterminer.java
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jar/springfox/documentation/swagger2/mappers/Properties.java

1.174 zstd-jni 1.4.0 1
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Zstd-jni: JNI bindings to Zstd Library

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1.175 x-term 0.0.0-20210927222741-03fcf44c2211

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1.182 jakarta-validation-api 2.0.2
1.182.1 Available under license :

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/*
 * Jakarta Bean Validation API
 *
 * License: Apache License, Version 2.0
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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/java/validation/metadata/ParameterDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/constraints/NotNull.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/constraints/package-info.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/GroupSequence.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/constraints/Negative.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/ConstraintValidatorFactory.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/ValidationException.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/OverridesAttribute.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/spi/BootstrapState.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/constraints/Email.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/ConstraintDeclarationException.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/metadata/PropertyDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/ConstraintValidator.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/executable/ExecutableType.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/constraints/assertFalse.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/constraints/DefaultMax.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/constraints/Positive.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/constraints/NotEmpty.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/spi/ConfigurationState.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3-
jar/java/validation/Payload.java
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~ Jakarta Bean Validation API
1.183 ca-certificates 20211220-r0

1.183.1 Available under license:

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# 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_ENCPHERMENT  CK_TRUST  (varies)
# CKA_TRUST_DATA_ENCPHERMENT  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
# 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:3:94
# 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

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"

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\060\101\036\060\111\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\060\101\036\060\111\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\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\000\000\001\025\113\132\303\224\060\015\006\011\052\206
\110\206\367\015\001\001\000\005\005\000\006\127\06\101\03\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
# Trust for 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:3:94
# 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

# 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
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

# 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\132
END

# Trust for 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:5f: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

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_CERT_SHA1_HASH MULTILINE_OCTAL
\040\102\205\334\367\353\166\101\125\127\216\162\231\153\124\267\321
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\040\102\205\334\367\353\166\101\125\127\216\162\231\153\124\267\321
END

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1220
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1221

# 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
# 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

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
0602013201061013006011006010301250040060230020020123
0610270600250060030125004012023016126145162151123
1511471560054040111115614305606103706003500000030125
004013002306216145162151123011471560040124162165
161614600401161451641671751621530610720600700006003
1250040130302306105014305010400610710710710401126145
16215112311511471560054001111156143056040005040106
157162040141165164150157162151172145144040165163
1454001571561541710611050601030000125004003023
0741261451621511231151147156004010315414116316340
061040120165142154151143040120162151155141162171
040103145162164151146151143141164151157156040101
165164150157162151164171040055040107063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002021000021313316512612041242050130001317257070110
316261244
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

#
# Trust for 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
# 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
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
\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_SERIAL_NUMBER MULTILINE_OCTAL
\370\276\304\143\042\311\125\010\64\213\270\035\036\311\053\366
END

CKA_ISSUER MULTILINE_OCTAL
\060\020\312\061\130\060\011\006\003\125\004\006\023\002\125\013
\061\027\060\025\060\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\031\125
\004\013\023\026\126\145\162\151\23\151\147\156\040\012\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\130\023\061\050\143\051\040\030\017\071\071\040\126\145
\162\151\123\151\147\156\054\040\011\156\143\056\040\055\040\010
\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\010\03\006\031\125\004\003\023
\074\126\145\162\215\1123\151\147\156\040\013\154\011\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\13\145\162\164\151\146\151\143\141\164\151\157\156\040\010
\165\164\150\157\162\151\164\171\040\055\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
# 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

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"

# 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

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"

# 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

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"
\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
\270\057\342\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
\306\206\135\172\055\273\157\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\030\030\041\142\161\103\160\326\325\300\007
\341\002\003\001\000\000\124\310\020\060\000\016\006\003\125\035
\017\001\000\137\004\000\003\002\000\100\060\001\170\006\033\125\035
\023\000\100\137\004\000\005\060\000\003\001\001\137\060\035\006\003\125
\035\016\040\026\004\000\024\125\344\111\102\129\027\063\021\112\271
\010\243\061\137\124\104\011\010\262\071\160\060\015\006\011\052\026
\110\206\136\07\150\001\010\005\000\000\303\002\000\100\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\022\61\146\044\372\100\033
\041\047\312\124\346\162\163\362\117\376\061\231\173\010\141\114\150
\123\036\002\020\002\230\372\266\055\033\215\075\361\131\165\036\066
\025\021\223\020\143\356\077\225\257\021\125\017\327\057\336\037
\003\217\127\054\036\311\127\032\014\242\353\303\011\137\246\037
\315\175\172\020\057\333\040\011\322\042\265\156\330\035\072\234
\326\236\321\154\171\136\171\034\024\305\343\320\114\223\073\145
\074\055\337\075\276\246\345\225\032\030\265\031\033\275\136\133
\273\377\043\357\150\003\131\022\223\047\130\003\055\157\060\032
\036\266\032\254\334\132\236\022\125\025\047\246\376\171\010\134
\171\231\063\127\272\202\226\025\134\010\215\142\233\121\126\336\376
\155\204\013\010\213\176\215\135\237\230\041\036\036\347\074\171
\057\136\234\321\114\025\215\341\035\042\067\131\142\232\013\013\227
\334\200\220\152\263\147\233\157\110\010\205\126\017\277\361\053
\174\136\232\160\351\131\220\030\174\203\065\021\145\121
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.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

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\051\145\164\061\100\060\076\006\003\125
\004\013\024\067\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\054\151
\155\151\164\163\040\145\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\015
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\163\060\061\100\060\033\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
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
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

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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 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
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
\122\312\344\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\254\266\245\234\027\340\327\221\122\233\261\122\006\246\344
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\11\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\013\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 (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F: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 "Entrust Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\260\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\126\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
\101\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

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END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\020\260\060\061\103\060\001\11\006\000\03\125\000\04\006\023\002\125\123
\061\026\020\024\006\003\125\000\04\012\203\030\151\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\000
\013\023\060\061\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\116\13\014\151\156\143\157\162\160
\157\162\14\11\164\145\144\040\142\171\040\162\145\146\152\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\066\004\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\000\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\11\164\151\157\160\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\020\020\03\171\124\000\03\172\001\002\002\004\105
\153\120\124\060\015\006\001\11\052\206\110\206\367\15\150\001\105\156\164
\162\165\163\164\054\040\111\156\143\056\061\071\060\067\006\003
\125\000\013\023\060\167\167\167\056\145\156\164\162\165\163\164
\056\156\145\145\064\157\103\120\123\040\151\163\040\151\156\143\157
\162\161\157\162\14\11\164\145\144\040\142\171\040\162\145\146\145
\162\145\156\143\145\061\103\070\000\035\006\003\125\000\013\023\026
\050\041\105\156\164\162\165\163\164\040\125\000\013\023\026
\050\041\105\156\164\162\165\163\164\040\125\000\013\023\026
\054\040\111\156\143\056\061\055\060\053\006\003\125\000\003\023
\044\105\156\164\162\165\163\164\040\125\000\013\023\026
\157\162\15\11\164\17\10\003\060\207\150\060\066\010\106\106\206\067
\060\062\063\064\062\132\027\150\060\066\010\106\206\067\062\060
\065\063\064\062\132\060\021\126\060\010\130\060\01\106\000\03\125\004
\006\023\002\125\123\061\102\060\024\006\003\125\004\012\123\015
\105\156\164\162\165\163\164\054\040\111\156\143\056\061\107\106
\067\006\003\125\000\013\023\120\167\117\117\056\145\156\164\162
\165\163\164\056\156\154\057\103\120\123\040\151\163\040\151
\156\143\145\162\160\157\162\11\164\145\144\040\142\171\040\162
\145\146\145\162\145\156\143\145\056\061\037\060\035\006\003
\103\023\026\050\143\051\105\156\164\162\165\163\164\040\125\000
\105\130\203\026\050\143\051\105\156\164\162\165\163\164\040
\156\163\164\054\040\111\156\143\056\061\105\060\053\006\003
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 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 (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F: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 "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\171
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\326\245\303\355\135\335\076\060\100\107\122\137\324\035\077\344
END
CKA_ISSUER MULTILINE_OCTAL
\060\020\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\066\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\115\163\035\061\071\060\067\006\003\125\004
\013\023\060\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\004\010\155\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\031\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
# 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

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_VALUE 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
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 Certificate "Certum Root CA"
# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Serial Number: 65658 (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
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\130\060\001\100\060\003\125\004\006\023\002\120\114\061
\033\060\031\006\000\03\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
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\012\050\040\010\014\022\017\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
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 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
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\142\202\107\162\145\141\164\145\162\040\115\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\154\146\151\146\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
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\010\061\013\060\001\011\006\003\125\004\006\023\002\010\211\5061
\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\013\010\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\010\061\013\060\001\011\006\003\125\004\006\023\002\012\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\013\010\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\015\206\110\206\367\015\001\001\005\000
\060\015\060\013\060\011\006\003\125\004\006\023\002\010\211\5061
\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\013\010\040\062\060\036\027\015\060\060\060\061\061\062
\064\040\017\060\062\067\060\060\132\027\015\063\061\061\062\064
\061\070\062\063\063\063\132\060\105\061\013\060\011\006\003\125
\004\006\023\002\012\211\5061\031\060\027\006\003\125\004\012\023
\020\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103\010\040\062\060\020
\002\040\060\015\006\011\052\020\156\063\015\001\001\001\005
\000\003\012\020\017\000\060\020\002\021\020\020\020\001\000\0232
\030\031\011\013\224\001\015\000\055\257\003\051\012\236\017\201\013\0256
\114\031\120\055\035\010\237\253\015\110\020\025\036\057\201\255\062\036
\122\010\267\277\243\206\046\032\036\376\176\034\030\072\134\234\140
\027\052\027\214\204\030\060\175\141\124\021\130\355\253\340\346
\322\242\176\365\153\157\030\267\012\030\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\033\3007
\223\274\150\060\221\136\377\370\333\021\012\230\042\234\167\166\301
\256\267\002\152\201\172\251\105\203\342\005\346\271\126\301\224
\070\02365\073\0350\0100\0341\1264\1561\1260\032\040\0314\1574\1302\1253\155
\0561\0512\1732\36351\2230\0773\3472\2610\0543\3370\0723\2630\042\214334
\2042\2730\042\1575\3220\3730\3443\0606\0713\3510\0042\1004\0743\0303\2723\153
\1251\1721\1550\2002\2310\0443\3651\1540\0013\3733\3702\2272\2602\2241\1333\153
\3753\2221\1575\3611\1671\1500\1510\6514\4403\3254\2701\1252\2410\0033\121
\1151\2020\0313\3430\3701\1651\1311\1262\2433\3711\2501\1111\1711\3702\2570\116
\2711\0211\2401\1742\6711\1523\3550\0663\2320\2666\0461\1420\0700\3232\2070\14
\3703\3505\3750\0632\2320\2201\1770\0072\2210\0520\32561\1761\1342\205203
\2311\2600\0700\1001\7731\3163\3711\0650\0734\3431\1114\2151\1561\2271\177
\2471\2012\2253\3672\7721\3102\2333\3462\1612\2420\0013\3053\2614\4627\771171
\1411\3633\0704\3434\3411\2711\2022\1341\1352\4030\3515\3301\1102\2750\31
\2420\2102\2401\3111\5612\2620\0603\3150\0761\1106\0732\3210\2671\135
\12261\3612\3430\3750\0471\1420\0110\3422\2211\0311\1343\2223\3610\410335
\2720\2711\2022\2022\2271\1611\2011\1230\0612\2511\2373\3666\1751\1422\2771\162
\3411\2431\2230\0353\1412\2120\0461\1320\1107\0732\3011\3627\0152\0002\26
\2641\7022\4507\22071\1421\5121\2453\3251\0622\3762\0540\20271
\2741\2404\2030\0000\1120\1511\1032\2363\3642\2623\5715\1553\3703\354332
\3611\3432\2613\5733\3721\2212\1712\4405\2013\0453\0104\6031\304422
\0200\0051\1453\2520\2020\3520\3020\0613\15056
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 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
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\100066\1131042620260402102001110071
\0311223174367
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\136071\173\353370\2732354202351254142\272014\124000053
END

CKA_ISSUER MULTILINE_OCTAL
\0601\0506\013\0360\011\0060\033\125004\0060\23002102\115061
\0310600270006003125004012023020121165157126141144
\151163040114151155151164145144061033060031006003

END
# 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 After: Mon Nov 24 19:06:44 2031

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_ID UTF8 "0"
CKA_ISSUER MULTI LINE_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\011\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\013\101\040\063
END

CKA_SERIAL_NUMBER MULTI LINE_OCTAL
\002\002\005\011
END

CKA_VALUE MULTI LINE_OCTAL
\060\202\006\235\060\020\004\205\240\003\002\001\002\002\002\005
\030\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
END
# Trust for 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 After: Mon Nov 24 19:06:44 2031
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_ISSUER MULTILINE_OCTAL
\037\111\024\367\330\164\122\225\035\335\256\002\300\276\375\072\055\202\165\121\205 END
CKA_CERT_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
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\001\110\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\13\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\001\110\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\13\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\000\003\132\060\202\000\010\224\000\003\002\001\000\002\000\001\000
\060\15\000\06\110\052\206\110\206\367\120\150\101\001\005\005\005\006\006
\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
\01\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\000\003\132\060\202\000\010\224\000\003\002\001\000\002\000\001\000
\060\15\000\06\110\052\206\110\206\367\120\150\101\001\005\005\005\006\006
\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
\01\061
END
# Trust for 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
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\006\003\125\004\006\023\002\112\120\061\030\060\011\125\004\006\023\002\112\120\061\124\162\165\163\164\056\150\145\165\164\061\047\060\045\006\003\125\004\013\023\036\123\145\143\165\162\151\164\171\040\010\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
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\060\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\151\162\155\141\040\123\101\104\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\145\162\143\145\040\122\157\157
\164
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\060\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\151\162\155\141\040\123\101\104\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\145\162\143\145\040\122\157\157
\164
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END

CKA_VALUE MULTILINE_OCTAL
\060\015\006\011\052\206\110\206\367\015\001\010\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
\151\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\145\162\143\145\040\122\157\157
\164
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
# For Email Distrust After: Mon Mar 01 00:00:00 2021
CKA_NSS_EMAIL_DISTRUST_AFTER MULTILINE_OCTAL
\062\061\060\063\060\060\060\060\060\060\132
END

# Trust for 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
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\035\023\134\223\046\030\001\134\023\021\041\036\015\005\010\005\006\157\216\014\230
\177\045\012\036\177\030\061\060\121\045\006\003\125\004\006\023\002\015\025\061
\047\060\045\006\003\125\004\012\023\036\101\030\040\013\141\155
END

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1253
# 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

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\173\060\111\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\104\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\161\072\057\057\167\167\167\165\043\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\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
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1255

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002001000

END

CKA_VALUE MULTILINE_OCTAL
06020200040305060020003255240000000200001020000000000
0600010006010105206110206367015001000100050050000060
17506101306001106600301250040060230021051250061047
0600450060003125004012023036011010304010310311551154
16214615116215511410401231010401031110604001001070
06020670606306302070067061043060041006003125004013
02303215016416416400220570571671671670561431500141
155142145162163151147156056157162147061040060036
0060003125004000030230271071154157142141154040103150
1411155142145162163151147156040122157157164060036
022701506006306007106306006106606106406107013120270
0150630670600710630600610660610640610701312060175
061103066011006003125004006023002105125061047060
045006003125004012023036101030401031031155145162
1461151162155114104012310104010311106040010070062
0670640630620207067061043060041006003125004013023
03215016416416400220570571671671670561431501141155
1421451621631511471560561571621470610400600361006
0031125004000302302710711541571421411540401031500140
155142145162163151147156040122157157164060020001
04000600150006110520206110206367015001000100010005000
003202000101500006020001010002020001000100022160
022302310225261330273073301753170242033741117311
124126702323572123273607600401222213140126372624
06602057210115214140001036426701111620401110571111326
0322037332352123122372240001603540771131331267334143
1231320122050011002337305057204215172227167277354
100225045162125326507706223033732672673741622040345
06502073711253724303071615705605033551512403331102
02030613702651043023201031773332741344120741152125
17000121672513303520310622670573761340770333356261
2300354121255172115110353432260171253663403551653352
145350062126023106211250045212145006356153277171
007032036126725735505411522273300250137247147175
0043620025101602542223261750043220633373114266013
0133730323113042150032511761343621202503022455241
317111012024535732231003202372630177261202034167
# Trust for 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
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
\025\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\001\100\006\003\125\004\000\023\002\105\125\061\047\060\045\006\003\125\004\013\023\150\164\160\072\057\057\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\013\023\150\164\160\072\057\057\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\013\023\150\164\160\072\057\057\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\013\023\150\164\160\072\057\057\167\167\056\143\150
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
# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services Inc,OU=www.xrampsecurity.com,C=US
<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td># Not Valid Before:</td>
<td>Mon Nov 01 17:14:04 2004</td>
</tr>
<tr>
<td># Not Valid After:</td>
<td>Mon Jan 01 05:37:19 2035</td>
</tr>
<tr>
<td>CKA_CLASS</td>
<td>CK_OBJECT_CLASS</td>
</tr>
<tr>
<td>CKA_BBOOL</td>
<td>CK_TRUE</td>
</tr>
<tr>
<td>CKA_PRIVATE</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_MODIFIABLE</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_LABEL</td>
<td>UTF8 &quot;XRamp Global CA Root&quot;</td>
</tr>
<tr>
<td>CKA_ID</td>
<td>UTF8 &quot;0&quot;</td>
</tr>
<tr>
<td>CKA_ISSUER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_SERIAL_NUMBER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_VALUE</td>
<td>MULTILINE_OCTAL</td>
</tr>
</tbody>
</table>

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1258
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 Certificate "XRamp Global CA Root"
# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,O=www.xrampsecurity.com,C=US
# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,O=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 (MD5): A1:0B:44:B3:CA:10:D8:00:6E:9D:0F:D8:0F:92:0A: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 "XRamp Global CA Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\270\001\206\321\353\234\206\312\034\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\170\056\143\157\155
\061\044\060\042\020\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\140\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
OPEN SOURCE USED IN CROSSTOWN ZERO TOUCH PROVISIONING 4.0.0

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
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\014\144\144\171\040\040\107\162\157\165\160\054\040\111\156
\143\056\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\161\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\014\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\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\161\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
OPEN SOURCE USED IN CROSSWORK ZERO TOUCH PROVISIONING 4.0.0

```
\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\020\021\156\151\344\226\027\060\377\064\221\143\162
\070\035\61\140\034\001\123\035\224\050\244\061\366\172\304\124\327
\366\345\066\11\130\003\242\314\316\142\333\224\105\163\265\277\105
\311\044\265\325\202\002\225\043\171\151\215\270\266\115\316\137
\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\004\024\124\045\253\156
\163\205\346\323\041\235\012\154\202\016\250\370\302\014\372\020
\036\151\226\357\207\015\304\017\141\213\255\356\203\053\225\370
\216\222\204\162\071\173\350\034\352\203\035\235\015\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\235\321\100\262\200\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\243\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_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for 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
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\000\134\216\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\207\014\273\045\027\052\204\147
END
CKA_ISSUER_MULTILINE_OCTAL
\060\143\061\103\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\230\030\124\150\143\040\107\157
\040\014\014\114\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\066\057\066\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
```
\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\177\060
\015\006\011\015\022\066\110\026\067\015\001\001\005\005\000\003\020
\001\001\000\005\023\057\077\210\023\321\111\032\125\241\024\125\4\151\1363
\363\131\332\233\001\207\032\117\127\251\124\171\111\052\333\367
\057\262\036\314\030\136\152\330\203\207\241\227\357\111\065\076
\167\006\101\130\142\277\216\130\027\012\147\077\354\263\355\041
\146\037\131\114\372\162\314\075\114\100\330\201\257\167\236\020
\172\273\242\037\065\040\207\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\335\050\131\335\115\026\213\027\033\10\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\122\103\134\150\372\323\000\012\207\051\1351
\125\042\130\000\043\352\343\022\103\051\131\107\010\335\241\101
\152\145\006\250\345\041\125\201\126\4\225\215\225\271\175\321\064
\253\023\326\255\274\334\342\075\071\135\275\076\165\160\241\030
\131\003\111\042\264\127\234\325\136\052\327\245\266\324\012\155
\137\026\7\100\021\106\232\037\171\161\142\277\017\227\354\340\057
\037\027\224
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 Certificate "Starfield Class 2 CA"
# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Serial Number: 0 (0x0)
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After : Thu Jun 29 17:39:16 2034
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\106\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\101\060\001\100\060\03\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
# 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:56: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
# CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
# CKA_ID UTF8 "0"
# 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"

END
# Trust for Certificate "DigiCert Assured ID Root CA"
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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

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

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
005143\270\143015\142327\132273\310253\036113\337265\250\231262\115\103
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\20703\161013\173052\0161111\000341\130161\2333067\250\223162
END

CKA_ISSUER MULTILINE_OCTAL
\060145\060101\030600\011006\003125004006023002125123061
\025060023000003\1250040120230141041511417151103145
\162164040111\15614306103106027006003125004013023
\020167167167056144151\14715114314515162164056143157
# Certificate "DigiCert Global Root CA"

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

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

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 Certificate "DigiCert Global Root CA"
# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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
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\124\140\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\167\167\167\151\143\143\143\143\143\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151

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# Certificate "DigiCert High Assurance EV Root CA"

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

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_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\154\061\133\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\010\151\147\151\103\145
\162\164\040\011\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\167\167\167\167\167\167\167\167\167\167\167\167
\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\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\03\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101

END

CKA_SERIALNUMBER MULTILINE_OCTAL
\02\0\02\0\07\134\126\122\120\120\121\124\115\152\131\131\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

#
CKA_NSS_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 Certificate "DigiCert High Assurance EV Root CA"
# Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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
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\134\131\333\255\014\143\232\346\123\170\032
\141\307\334\045
END

CKA_CERT_MD5_HASH: MULTILINE_OCTAL
\324\164\336\127\134\071\126\232\234\025\03\03\03\00\01\01\11\112
END

CKA_ISSUER_MULTILINE_OCTAL
\060\154\061\013\060\001\11\06\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\239\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\03\160\027\006\003\125\004\013\023
\020\167\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\106\003\125\004\003\02\042\104\151\147\151
Abstract:

This document details the configuration settings for Open Source Used In Crosswork Zero Touch Provisioning 4.0.0. It includes settings related to certificate management, specifically for the CKA_SERIAL_NUMBER, CKA_VALUE, CKA_TRUST_SERVER_AUTH, CKA_TRUST_EMAIL_PROTECTION, and CKA_TRUST_CODE_SIGNING. It also describes the certificate properties of the SwissSign Platinum CA - G2 CA. The certificate includes issuer information, serial number, validity dates, and fingerprint data. The document concludes with a summary and a list of tables for reference.
# Trust for 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
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 After : Sat Oct 25 08:30:35 2036
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
# Trust for 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 After : Sat Oct 25 08:30:35 2036

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\022\132\107\372\210\055\302\377\370\315\063\323
END

CKA_ISSUER MULTILINE_OCTAL
\060\01\05\06\01\03\06\00\01\01\00\06\00\33\156\04\00\02\03\02\01\03\11\00\06
\02\05\06\00\02\03\00\00\03\15\00\04\01\12\13\16\15\11\16\3\16\3\123
\15\11\14\15\6\04\10\1\07\06\03\05\06\00\33\12\05\04\00\03\023

END
# 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 After : Sat Oct 25 08:32:46 2036

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

END
\060\003\001\000\137\77\060\035\006\003\125\035\016\004\026\004\024
\027\240\315\031\034\041\010\266\072\133\073\131\013\025\275\034\302
\230\372\206\130\060\037\006\003\125\035\043\004\030\060\026\200
\024\027\240\315\031\034\041\010\266\072\133\073\131\013\025\275\034
\302\230\372\206\130\060\106\060\060\031\125\035\040\004\077\060\075
\060\073\003\001\140\205\164\001\131\001\003\000\010\060\056\060
\054\006\010\053\060\001\005\000\007\000\020\001\026\040\150\164\164
\160\072\057\057\016\214\015\160\157\163\151\164\157\162\171\056\163
\167\151\163\163\163\151\147\156\056\143\157\155\057\060\150\006
\011\052\206\110\206\367\015\000\101\005\000\003\320\020\002\001
\000\016\330\060\013\404\077\322\055\017\340\225\060\342\232\101\177
\120\054\171\137\142\141\251\206\152\151\030\014\164\111\132\61\135
\204\352\10\11\22\030\157\130\255\120\126\040\152\306\275\105\151
\130\221\334\221\021\065\251\072\035\274\032\245\140\023\63\003\037
\177\05\111\151\133\117\027\170\162\301\006\017\052\316\162\172\205
\160\141\254\240\151\013\270\071\051\126\204\062\116\206\273\075
\304\052\331\327\037\162\235\367\121\241\042\101\261\161\002\143
\032\226\060\142\253\136\127\020\037\337\313\335\165\240\300\135
\171\122\014\033\340\120\346\336\061\137\62\017\173\160\137\245\220
\330\055\370\002\266\157\323\140\335\100\113\042\305\030\075\255\072
\172\237\032\032\017\22\11\170\063\272\202\230\344\062\151\003\226\156
\037\113\360\161\137\63\143\147\162\124\240\261\277\134\213\344\372\231
\042\070\204\271\033\215\043\227\077\355\045\340\317\145\273\365
\141\004\357\335\036\262\132\101\042\132\242\237\135\054\350\133
\211\155\251\014\031\170\252\140\306\126\217\001\013\041\150\274
\151\031\171\034\037\176\022\005\277\305\051\044\121\116\324\325
\113\121\355\131\043\132\066\003\145\243\330\003\255\101\060\063
\106\030\035\020\257\145\265\325\261\344\026\133\170\165\035\227
\172\155\131\125\052\217\173\133\63\039\207\110\202\231\111\163\170
\310\075\275\121\065\164\052\325\261\166\151\033\052\273\073\325
\045\270\232\132\075\162\141\220\146\207\956\014\326\113\153\240\212
\164\013\152\376\013\003\337\243\125\127\211\137\61\123\132\256\133
\027\005\310\362\150\043\061\123\070\232\205\152\077\202\271\121\15
\101\012\367\136\010\116\141\56\030\021\176\007\254\051\140\221\077
\070\312\127\020\015\125\060\057\307\245\346\101\124\332\256\005
\207\322\240\145\154\114\010\101\212\272\207\323\271\330\223
\121\060\372\215\345\232\153\025\001\116\147\252\332\142\126\076
\204\010\146\322\304\026\157\247\076\020\374\210\340\324\200\345
\000\027\252\263\116\006\243\172\152\371\142\162\234\001\117\353
\233\016\001\043\361\237\273\174\334\334\154\021\227\045\262\362
\264\143\024\322\060\052\147\214\203\365\316\352\007\330\232\152
\036\354\344\012\273\052\114\353\011\140\071\136\121\142\330\056
\156
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 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 After: Sat Oct 25 08:32:46 2036
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\1374\015\300\126\165\226\330\142\023
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\103\060\011\006\003\125\004\006\023\002\103\110\061\25\060\023\006\003\125\004\012\023\014\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:0;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
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
\126\200\046\304\320\334\300\157\337\336\240\302\221\026\240\144
\021\13\104\274\036\366\347\372\143\333\316\162\245\166\244\161\1243
\354\066\224\150\172\167\244\261\134\70\160\57\201\172\34\23\265\162
\206\357\242\153\213\360\017\333\323\13\107\272\162\274\104\1044
\234\343\316\326\367\257\127\057\102\046\235\251\164\272\000\122
\362\113\151\23\174\107\036\205\161\162\251\101\122\260\064
\127\301\146\367\200\343\355\160\124\307\223\340\056\050\021\131
\207\272\273\002\030\010\000\011\124\321\013\25\60\201\232\200\023
\060\11\053\006\001\004\001\201\206\067\240\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\01\01\01\77\004\005\060\003\001\001
\377\60\035\006\003\125\035\016\040\026\004\024\102\062\266\026
\372\004\335\317\61\131\72\303\375\367\114\100\035\132\103\257
\60\060\064\006\003\125\035\037\004\055\060\053\060\051\240\047\240
\045\206\043\150\164\161\160\072\057\057\143\162\154\056\163\145
\143\165\161\162\145\164\162\165\163\164\056\143\157\155\057\123\124
\103\101\056\143\162\154\060\020\006\001\105\053\006\001\004\001\202
\067\205\001\004\003\002\001\000\006\001\150\006\110\206
\367\015\001\000\005\050\000\003\020\001\000\000\060\355\117\112
\341\11\030\221\122\162\133\265\246\243\145\030\246\273\121\073\167
\351\125\352\323\237\13\43\40\105\145\173\015\131\213\333\42\160\120
\262\224\005\024\256\111\307\215\101\007\022\163\224\176\014\043
\041\135\274\020\177\140\020\133\020\365\230\016\254\354\277\117
\335\172\157\135\323\034\346\377\100\005\151\110\225\001\156\131\030
\267\275\046\350\056\264\214\152\377\161\034\270\261\003\321\124
\174\041\124\053\344\130\242\273\127\051\256\236\251\124\031\1046
\017\231\056\010\260\037\373\151\131\127\13\013\011\215\334\247\237
\053\110\066\041\173\044\263\170\141\225\027\244\006\046\036\126
\144\122\006\117\140\147\331\234\305\005\164\013\347\147\043\0322
\010\037\42\103\256\213\177\341\060\064\067\176\375\306\062\332
\055\236\104\060\060\015\43\56\007\336\322\064\347\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\135\142\320\024\224\306\147\005\170\051
\143\032\157\030\032\263\370\036\114\243\232\226\016\07\246\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_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "SecureTrust CA"
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number: 0c:f0:8e:5c:08:16:a5:4d: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
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\035\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
# 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
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\060\101\030\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
CKA Class CK_OBJECT_CLASS CKO_CERTIFICATE

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1289
<table>
<thead>
<tr>
<th>Certificate Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CKA_NSS_MOZILLA_CA_POLICY</td>
<td>CK_BBOOL CK_TRUE</td>
</tr>
<tr>
<td>CKA_NSS_SERVER_DISTRUST_AFTER</td>
<td>CK_BBOOL CK_FALSE</td>
</tr>
<tr>
<td>CKA_NSS_EMAIL_DISTRUST_AFTER</td>
<td>CK_BBOOL CK_FALSE</td>
</tr>
</tbody>
</table>

# Trust for Certificate "Secure Global CA"

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


# 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


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\026\021\136\347\217\172\103\002\200\003\001\243\201\235\060
\201\232\060\023\006\011\105\203\006\001\004\012\206\072\240\022\004
\006\360\004\000\103\000\101\060\013\030\060\031\25\035\017\040\004
\003\002\200\126\060\017\006\060\031\25\035\023\001\137\70\040\005
\06\00\00\01\10\137\70\060\036\003\125\035\016\004\026\004\024
\257\104\003\202\117\116\020\333\116\071\002\354\354\020\172
\34\36\13\11\244\060\064\000\060\125\035\037\004\055\060\053\060
\05\11\240\047\240\045\060\064\072\057\057\143\162
\15\40\061\163\145\143\165\162\145\164\162\165\163\164\056\143\157
\15\50\057\12\10\1\10\056\143\162\154\060\020\00\00\01\10\053\006
\00\10\00\01\10\22\067\025\00\10\00\00\01\10\00\10\00\01\10\00
\14\30\32\101\10\1\10\01\157\244\13\6\12\01\167\330\172\25\037\015\013
\12\10\26\00\03\357\030\174\310\343\257\152\130\223\024\140\221\262
\20\43\34\210\116\276\071\112\072\363\346\022\11\135\001\067\0263
\253\044\244\025\16\22\065\132\112\04\136\116\127\372\165\316
\037\11\316\146\036\074\100\046\222\230\154\033\356\044\106\014
\027\63\12\24\353\324\252\221\137\067\323\157\347\047\010\072
\11\60\31\037\072\247\130\134\027\317\171\107\21\134\247\323\046
\043\25\040\167\130\151\374\107\176\26\232\025\13\22\27\70\051
\11\70\13\15\11\16\247\13\11\33\170\021\43\346\002\367\26\341\264
\10\32\65\13\055\024\23\37\133\046\045\152\27\24\107\164\006\330
\21\03\21\027\051\106\020\316\22\071\120\014\20\33\250\30\127\111
\274\151\125\121\147\025\112\276\05\073\344\325\165\230\067\171
\060\243\333\051\235\154\305\151\141\107\125\242\060\367\314\134
\17\70\30\33\230\034\153\16\02\200\353\172\170\145\105\242\000
\03\22\57\014\015\125\144\064\110\270\222\227\136\124\120\005\136
\11\70\043\037\332\154\25\037\104\341\335\043\170\121\133\30\026
END

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# 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: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

# 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

# CKA_ISSUER MULTILINE_OCTAL

# CKA_SERIAL_NUMBER MULTILINE_OCTAL

# 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
Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
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\061\334\367\102\162\236\155\034\314\161\065\200\165
END
CKA_ISSUER MULTILINE_OCTAL
\060\031\201\061\013\060\001\110\060\003\125\004\006\023\002\107\102
\061\033\060\031\060\003\125\004\010\023\022\010\162\145\141\164
\145\162\040\115\141\164\151\015\161\164\151\012\162\061\102\006
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\010\023\022\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\010\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\024\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
# 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
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\133\060\011\100\060\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\133\060\011\100\060\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\366\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\366\107\026\027\343\220\061\150\340\060
\015\006\011\052\020\011\060\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
# Trust for Certificate "Network Solutions Certificate Authority"

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


### 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\261\115\016\021\056\122\041\037\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\143\141\164\145\040\101\165\164\150\157\162\151\164\171
END

### CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\100\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\143\141\164\145\040\101\165\164\150\157\162\151\164\171
END

### CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\133\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 Manchester,C=GB
## 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
## Trust for Certificate "COMODO ECC Certification Authority"

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


**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


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\130\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\102\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\105\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)
# Subject: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
# Not Valid Before: Sun Dec 11 16:03:44 2005
# Not Valid After : Fri Dec 11 16:09:51 2037
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
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
060201210610130600011000600312500400060230021031110
0610200600160060031250040120230071271111123145113
145171061033060031006000312500401323022103157160
17111621511471501640405014305140062060606065061
042060040006003125004013023031117111123124105040
10616151651561441411615157156040105156144157162
16314514406105060060460060312500403023037117111
123124105040127111123145113145171040107154157142
141154040122157157164040107101040103101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002020101075162307364153307201103175361322050124
3371232

END

CKA_VALUE MULTILINE_OCTAL
060201210610130600011000600312500400060230021031110
0610200600160060031250040120230071271111123145113
145171061033060031006000312500401323022103157160
17111621511471501640405014305140062060606065061
042060040006003125004013023031117111123124105040
10616151651561441411615157156040105156144157162
16314514406105060060460060312500403023037117111
123124105040127111123145113145171040107154157142
141154040122157157164040107101040103101

END
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 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
# 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
# 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\131\042\060\031\006\003\006\003\071\106\106\260\104\033\017\251\END
# CKA_CERT_MD5_HASH MULTILINE_OCTAL\274\154\121\063\247\351\132\146\143\124\025\162\033\041\222\223\131\042\060\031\006\003\006\003\071\106\106\260\104\033\017\251\END
# CKA_ISSUER MULTILINE_OCTAL\060\020\121\061\013\060\011\006\003\125\004\006\23\023\021\013\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\104\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\141\154\040\122\157\157\164\040\107\101\104\010\31\010\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:ec9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
END

# Trust for Certificate "Certigna"
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Not Valid Before: Fri Jun 29 15:13:05 2007

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Not Valid After : Tue Jun 29 15:13:05 2027
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\133\010\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\060\003\125\004\012\140\11\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\03\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\037\036\034\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
# 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
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\001\100\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

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END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\002\020\025\310\275\145\107\134\257\270\000\136\344\006\322\274\1235060
\015\006\011\052\206\110\206\367\015\001\001\050\005\000\000\060\136
\006\113\060\001\110\066\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\050\060\015\020\060\050\006\003\125\004\013\014\041\14\120\113
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\151\156\040\101\165\164\150\157\162\151\164\171\170\060\036
\027\015\060\064\061\062\062\062\060\060\060\060\063\061\062\067\132\027
\015\063\064\061\062\062\060\060\060\062\063\061\062\067\132\060\136
\006\113\060\001\110\066\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\050\060\015\020\060\050\006\003\125\004\013\014\041\14\120\113
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\151\156\040\101\165\164\150\157\162\151\164\171\170\060\020
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\000\005
\000\003\202\002\017\000\060\020\002\021\020\020\020\000\000\341
\045\017\356\215\333\210\063\165\147\315\255\037\175\072\161\155
\235\323\057\204\363\143\164\313\010\115\232\352\204\120\000\07
\113\046\133\011\110\131\154\041\236\152\310\253\255\036\140\151\127
\314\036\042\344\037\347\267\152\020\061\267\054\023\262\340\376
\000\152\010\323\207\145\206\265\032\030\124\114\155\042\160\004
\121\026\036\227\164\211\011\102\020\046\034\236\253\123\110\122\242\225
\074\032\335\111\147\277\012\024\144\343\326\102\267\105\357\227\364
\363\653\327\265\112\025\002\130\175\230\131\115\140\274\315\327
\015\232\023\063\123\321\14\371\172\325\257\170\263\232\206\363\367
\000\020\316\035\115\122\074\020\257\250\035\4\170\121\160\122\134\020
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 Certificate "ePKI Root Certification Authority"
# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd." ,C=TW
# Serial Number:15:e8:bd:65:47:5c:af8:97:00:5e: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
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\176\133\133\203\103\150\157\162\151\174\117\156\157\156\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_CERT_MD5_HASH MULTILINE_OCTAL
\033\056\000\312\046\006\220\075\053\234\037\052\012\011\115\352
\201\370\021\234
END
CKA_ISSUER MULTILINE_OCTAL
\060\136\066\001\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\131\060\370\024\161\120
\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\124\154\030\107\355\263
\032\235\142\256\215\020\352\224\236\535\131\020\033\255\353\342
\115\343\066\132\307\035\343\062\260\376\222\036\026\120\323\374
\331\363\370\047\266\111\127\035\264\154\144\220\177\364\344\304
\134\127\067\256\102\016\335\244\032\157\174\210\124\305\026\156
\141\172\150\056\037\072\277\015\244\074\211\073\170\247\116\143
\203\004\041\101\147\215\362\020\111\320\133\375\261\135\017\203
\204\324\076\040\205\367\112\075\053\234\037\052\012\011\115\352
\201\370\021\234
END

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1310
# 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

# CKA_SERIAL_NUMBER
\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

# 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\504\006\023\002\122\117\061
\021\060\017\006\003\125\504\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\504\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\504\006\023\002\122\117\061
\021\060\017\006\003\125\504\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\504\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\020\003\070\060\020\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\005\006\073\061\013\060\011\006\003\125\504\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
# Trust for 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
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_TRUE

# Certificate "NetLock Arany (Class Gold) Ftanstvny"
# 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

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) Ftanstvny"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\201\247\061\013\060\001\11\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\141\141\161\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\030\127\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
\172\163\303\255\164\166\303\241\156\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\247\061\013\060\001\11\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\141\141\161\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\030\127\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
\172\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\022\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\060\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\010\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\030\127\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

END

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

END

CKA_VALUE MULTILINE_OCTAL
\060\202\004\025\060\022\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\060\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\010\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\030\127\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

END
# Trust for Certificate "NetLock Arany (Class Gold) Ftanstvny"
# 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

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) Ftanstvny"

CKA_ISSUER MULTILINE_OCTAL
\060\020\247\066\013\060\001\010\060\003\125\004\006\023\002\110\125
\061\021\060\001\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\116\145
\164\141\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\141\157\143\153\040\101\162\141\156\171\040\050\103\154\141
\163\136\040\017\157\154\144\051\040\106\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171

END
# 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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\003\350
END
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\017\006\010\013\036\000\001\000\006\003\125\000\04\006\023\002\110\113\061
\026\060\024\006\003\125\000\04\012\023\015\110\113\157\156\147\153\157
\156\147\040\120\157\163\164\061\104\006\036\006\003\125\000\04\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\000\350
END

CKA_VALUE MULTILINE_OCTAL
\060\020\003\060\060\020\002\030\024\003\002\001\002\002\002\003
\350\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\060\017\006\010\013\036\000\001\000\006\003\125\000\04\006\023\002\110\113\061
\026\060\024\006\003\125\000\04\012\023\015\110\113\157\156\147\153\157
\156\147\040\120\157\163\164\061\104\006\036\006\003\125\000\04\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_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 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
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"

END

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\060\011\013\060\001\100\000\03\125\004\006\023\002\110\113\061
\026\060\024\000\003\125\004\010\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\000\03\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

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\143\145\163\054\040\111\156\143\130\061\130\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\143\145\163\054\040\111\156\143\130\061\130\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\240\003\023\023\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\0060
\130\061\013\060\011\110\006\003\125\004\006\023\002\112\120\061\1053
\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\161\143\143\145\163\054\040\111\156\143\130\061\130\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\1060
\060\040\070\060\064\065\066\064\067\132\027\015\062\071\1060\1064
\060\070\060\064\065\066\064\067\132\060\130\061\103\060\110\106
\003\125\004\006\023\002\112\120\061\053\060\051\006\003\125\004
\101\202\042\112\141\160\141\156\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\123\145\163\054
\040\111\156\143\056\061\034\060\032\006\125\004\003\023\023
\123\143\143\165\162\145\123\151\147\156
\101\061\016\1060\202\001\042\060\150\060\110\052\206\110\026\367
\015\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\020\001\001\000\375\167\252\245\034\220\005\073\133\114\233\063
\213\122\024\105\244\347\220\026\321\333\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\337\223\242\174\244\346\324\200\060\230\363\015\266
\223\317\251\324\330\066\363\260\374\212\312\054\241\025\063\225
\061\133\300\033\362\356\142\231\120\143\077\277\335\223\052\203
\250\166\267\120\037\372\267\316\111\161\022\020\52\170\042\347\056\032\362
\225\011\126\005\265\104\116\167\241\040\275\251\362\116\012\175
\120\255\365\005\015\105\117\106\161\137\55\050\76\123\373\004\330
\105\327\145\035\112\033\372\317\360\260\141\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\173\325\326\350\247\062\263\346\230\100\206\305
\315\047\022\213\314\173\316\267\021\074\314\214\000\07\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\000\001\243\102\060\100\060\035\006
\003\125\035\016\004\026\000\04\241\333\370\115\117\262\245\063\324
\072\322\361\143\232\224\020\276\011\136\66\127\267\336\060\016\006\003
\125\035\017\001\000\137\70\004\004\003\000\020\001\060\060\170\066\003
\125\035\023\001\001\137\70\004\005\060\060\033\010\113\77\060\150\006
\011\052\206\110\206\367\015\000\100\005\050\000\003\32\200\01\001
\000\240\241\070\026\146\056\247\126\037\041\234\006\372\035\355
\271\142\305\070\046\330\116\117\354\243\177\171\363\106\041\241
\207\167\217\007\010\232\262\244\030\257\017\062\230\013\174\146
\051\266\233\175\045\122\111\103\253\114\056\033\156\172\160\257
\026\016\343\300\021\54\373\102\346\030\235\105\330\125\310\350\073
\335\347\341\164\056\013\034\064\134\154\130\112\373\214\012\120
\137\225\034\277\355\253\042\265\145\263\025\272\236\017\270\255
\345\172\033\212\200\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\040\252
\101\126\124\157\334\045\315\355\170\342\216\014\215\011\111\335
\143\173\132\151\226\002\041\250\275\121\313\351\175\065\313\310
\122\121\177\013\67\331\153\323\036\021\135\045\337\370\347\371
\244\372\162\227\204\123\015\245\320\062\030\121\166\131\024\154
\173\353\354\137\200\214\165\013\203\030\250\337\114\236\055
\015\344\167\203\116\265\226\007\213\050\023\233\214\031\215
\101\047\111\100\356\336\146\043\104\071\133\344\214\042\326\272\003\362
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 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
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\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\201\202\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:00:2c: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 31 11:30:18 2029
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\021\165\144\141\160

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1322
END

# Trust for 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
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"

END

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

END
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\210\060\003\125\004\012\023\012\0107
\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\0107
\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\000\001\014\130\123\010\242\060\015\006\011\052\206
\11\02\06\367\150\010\010\13\005\000\000\000\114\016\040\006\036\006
\003\125\004\013\023\027\107\154\157\142\141\154\123\151\11\147\156
\040\122\157\157\164\040\103\101\040\055\040\122\063\061\023\060
\021\010\060\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\060\060\060\060\060\060\132\027\015\062\071\060\063\061\070
\061\060\060\060\060\060\132\060\114\060\114\040\006\036\006\033\0125
\004\013\023\027\107\154\157\142\141\154\123\151\11\147\156\040\122
\157\157\164\040\013\010\040\055\040\122\063\061\023\060\021\006
\061\060\060\060\060\060\132\060\114\060\114\040\006\036\006\033\0125
\004\013\023\027\107\154\157\142\141\154\123\151\11\147\156\040\122
\157\157\164\040\013\010\040\055\040\122\063\061\023\060\021\006
\061\060\060\021\006\003\125\004\003\023\012\107\154\157\142\141
\154\123\151\147\156\060\202\001\014\020\060\015\006\011\052\206\110
\206\367\015\001\000\005\000\003\020\001\017\000\006\020\200\001
\012\000\202\001\001\000\031\045\166\220\171\006\170\042\206\365
\300\020\266\014\032\050\236\375\005\166\021\030\255\210\162\374
\106\002\013\037\026\212\235\004\137\044\313\056\113\341\140\020
\106\341\122\253\014\021\107\160\154\335\144\321\135\365\054\243
\017\202\075\014\053\256\227\327\266\024\206\020\171\273\073\023
\200\016\214\010\341\111\322\152\142\057\037\136\372\226\150\037
\21\1047\225\070\237\006\327\076\113\130\046\131\015\163\336\260
\31\035\104\016\012\023\025\036\035\133\213\322\004\140\032\11\0246

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1326
\50\366\151\073\366\313\313\310\050\221\1345\235\32\12\141\127\067\254
\164\024\3341\64\340\072\235\61\62\057\056\234\373\32\273\277\365
\075\000\341\006\063\350\20\02\03\52\56\13\24\62\072\26\163\32\43\335
\101\16\04\072\30\26\42\42\34\15\16\21\20\056\62\140\351
\127\31\21\04\22\150\150\345\07\04\61\140\165\262\23\167\377
\22\12\24\357\25\04\11\13\37\25\10\02\25\10\32\12\02\06\11\14\031
\136\270\22\37\25\167\267\144\23\172\277\137\30\02\35\73
\142\373\01\154\340\12\41\151\02\26\250\100\33\32\156\351\20\22\161
\166\30\15\12\20\22\02\27\00\01\00\00\01\24\13\12\06\01\00\060
\016\00\00\03\12\05\03\01\00\01\13\77\00\12\10\00\11\1006\060
\017\00\00\03\12\05\03\02\00\01\00\01\00\01\13\77\11\177\250
\056\10\04\25\06\11\12\37\143\23\02\13\33\13\23\03\03\13\724\060
\015\00\06\01\10\2\20\10\02\06\36\17\01\00\01\01\00\05\00\00\32\02
\00\10\00\10\01\13\30\00\00\10\25\37\6\31\01\14\35\7\36\7\226\124
\105\11\12\27\32\00\00\01\11\10\25\4\26\3\02\23\06\05\00\07\06\312
\153\33\16\4\27\12\7\00\00\05\25\6\24\1\23\36\05\16\10\172\12
\27\16\14\17\12\02\03\07\14\17\34\0\30\15\14\5\17\00\03\51
\12\10\16\1\36\0\16\4\4\27\12\7\14\14\33\12\15\10\14\7\126\06\720
\27\03\10\05\04\13\30\11\15\0\36\16\3\32\30\12\23\25\31\14\220\12
\35\15\30\13\10\5\02\24\22\35\33\17\21\30\05\03\02\57\03\53\36\31\500
\067\10\12\7\35\5\01\04\15\32\7\12\30\05\22\7\16\3\14\00\03\6025
\32\7\12\22\6\24\32\33\5\14\04\72\24\1\13\0\16\3\15\31\634\027
\12\31\02\30\01\2\17\20\13\4\3\05\55\0\22\5\0\12\30\04\54\34\07\42\52\312
\01\10\17\22\1\1\76\06\33\35\0\12\1\1\25\6\34\0\56\5\17\4\10\213
\30\3\0\12\1\0\23\0\3\2\35\0\3\6\0\22\0\20\25\31\34\07\54
\06\30\17\0\20\3\0\45\32\20\0\0\31\6\0\73\0\54\20\6\170\31\11\14\057
\02\42\7\35\6\33\12\5\15\0\37\20\0\45\0\0\0\30\2\0\31\06\13\126\2\65\312\107
\13\0\7\137
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 Certificate "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
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
# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:53:ee:b3:ee: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
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\103\060\011\006\003\125\004\006\023\002\105\123\061\102\060\010\006\000\003\125\004\003\140\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\010\066\062\066\063\064\060\066\060\0END
CKA_ID UTF8 "0"
# Certificate "Izenpe.com"

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

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

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

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

CKA_VALUE MULTILINE_OCTAL
\060\020\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

END
\$15145\14415\164145\162162\141\156145\157040\105\164157 \\
\162142151144145\14104061\064904005504060061060061 \\
\060040\12615116415716215114055107141163164145151 \\
\1720601017006031\2150350230010011377040805060003001 \\
\00113770601606003112503501700100113770408040003002 \\
\0011006003500600312503501600402601042035034145 \\
\0162503620451732642211137344261261346275125164154 \\
\0050600115006011105220611102063670271370130005000 \\
\003202002001000117024601402621122377114210072300013 \\
\01624502611752372711110137030217011420663866315031 \\
\1532542533253662211752561613630772630161070205233 \\
\22524404701107021112174010072365105741263014216 \\
\121170254252023313063751752700322201141253222003 \\
\3073551020011360173302611732242222431140155256172 \\
\1530112523060511356150111114706020000441720610126071 \\
\133117636103405633515401125536206130112021116271273 \\
\37112762777052205077300100243072131374131113074050 \\
\0444333264051652560151210272506163300275130207345 \\
\102362353136356036060042231313067321304041154201 \\
\3542761550463460343441020402361076202542503131160 \\
\0540653262257066064264315073700622503573431702111 \\
\37321510505433223427017611003041411347076242222054 \\
\1133623151372320366051377363621732510370566240223 \\
\127053336205003371115067313261701520052643305061 \\
\170211354172247205341271173074336276036171204316 \\
\2371600161131020650561220105206131344105172101244 \\
\056020232330640116146173111253144227320106303171235 \\
\162120143246230133006275110155330071203160350065 \\
\3600053121252274343333\100023521743755202332302133 \\
\12206522562300722552720652230043247037110335065106 \\
\230202015034424506130201231005603120120311120 \\
\165374352132026316021327356357120210055141377077 \\
\1021630052241033252160741160010720312450371066116 \\
\1673201353540201402041207376224157204330223255326 \\
\1501030102623333531630443472211171242442660200076 \\
\23524307411416263021273042403243140700473163235006 \\
\2362421103313512373161201606622323073337226041 \\
\34311312670143222106736035713113263231310151154 \\
\1030460010651431401252111003072165330272112331124 \\
\3773563362003305321070325136055013230175076154 \\
\333374046210307 
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFT CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFT CK_BBOOL CK_FALSE

# Trust for Certificate "Izenpe.com"
# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES
# Serial Number: 00:b0:b7:5a:16:48:5f:bf:15:8d:7:19: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
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"

# Certificate "Chambers of Commerce Root - 2008"
# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A827433287,L=Madrid
# (see current address at 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=A827433287,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
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_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\013\060\010\011\006\003\012\05\000\000\023\002\105\125
\061\013\060\010\010\006\003\012\05\000\000\023\002\011\15\144\144\162\151
\144\000\050\016\014\054\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\030\041\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\131\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\012\05\004\000\023\011
\101\070\062\067\064\063\062\070\067\067\011\033\030\031\006\003\012
\004\012\023\020\101\103\040\103\141\155\145\162\146\151\162\155
\141\104\012\030\056\101\056\061\051\060\047\006\003\012\05\004\000\023\023
\040\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\040\055\040\062\060\060
\070
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\013\060\010\011\006\003\012\05\000\000\023\002\105\125
\144\040\050\016\014\054\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\030\041\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\131\157\155\057\141\144\144
\162\145\163\163\051\061\010\062\067\067\064\063\062\070\067\067\011\033\030\031\006\003\012
\101\020\067\067\064\063\062\070\067\067\011\033\030\031\006\003\012
\004\012\023\020\101\103\040\103\141\155\145\162\146\151\162\155
\141\104\012\030\056\101\056\061\051\060\047\006\003\012\05\004\000\023\023
\040\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\040\055\040\062\060\060
\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\243\332\102\176\244\261\256\332
END
CKA_VALUE MULTILINE_OCTAL
\060\013\060\010\011\006\003\012\05\000\000\023\002\105\125
\144\040\050\016\014\054\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\030\041\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\131\157\155\057\141\144\144
\162\145\163\163\051\061\010\062\067\067\064\063\062\070\067\067\011\033\030\031\006\003\012
\101\020\067\067\064\063\062\070\067\067\011\033\030\031\006\003\012
\004\012\023\020\101\103\040\103\141\155\145\162\146\151\162\155
\141\104\012\030\056\101\056\061\051\060\047\006\003\012\05\004\000\023\023
\040\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\040\055\040\062\060\060
\070
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 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),C=EU
# Serial Number:00:a3:da:42:7e:a4:d1: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
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
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_ISSUER_MULTILINE_OCTAL
# 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
# 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

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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0  1342
\206\367\015\001\001\005\005\000\003\202\000\001\000\000\200\210\177
\160\036\222\050\033\1\005\224\106\377\220\127\251\361\057\337\032
\015\053\372\174\016\034\111\044\171\047\330\106\252\157\051\113
\122\120\160\223\352\335\075\365\233\123\124\157\341\140\242\250
\011\127\354\353\13\174\306\065\361\334\030\351\136\147\345\257
\272\103\340\011\133\363\121\040\101\320\202\161\167\221\105\172\063
\137\137\226\054\150\213\301\107\217\230\233\075\300\354\133\365
\325\202\222\204\065\321\276\066\070\126\162\061\133\107\059\252
\027\244\143\121\350\120\012\025\171\177\354\165\256\333\124\037\361
\177\202\261\271\344\144\177\147\326\043\052\364\270\071\1\352\230
\350\041\124\374\341\275\075\102\032\164\232\160\257\150\154\120\135
\111\137\377\373\031\16\135\346\054\107\322\201\072\131\000\265\163
\153\143\040\366\061\105\010\071\161\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\036\043\127\222\223\136\065\031\121\237\101\123\67\054\235
\142\034\366\255\174\335\246\061\036\266\261\307\176\205\046\372
\224\152\265\332\143\060\321\357\223\067\262\146\057\175\005\367
\347\276\113\230\224\065\300\331\072\255\51\031\235\262\120\063\035
\112\251\132\246\301\100\335\357\355\364\347\250\156\212\264\127\204
\353\344\077\320\356\252\252\207\131\43\350\223\342\15\250\324
\270\162\170\013\033\055\071\344\135\312\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\130\110\362\025\251\314\346\310\104\353\077\170
\231\362\173\161\076\074\346\130\247\370\030\032\220\77\346\263\050
\063\102\355\110\012\174\155\62\206\171\057\305\020\031\175\011
\211\174\262\124\166\210\256\336\301\363\314\341\156\330\061\326
\223\325\231\240\357\045\152\163\230\211\113\072\205\062\23\210\036
\277\300\222\222\064\033\343\047\267\213\036\157\102\377\347\351
\067\233\120\355\055\242\371\002\356\131\130\130\072\161\127\150
\334\325\301\257\034\050\037\242\334\034\314\157\201\352\256\231
\323\330\060\172\032\151\117\025\311\204\274\247\110\055\370\006
\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\012\237\301
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 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:0c9:cd:3:d: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),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0

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"

END

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\010\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\042\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\031\131\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
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
# Trust for 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

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\202\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\012\036\000\010\003\125\004\007\023\012\123\143\157
\164\164\163\144\144\154\153\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
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\001\011\006\000\03\125\004\000\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\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\156\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\1040\055\040
\1070\062
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\001\011\006\000\03\125\004\000\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\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\156\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\1040\055\040
\1070\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END

CKA_VALUE MULTILINE_OCTAL
\060\202\200\03\335\060\220\200\02\305\240\000\03\002\001\002\000\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\13\003\005\000\060
\201\217\061\013\060\001\011\006\000\03\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\164\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\156\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\1040\055\040
\1070\062
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 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
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_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# 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


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"

CAK_CLASS_TYPE CK_CERIFICATE_TYPE CKC_X_509
CAK_SUBJECT Multiline_Octal
\060\020\230\061\013\060\001\11\006\003\125\004\006\023\002\125\123
\061\020\060\001\16\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\106\102\230\002\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\105\060\043\006\003\125\004\1012
\023\034\123\164\141\162\146\151\145\154\144\140\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\140\123\161\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

CAK_ID UTF8 "0"

CAK_ISSUER Multiline_Octal
\060\020\230\061\013\060\001\11\006\003\125\004\006\023\002\125\123
\061\020\060\001\16\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\106\102\230\002\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\105\060\043\006\003\125\004\1012
\023\034\123\164\141\162\146\151\145\154\144\140\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\140\123\161\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
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0

END
# Trust for 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

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\072

END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\133\060\001\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\115\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\145\144\040\124\145\143\150
\156\157\154\157\147\115\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\013\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\152\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
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
\061\014\061\020\060\003\125\004\006\023\000\125\123\061
\024\060\022\006\003\125\004\012\014\131\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\014\061\020\060\003\125\004\006\023\000\125\123\061
\024\060\022\006\003\125\004\012\014\131\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

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# Trust for 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

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

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\202\222\272\133\357\315\212\157\246\075\125\371\204\366\326\267

CKA_ISSUER MULTILINE_OCTAL
\060\014\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\011\146\146\151\162\155
\124\162\165\163\164\061\037\060\350\060\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\033\157\155\155
\145\162\143\151\141\154

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\167\167\006\047\046\125\126\174

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
# 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

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
CKA_TOKEN CK_BBOOL CK_FALSE
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_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\014\060\013\060\001\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\103\324\231\155
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\114\060\202\064\240\003\002\001\002\002\010\174
\117\004\071\034\324\231\155\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\006\010\04\010\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\013\037\060\035\006
\003\125\004\003\14\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_SUBJECT MULTILINE_OCTAL
\060\104\060\013\060\001\100\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

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\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151
\162\155\124\162\165\163\164\160\161\145\161\167\157\162\153\151
\156\147\060\202\000\014\020\069\150\066\011\052\206\110\206\367\015
\001\001\001\005\000\000\032\200\001\017\000\060\202\000\012\002\202
\001\001\000\002\264\020\034\131\063\207\056\153\224\154\153\141\122\240
\353\234\317\112\224\143\345\222\000\231\132\255\144\104\145\217
\147\144\342\006\343\134\046\111\136\057\233\204\204\036\055\362
\140\235\060\116\134\204\205\342\054\317\036\236\376\066\253\063
\167\065\104\033\305\022\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\010\140\363\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\010\056\155\141\313\276\044\146\125\044\113
\100\104\261\033\327\341\302\020\053\009\336\020\077\075\355\270\374
\361\361\043\123\334\277\145\227\157\331\137\100\016\121\151\157\275
\125\324\131\162\276\240\136\047\043\336\375\246\320\046\016\000\051
\353\307\106\360\075\140\277\077\120\322\334\046\101\121\236\024
\067\102\002\243\136\102\127\250\033\202\075\355\077\273\356\214\012
\343\325\114\262\110\031\133\101\137\135\040\66\141\137\342\167\106
\310\175\366\364\222\201\066\75\333\064\361\162\176\363\014\026
\275\026\025\002\000\010\000\001\243\102\060\100\060\035\006\003
\125\035\016\004\026\000\042\024\007\037\322\347\274\234\323\302\156\242
\100\026\260\172\120\020\121\164\304\310\275\060\017\006\003\125
\035\023\001\001\377\004\000\056\060\030\001\011\377\060\160\066\003
\125\035\017\001\001\377\004\000\040\003\002\001\006\060\150\066\111
\052\206\110\206\367\015\001\001\015\006\000\032\202\000\010\1000
\211\177\262\262\026\172\250\032\375\326\331\123\233\233\064\302\234\265
\060\204\115\152\247\224\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\030\135\155\334\313\265\047\324\054\126\321
\121\023\072\104\322\163\013\030\043\303\051\145\132\142\222\234\356
\101\125\006\163\334\347\064\352\131\044\132\050\172\237\144\270\144
\071\135\131\135\125\275\155\113\003\110\247\240\231\001\200\033\145
\243\066\256\145\131\110\117\202\113\310\145\363\112\203\035\151
\056\012\077\154\330\312\365\345\011\264\154\124\000\012\340\025
\115\207\165\155\267\130\226\132\035\155\322\000\020\346\233\110
\276\036\003\244\272\066\340\174\207\205\227\032\205\242\336\056
\242\133\275\257\030\371\122\020\031\156\101\137\047\147\107\313
\307\240\000\070\217\53\120\054\135\154\031\017\146\265\175\375\221
\157\202\261\026\176\103\223\333\024\104\176\124\067\307\015\236\074
\307\167\257\144\250\223\337\366\151\203\202\140\362\111\110\026
\355\132\000\124\120\104\034\206\066\222\141\134\372\246\125\52\77\333
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 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
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_FALSE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"

# 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
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_FALSE
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\011\061\013\060\001\11\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\011\061\013\060\001\11\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\020\003\056\240\003\002\001\002\002\010\155
\214\024\060\126\162\156\134\010\206\063\67\015\001\001\001\005\000\003
\020\002\017\000\006\020\002\012\002\202\000\001\000\304\022\337
\251\137\376\101\335\335\365\237\212\343\366\254\341\074\170\023
\274\330\360\177\172\240\063\052\334\215\040\133\256\055\157\347
\223\331\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\176\022
\115\337\205\014\123\030\232\036\044\242\117\217\360\024\205\013
\313\364\051\177\322\244\130\356\046\151\112\252\250\173\232\331
\372\070\336\104\127\025\345\370\024\310\331\110\032\015\026\047
\035\036\130\203\205\045\267\272\252\125\101\314\003\042\113\055
\221\125\123\134\021\125\146\307\351\377\053\335\107\254\332\322
\263\033\341\150\234\211\370\172\000\126\336\364\125\225\154\373
\272\144\335\142\123\337\013\167\062\353\142\313\046\023\233\273
\252\142\203\114\264\006\172\060\030\051\277\355\006\115\227\271

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Open Source Used In Crosswork Zero Touch Provisioning 4.0.0

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 Certificate "AffirmTrust Premium"
# Issuer: CN=Af

END

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\010\016\130\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\121\014\013\101\146\146\151\162\155
\124\162\165\163\164\060\103\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\016\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
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\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\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\137\060\202\001\120\52\40\003\002\001\100\202\002\010\164\227\045\212\307\077\172\124\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\040\120\162\145\155\151\165\155\040\105\103\103
END
Open Source Used In Crosswalk Zero Touch Provisioning 4.0.0 1363
\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\215\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\006\035\006
\003\125\035\016\004\026\000\042\242\232\257\051\172\300\021\016\065
\046\121\060\000\030\152\237\101\000\235\256\326\074\060\017\006\003
\125\035\023\001\001\137\77\004\005\060\003\001\001\137\77\060\016\006
\003\125\035\017\001\001\137\77\004\004\003\002\001\006\060\012\006
\010\052\206\110\316\075\004\003\030\013\147\000\060\144\002\060
\027\011\336\207\210\120\132\257\310\030\102\227\107\137\365\154
\152\206\340\164\147\164\344\070\123\227\005\177\033\036\4\343\306
\057\263\312\011\074\067\235\327\334\270\106\361\137\241\342\161
\002\060\102\131\207\103\324\121\137\272\232\011\016\132\316\210
\176\127\075\234\137\102\153\365\007\055\265\360\020\223\137\131
\157\256\144\372\130\345\213\036\343\143\276\265\201\135\157\002
\214\171
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 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
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
\142\260\011\125\317\261\132\235\131\342\276\023\235\246\135\352\115
END
CKA_ISSUER MULTILINE_OCTAL
# 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 After : Mon Dec 31 12:07:37 2029

CKA_CLASS CK_OBJECT_CLASS CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
CKA_ID UTF8 "0"
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

END
\035\023\001\001\377\004\005\060\003\001\001\377\060\003\350\006\003
\125\035\016\004\026\004\024\010\166\135\13\007\377\044\366\035
\135\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\032
\206\110\206\367\071\015\001\001\005\005\000\003\202\001\010\000\246
\250\255\042\316\001\075\246\243\377\142\320\110\235\213\136\162
\260\170\104\343\333\043\032\257\011\375\043\110\372\275\052\304\271
\125\004\265\020\243\215\047\336\013\012\243\320\356\363\014\067
\171\110\133\042\262\260\232\101\134\246\160\340\324\320\167\313
\043\323\000\340\154\126\057\341\151\015\013\33\125\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\321\300\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\135\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_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Certum Trusted Network CA"
# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
# Serial Number: 279744 (0x444c0)
# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies

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\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\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 After : Tue Dec 31 15:59:59 2030
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
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\103\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\176\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
\171
CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
# Trust for 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 After: Tue Dec 31 15:59:59 2030

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\060\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\312\500\004\006\023\002\124\127\061
\022\060\020\006\003\312\500\041\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\312\500\041\030\140\077\122\157
\157\164\040\103\101\061\052\060\050\006\003\312\500\040\030\140\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146

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
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377
\171
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
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\151\157\164\040\103\101\061
\040\060\036\006\011\005\206\110\206\367\015\001\011\000\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\151\157\164\040\103\101\061
\040\060\036\006\011\005\206\110\206\367\015\001\011\000\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
# 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

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
30111673131133402640461261365307317105231042271260
3162722041057
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
01224432531427222643732431313433460011335112313311116
END

CKA_ISSUER MULTILINE_OCTAL
06013706010130600111006000312500400602300211161114061
02206002000600312500401202301110415111471511161157
164111611615716415111411620401221571157164040103101061
10400600360060111052206110206367015001011001026021
15115614615711001441511471151156115716414111620561156
154
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
00220200117377377377377377377377377377377377377377377377377
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 "Explicitly Distrusted DigiNotar PKIoverheid G2"
#
# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL
# Serial Number: 268435455 (0xffffffff)
# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL
# Not Valid Before: Wed May 12 08:51:39 2010
# Not Valid After: Mon Mar 23 09:50:05 2020

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
END

# Trust for Certificate "Explicitly Distrusted DigiNotar PKIoverheid G2"
# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL
# Serial Number: 268435455 (0xffffff)
# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL
# Not Valid Before: Wed May 12 08:51:39 2010
# Not Valid After : Mon Mar 23 09:50:05 2020
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE 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

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\116\114\061
\027\060\025\006\003\125\004\012\014\016\014\151\151\161\157
\164\141\162\040\102\056\126\056\061\062\060\060\060\060\060\063\125\004
\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111
\157\166\145\162\150\145\151\144\040\103\010\040\117\162\147\141
\156\151\163\141\164\151\145\040\055\040\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\017\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

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 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
# 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\131\262\077\326\101\261\022\120\036\136
# CKA_CERT_MD5_HASH MULTILINE_OCTAL
\154\071\175\244\016\125\131\262\077\326\101\261\022\120\036\136
END
# CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\001\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\013\010\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
# 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 23:59:59 2031

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\135\061\013\060\001\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\013\010\062

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CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\020\363\061\103\010\060\003\125\004\006\023\002\105\123
\061\017\060\003\125\004\012\023\062\101\147\145\156\1143
\151\141\040\103\144\116\141\144\115\156\140\144\145\040\0103
\145\162\164\151\146\151\143\143\143\151\157\040\050\116\111\106
\040\121\055\060\007\060\006\061\067\066\055\11\105\010\050\060
\046\060\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\050\063\000\125\004\013
\023\054\126\145\147\145\165\040\150\164\160\163\072\057\057
\167\167\167\056\143\143\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\166\162\145\154\000\050\143\051\060\063\060\065
\060\063\000\063\125\004\013\023\037\123\145\162\141\162\161\165
\151\141\040\105\156\164\151\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\013\141\164\141
\154\141\156\145\163\061\017\060\015\000\03\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\020\051\126\060\020\020\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\026\061\110\063\076\171\000\001\005\050\000\060\0201
\363\061\010\060\001\110\060\003\125\004\006\023\002\105\123\061\073
\060\071\000\060\003\125\004\012\023\062\101\147\145\156\143\151\141
\040\103\141\111\164\141\145\162\010\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\040\050\116\111\110\060\040\121
\055\060\070\060\061\061\106\066\055\11\105\101\050\060\064\066
\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\141\162\164\151\146\151
\143\141\143\151\157\061\065\060\063\000\125\004\013\023\054
\126\141\145\162\010\146\164\160\163\072\057\057\167\167
\167\056\143\141\146\143\145\162\164\056\156\145\164\057\166\145
\162\141\162\162\145\154\000\050\143\051\060\063\061\065\060\063
\006\060\012\125\004\013\023\054\112\145\162\161\166\151\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\107\060\015\000\03\125\004\003\023\006\105\103
\055\101\103\103\060\036\027\015\060\063\060\061\060\067\062\063
\060\060\060\060\132\027\015\063\061\060\061\060\067\062\065
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
\154\151\146\151\143\141\143\151\157\040\103\141\164\141\154\141
\156\145\163\061\107\060\015\000\03\125\004\003\023\006\105\103
\055\101\103\103\060\036\027\015\060\063\060\061\060\067\062\063
\060\060\060\060\132\027\015\063\061\060\061\060\067\062\065
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 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
# 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
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\037\234\167\114\013\155\247\326\272
\246\112\362\235
# Certificate "Hellenic Academic and Research Institutions RootCA 2011"
#
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR
# Not Valid Before: Tue Dec 06 13:49:52 2011
# Not Valid After : Mon Dec 01 13:49:52 2031

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 RootCA 2011"
# Trust for Certificate "Hellenic Academic and Research Institutions RootCA 2011"
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR
# Not Valid Before: Tue Dec 06 13:49:52 2011
# Not Valid After : Mon Dec 01 13:49:52 2031
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 2011"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\376\105\145\233\171\003\133\230\241\141\265\121\056\254\332\130
\011\110\042\115
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\163\237\114\113\163\133\171\135\137\227\272\034\357\156\313\325\311
END
CKA_ISSUER MULTILINE_OCTAL
\060\020\122\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\145\154
\156\151\143\040\101\143\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\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\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\000\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_TRUE
# Explicitly Distrust "MITM subCA 1 issued by Trustwave", Bug 724929
# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number: 1800000005 (0x6b49d205)
# Not Before: Apr 15:37:15 2011 GMT
# Not After : Apr 15:37:15 2021 GMT
**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 "MITM subCA 1 issued by Trustwave"  
**CKA_ISSUER** MULTILINE_OCTAL  
`\060\201\253\061\013\060\001\11\006\003\125\004\006\023\002\125\123  
\061\021\060\017\006\003\125\004\010\023\010\111\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\063\060\061\006\003\125\004  
\003\023\052\124\162\165\163\164\167\141\166\145\040\117\162\147  
\141\156\151\172\141\164\151\157\156\040\111\163\163\165\151\156  
\147\040\103\101\054\040\114\145\166\145\154\040\062\061\037\060  
\035\006\001\110\052\206\110\206\367\015\001\011\001\026\020\143\141  
\100\164\162\165\163\164\167\141\166\145\056\143\157\155  
END`  
**CKA_SERIAL_NUMBER** MULTILINE_OCTAL  
`\002\004\153\111\322\005  
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

# Explicitly Distrust "MITM subCA 2 issued by Trustwave", Bug 724929
# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number: 1800000006 (0x6b49d206)
# Not Before: Apr 18 21:09:30 2011 GMT
# Not After : Apr 15 21:09:30 2021 GMT
**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 "MITM subCA 2 issued by Trustwave"  
**CKA_ISSUER** MULTILINE_OCTAL  
`\060\201\253\061\013\060\001\11\006\003\125\004\006\023\002\125\123  
\061\021\060\017\006\003\125\004\010\023\010\111\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\063\060\061\006\003\125\004  
\003\023\052\124\162\165\163\164\167\141\166\145\040\117\162\147  
\141\156\151\172\141\164\151\157\156\040\111\163\163\165\151\156  
\147\040\103\101\054\040\114\145\166\145\154\040\062\061\037\060  
\035\006\001\110\052\206\110\206\367\015\001\011\001\026\020\143\141  
\100\164\162\165\163\164\167\141\166\145\056\143\157\155  
END`  
**CKA_SERIAL_NUMBER** MULTILINE_OCTAL  
`\002\004\153\111\322\005  
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
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
002004\153\111322\006
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 "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
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_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\001\006\003\125\004\006\023\002\011\011\124\061
\016\060\014\006\003\125\004\007\014\005\115\115\114\115\156\061
\043\060\041\006\003\125\004\012\014\032\010\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\060\003\125\004\000\014\036\010
\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\013\010
END
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\001\006\003\125\004\006\023\002\011\011\124\061
\016\060\014\006\003\125\004\007\014\005\115\115\114\115\156\061
\043\060\041\006\003\125\004\012\014\032\010\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\060\003\125\004\000\014\036\010
\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\013\010
END
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\001\006\003\125\004\006\023\002\011\011\124\061
\016\060\014\006\003\125\004\007\014\005\115\115\114\115\156\061
\043\060\041\006\003\125\004\012\014\032\010\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\060\003\125\004\000\014\036\010
\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\013\010
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 "Actalis Authentication Root CA"
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Serial Number:57:0a:11:97:42:2c:4: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
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
\361\163\263\207\006\132\050\204\212\362\363\112\316\031\053\335
\307\216\234\254
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\151\301\015\117\007\243\033\033\033\037\061\126\075\004\274\021\366\246
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\100\060\003\125\004\006\023\002\111\124\061
\016\060\014\000\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\000\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\164\040\103\101
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\127\012\021\127\102\304\343\314
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"
# Trust for "Buypass Class 2 Root CA"
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040

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
# Certificate "Buypass Class 3 Root CA"

# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Not Valid Before: Tue Oct 26 08:28:58 2010
# Not Valid After: Fri Oct 26 08:28:58 2040

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
CKA_ID UTF8 "0"

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CKA_ISSUER MULTILINE_OCTAL
\060\16\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
# 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
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\001\100\060\003\125\004\006\023\002\116\117\061
\035\060\003\000\003\125\004\012\014\024\102\165\171\160\141\165
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\030\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 After : Sat Oct 01 23:59:59 2033
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

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1400
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 "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 After : Sat Oct 01 23:59:59 2033

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\103\060\001\10\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\166\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\154\142\141\154\122\157\157\164\040\103\154\141\163\163\040\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\1001
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

# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 1", Bug 825022
# Issuer: O=T..RKTRUST Bilgi ..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik Sunucu Sertifikas.. Hizmetleri
# Serial Number: 2087 (0x827)
# Subject: CN=*.EGO.GOV.TR,OU=EGO BILGI ISLEM,O=EGO,L=ANKARA,ST=ANKARA,C=TR
# Not Valid Before: Mon Aug 08 07:07:51 2011
# Not Valid After : Tue Jul 06 07:07:51 2021
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 "TURKTRUST Mis-issued Intermediate CA 1"
CKA_ISSUER MULTILINE_OCTAL
\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303
\123\121\113\124\122\125\123\124\040\010\51\145\153\164\162\157
\156\151\153\040\123\165\161\165\143\165\040\123\145\162\164\151
\146\151\153\141\163\304\261\040\110\151\172\155\145\164\154\145
\162\161\061\130\060\011\006\003\125\004\006\023\000\124\122\061
\136\060\134\006\003\125\004\012\142\125\124\303\234\122\113\124
\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164
\151\305\237\151\155\040\166\145\040\102\151\154\151\305\237\151
\155\040\107\033\274\166\145\156\154\151\304\237\151\104\110\151
\172\155\145\164\154\145\162\151\104\101\056\305\236\056\040\050
\143\051\113\141\163\304\261\155\140\040\062\060\060\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\147
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

# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 2", Bug 825022
# Issuer: O=T..RKTRUST Bilgi..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik
# Sunucu Sertifikas.. Hizmetleri
# Serial: 2148 (0x864)
# Subject: E=ileti@kktcmerkezbankasi.org,CN=e-islem.kktcmerkezbankasi.org,O=KKTC Merkez
# Bankasi,L=Lefkosa,ST=Lefkosa,C=TR
# Not Valid Before: Mon Aug 08 07:07:51 2011
# Not Valid After : Thu Aug 05 07:07:51 2021
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 "TURKTRUST Mis-issued Intermediate CA 2"
CKA_ISSUER MULTILINE_OCTAL
\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303
\123\121\113\124\122\125\123\124\040\010\51\145\153\164\162\157
\156\151\153\040\123\165\161\165\143\165\040\123\145\162\164\151
\146\151\153\141\163\304\261\040\110\151\172\155\145\164\154\145
\162\151\061\130\060\011\006\003\125\004\006\023\000\124\122\061
# 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

CKA_CLASS CK_OBJECT_CLASS CKC_X_509
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 UTF8 "D-TRUST Root Class 3 CA 2 2009"

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0  1406
\240\010\240\077\206\075\164\164\160\057\057\167\167\167
\056\144\055\161\162\165\163\164\056\156\145\164\054\143\162\154
\057\144\055\161\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\247\155\001\001\103
\005\000\003\202\200\001\000\077\177\227\333\060\013\037\244\234\175
\041\172\200\160\316\024\022\024\022\5\140\040\001\254\262
\351\160\117\233\120\146\330\176\215\060\265\160\066\135\134
\151\037\363\160\333\040\025\206\320\015\056\276\254\001\165\020
\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\137\363\202\246\270\027\322\164
\243\177\324\337\260\230\002\254\157\153\153\054\045\044\162\224
\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\137\74\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\141\241\209\155\321\234\125\373\151\130\066\303\214\274
\074\205\246\151\012\046\015\340\223\301\040\256\176\196\044\227
\212\141\137\221\126\146\222\011\207\066\315\213\233\055\076\366
\121\124\24\324\131\050\027\203\362\314\100\173\123\206\155\330
\046\210\106\327\335\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_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_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

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\267\233\133\155\051\323\377
\125\137\000\060
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\340\045\151\125\107\254\234\211\065\220\206\376\375\121\075\057

END

CKA_ISSUER MULTILINE_OCTAL
# 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

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

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\105\077\143\141\145\162\164\151\146\151\143\141\164\145\162\145\166
\157\143\141\164\151\157\156\154\151\156\133\164\060\106\240\104\240
\102\206\100\150\164\164\160\072\057\057\167\167\167\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\156\141\137\143\154\141\163\163
\137\063\137\141\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\000\006\435\173\122\074\244\222\241\035\173
\032\021\165\007\057\263\376\074\372\036\121\046\353\207\366\051
\336\340\361\324\306\044\011\035\101\037\125\033\264\060\033\131
\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\102\130\071\163\172\315\071
\236\302\255\214\161\041\136\232\153\025\337\074\116\125\257\262
\204\145\024\211\271\167\313\052\061\267\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\320\132\323\036\111\17\271\133
\306\227\206\320\202\303\344\010\155\376\260\342\144\116\016\046
\347\100\004\060\265\010\211\327\101\143\143\070\047\165\036\063
\332\156\250\335\323\231\111\164\151\212\111\200\113\333\022\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\334\334\270\300\034\01
\352\237\026\361\054\124\265
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 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

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\137\61\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

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1410
# 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

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\103\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\010\055\124\162\165\163
\164\040\107\155\142\110\061\105\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\013\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\122\061\103\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\060\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\003\011\203\364

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
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1412
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_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:b0:8:ac1:63
# 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

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\103\060\027\006\003\125
\004\003\023\020\010\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
"346301l232l351l036002l107l237l052l250l155l251l133l317l354l105
167l77l230047l232l062l135l053l343l204l356l305l230l146l057l226
040035l335\330l330l0347l327l260l371l376l331l175l315l320l237l217
013l204l130l121l237l057l213l303l070l055l366l350l217l326l215l207
244365l126l103l026l231l054l364l244l126l264l064l270l141l067l311
302l130l20000l33l240l227l241l374l131l215l351l021l366l321l017l113
125064l106l052l213l206l073
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 "ACCVRAIZ1"
# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Serial Number:5e:c3:b7:43:7f: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
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\266\224\006\031\125\101\013\111\101\103\103
\126\061\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\010\103\103\126\061\013\006\011\006\003\125\004\006
\023\002\105\123
END

CKA_CERT_MD5_HASH_MULTILINE_OCTAL
\320\240\032\356\222\222\222\011\222\041\204\0141\175\361\262\251\202\002
END
CKA_ISSUER_MULTILINE_OCTAL
\060\010\022\060\060\020\006\003\0125\004\003\014\011\101\103\103
\126\122\101\101\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\010\103\103\126\061\013\006\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 After: Tue Dec 31 15:59:59 2030

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\112\127\111\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\066\003\125\004\003\023\023
\124\127\031\010\040\107\154\157\142\141\154\040\122\157\157\164
\040\010\31\01

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\112\127\111\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\066\003\125\004\003\023\023
\124\127\031\010\040\107\154\157\142\141\154\040\122\157\157\164
\040\010\31\01

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\014\276

CKA_VALUE MULTILINE_OCTAL
\060\020\005\010\060\020\003\051\124\000\03\002\001\002\002\002\014
\127\060\015\006\011\105\206\110\206\367\15\001\001\013\005\000
\060\012\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\112\127\111\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\066\003\125\004\003\023\023
\124\127\031\010\040\107\154\157\142\141\154\040\122\157\157\164
\040\010\31\01

END

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1419
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0  1421

# 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 After : Tue Dec 31 15:59:59 2030

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
Certificate "TeliaSonera Root CA v1"

Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
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

Certificate Type CK_OBJECT_CLASS CKO_CERTIFICATE
Token CK_BBOOL CK_TRUE
Private CK_BBOOL CK_FALSE
Modifiable CK_BBOOL CK_FALSE
Label UTF8 "TeliaSonera Root CA v1"
Certificate Type CK_CERTIFICATE_TYPE CKC_X_509
Subject Multiline OCTAL
Serial Number Multiline OCTAL
ID UTF8 "0"
Issuer MULTILINE_OCTAL
Serial Number MULTILINE_OCTAL

# Certificate "TeliaSonera Root CA v1"
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
# 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

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1422
END

# Trust for "TeliaSonera Root CA v1"
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1425

# 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
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-Tugra EBG Bili..im Teknolojileri ve Hizmetleri A.....L=Ankara,C=TR
# Serial Number:6a:68:3b:9c:51:9b:cb:53
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tugra 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 05 12:09:48 2023
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
The content of the image appears to be a mix of random characters and possibly a corrupted or incomplete text. It seems to include some code or technical data, possibly related to Open Source Used in Crosswork Zero Touch Provisioning 4.0.0. However, due to the nature of the text, a coherent interpretation is not possible.

# 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

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END

CA_ NSS MOZILL A_CA POLICY CK_BBOOL CK_TRUE
CA_ NSS SERVER DISTRUST AFTER CK_BBOOL CK_FALSE
CA_ NSS EMAIL DISTRUST AFTER CK_BBOOL CK_FALSE
# Serial Number: 6a:68:3e:9c:51:9b:cb:53
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tugra 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

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"

END

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\006\007\066\006\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\153\130\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\004\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\250\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\201\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
OPEN SOURCE USED IN CROSSWORK ZERO TOUCH PROVISIONING 4.0.0

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 "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)
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): 2B:9B:9E:E4:7B:6C:1F:00:72:1A:CC:C1:77:79:DF: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 "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\103\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\060\104
\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

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

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
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 "Atos TrustedRoot 2011"
# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Serial Number:5e: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
# CKCLASS CK_OBJECT_CLASS CKO_NSS_TRUST
# CK_TOKEN CK_BBOOL CK_TRUE
# CK_PRIVATE CK_BBOOL CK_FALSE
# CK_MODIFIABLE CK_BBOOL CK_FALSE
# CK_LABEL UTF8 "Atos TrustedRoot 2011"
# CKCLASS CK_OBJECT_CLASS CKO_CERTIFICATE
# CK_TOKEN CK_BBOOL CK_TRUE
# CK_PRIVATE CK_BBOOL CK_FALSE
# CK_MODIFIABLE CK_BBOOL CK_FALSE
# CK_ISSUER MULTILINE_OCTAL
# CK_SERIAL_NUMBER MULTILINE_OCTAL
# CK_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# CK_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# CK_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
# CK_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
# 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):
# CKCLASS CK_OBJECT_CLASS CKO_CERTIFICATE
# CK_TOKEN CK_BBOOL CK_TRUE
# CK_PRIVATE CK_BBOOL CK_FALSE
# CK_MODIFIABLE CK_BBOOL CK_FALSE
# Trust for "QuoVadis Root CA 1 G3"
# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# 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):
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_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
END
CKA_ISSUER_MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
# Certificate "QuoVadis Root CA 2 G3"

# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# 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

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_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL

END
BEGIN

# Trust for "QuoVadis Root CA 2 G3"
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# 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):

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
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\151\151\145\144\061\136\060\034\006\003
\125\004\000\033\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
# 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):
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\151\151\145\144\061\136\060\034\006\003
\125\004\000\033\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
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 3 G3"
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# 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):

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\125\030\071\006\347\060\155\047\226\346\244\175
\317\042\056\175

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\337\175\271\255\124\157\150\241\133\171\127\003\227\103\260\327

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\141\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
# Certificate "DigiCert Assured ID Root G2"

# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):
# Fingerprint (SHA1):

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
# 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):
# Fingerprint (SHA1):

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_CERificate_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\001\110\006\003\112\52004\006\001\023\002\125\123\061\025\060\023\006\003\112\52004\012\023\014\014\151\147\151\103\1145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\167\164\144\151\147\151\143\145\145\162\164\056\143\115
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145\162\164\040\010\116\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\006\011\100\001\111\100\003\112\52004\006\001\023\002\125\123\061\025\060\023\006\003\112\52004\012\023\014\014\151\147\151\103\1145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\167\164\144\151\147\151\143\145\145\162\164\056\143\115
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145\162\164\040\010\116\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062

END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\226\060\020\002\176\240\003\002\000\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\001\100\003\112\52004\006\023\002\125\123\061\025\060

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1446
# Trust for "DigiCert Assured ID Root G2"
# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):
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_ISSUER MULTILINE_OCTAL
\241\113\110\331\103\356\012\016\117\074\124\030\221\223\121\135\077
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

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1448
# Certificate "DigiCert Assured ID Root G3"

# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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

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\012\023\014\010\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\010\145\162\164\040\111\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\010\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\12\13\37\203\35\33\724\026\111\104\257\315\044\240\154\354
END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\106\060\202\001\131\524\000\302\001\1002\002\120\013\24\132\37\203\35\33\724\026\111\104\257\315\044\240\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\104\040\111\156
```
\143\061\031\060\002\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
\100\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\013\027\015\063\070\060\061\065\061\062\060\060\060
\060\013\020\060\145\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\025\060\020\036\003\125\004\012\023\014\104\151\147\151
\103\145\162\164\040\111\156\143\060\110\062\070\060\033\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\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\061\060\020\006\007\052
\206\110\316\075\002\000\100\005\053\201\004\000\042\003\142\120
\004\031\134\77\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\167\037\345\334\303\105\171\013\314\306\123\012\235\215\135
\002\323\125\111\133\062\021\132\366\225\052\016\215\070\112\121\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\124\102\060\100\006\017\000\060\031\215\035\023\001\000\137\700\004
\005\060\003\001\001\137\700\060\160\006\003\105\35\017\000\110\137
\004\004\003\000\020\012\060\035\060\003\125\035\016\000\042\060\000
\024\313\320\275\251\341\230\005\121\241\115\067\242\203\171\136
\215\035\052\344\204\060\012\012\060\10\052\206\110\316\075\004\003
\003\003\147\000\060\144\000\026\060\045\244\201\010\050\021\153\022\113
\165\164\117\310\043\343\160\362\165\162\336\174\211\136\031\722\211
\162\141\236\136\020\222\131\126\271\203\307\020\347\070\351\110
\046\066\175\325\344\064\206\071\002\060\174\066\123\360\060\345
\142\134\072\231\342\266\243\073\233\036\372\036\332\020\222\161
\136\262\023\247\335\244\156\222\145\062\326\365\041\146\030\057
\352\226\143\152\145\105\222\225\001\1264
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 Assured ID Root G3"
# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):
```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
# Certificate "DigiCert Global Root G2"

# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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

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\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354
END

CKA_ISSUER MULTILINE_OCTAL
\060\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354
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

#
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 Global Root G2"
# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
# Certificate "DigiCert Global Root G3"

# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):

# Certificate "DigiCert Global Root G3"

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\060\103\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\014\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\060\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
# Trust for "DigiCert Global Root G3"
# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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
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"

END

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\014\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\010\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
# Certificate "DigiCert Trusted Root G4"

# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):

END

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"

END

CKA_ID UTF8 "0"

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END
# 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
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
\167\135\005\344
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\170\362\374\252\140\037\057\264\353\311\067\272\123\056\165\111
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\001\110\060\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\014\151\140\151\151\143
\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\160\003\37\006\003\125\004\003\023\030\043\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\200\000\5\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
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 RSA Certification Authority"
#
# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# 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

CKA_CLASS CK_OBJECT_CLASS CKOCERTIFICATE
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
\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\0060
\016\006\003\023\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\104\102\123\101
\040\010\040\114\141\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\024\103\117\115\117\104\117\040\122\123\101
\165\164\150\157\162\151\164\171
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\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\0060
\016\006\003\023\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\104\117\104\117\104\117\104\117\104\117\104\117\104\117\104\117\104\117\104\117\104\117\104\117\104\117
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_VALUE MULTILINE_OCTAL
\060\020\125\061\103\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\0060
\016\006\003\023\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\104\102\123\101
\040\010\040\114\141\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\024\103\117\115\117\104\117\040\122\123\101
\040\010\041\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0

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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 "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\016\006\003\125\004\024\066\221\125\030\076\375\354\030
END
CKA_ISSUER MULTILINE_OCTAL
\060\020\012\050\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\060\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\0060
\016\006\003\125\004\007\237\007\123\141\154\146\157\162\144\061
\032\060\030\000\003\125\004\012\023\022\103\117\115\117\104\117
\040\010\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\120\013\117\115\117\104\117\040\122\123\101
\140\010\135\146\164\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
# 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):
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\120\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\120\060\021\060\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\016\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\010\151\164\171\061\013\060\034\006
\003\125\004\012\023\025\124\150\145\167\040\112
\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\124\162\165\163\164\040
\122\123\101\040\013\145\162\164\151\146\151\143\141\164\151\157
\156\040\011\165\164\150\157\162\151\164\171
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\120\060\021\060\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\016\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\010\153\164\171\061\013\060\034\006
\003\125\004\012\023\025\124\150\145\167\040\112
\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\124\162\165\163\164\040
\122\123\101\040\013\145\162\164\151\146\151\143\141\164\151\157
\156\040\011\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\001\375\155\060\037\124\33\121\121\125\003\27\144\016\065\003\055
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\060\036\060\022\003\036\024\003\002\010\000\020\000\01\375\155\060\037\124\33\121\121\125\003\27\144\016\065\003\055
END

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

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 "USERTrust RSA Certification Authority"
# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# 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):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1467
# Certificate "USERTrust ECC Certification Authority"

# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# 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

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\060\210\006\003\012\250\004\006\023\002\125\023
\061\023\060\021\006\003\012\250\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\156\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\000\01\375\155\060\374\243\312\121\125\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 "GlobalSign ECC Root CA - R5"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# 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

CKA_CLASS CK_OBJECT_CLASS CKC_X_509

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

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 "GlobalSign ECC Root CA - R5"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# 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
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
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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: 1003001 (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):
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\133\060\011\100\006\033\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\141\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\153\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\141\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\133\060\011\100\006\033\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\141\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\153\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\141\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\150\001\001\013
\005\000\060\132\061\103\060\011\100\006\033\125\004\006\023\002\116
\114\061\136\060\034\006\003\125\004\012\014\025\123\164\141\141
\164\040\144\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\061\103\060\051\006\003\125\004\003\014\042\123\164\141\141
\164\040\144\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\060\142\221\157\157\164\040\103\101\040\055\040\107\063
END
Open Source Used in Crosswork Zero Touch Provisioning 4.0.0 1475


END

# 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):

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

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_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
OPEN SOURCE USED IN CROSSWORK ZERO TOUCH PROVISIONING 4.0.0

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

00200400002300266215

END

CKA_VALUE MULTILINE_OCTAL

0601300610130600110060003125004006023002116
0360600340060031250040120140025123164141141164040
144145162040116145144145162154141156144145156061
105106004070000312500400314040123164141141164040
144145162040116145144145162154141156144145156040
105126040122157157164040103101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

00200400002300266215

END

CKA_VALUE MULTILINE_OCTAL

0601300610130600110060003125004006023002116
114061036060003400600312500401201400251231641411411
164040144145162040116145144145162154141156144145
1560610510600470060031250040030140401231641411411
164040144145162040116145144145162154141156144145
156040105126040122157157164040103101060036027015
0610600610620600700610610170102071013202071015062
06206106206007061106106062020701132060130601113
06001100600312500400602300211611611460136066034006
003125004012014025123164141141164040144145162040
1161641441451621541411561441451560610510606407006
003125004003014040123164141141164040144145162040
116164144145162154141156144145156040105126040122
1571571640401031010600202002042060015060611052206
110206036715010010100100050000320202020170000060202
0020012002202020200100034330711762113710441113072322
063203060504151135433401124433431212500450531711270
0100705340212217220420503060205244312346311056123244
311044036375125146161113505430514050004267313102
1220460070210424326073100246032315077315230223263
12402401320226125325120376206255244143177134207366
12613460472221470272222002003054334326146164355335
147377301141215143117017233155027060046357253322
1307020420371130517702621510100103017355036150215162
1241115262046306272154137155326257321261023126251
2553631361151650640300761010530341177356213135007
0602535103034051012053374052076206310374203072371
311015332305231342274170101063166341277057135345
2442301200140253354304372234177070150320262246172
247321061275176212130047103263272063221322472230
0251342323463230171653313741011230227076252045333
217222056260173014137361143251067371233165151114
05004045323225362022160105125343337163136067365
0411542201260651323113230433533323300276170254102
0501301462451061155160002327020371113124374135206
# 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):
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\123\264\350\322\160\037\300\365\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\130\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\141\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061\051\060\047\006\003\125\004\003\140\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):
# Fingerprint (SHA1):
# Signatures:
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\113\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\000\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\113\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\000\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\020\000\000\001\105\043\310\104\265\000\000
\000\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\000\140\060\202\003\110\240\003\022\001\102\020\012
\001\102\200\000\000\001\105\043\310\104\265\000\000\000\002\0606
\015\006\011\052\026\011\020\367\015\001\001\130\020\060\012
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060
\020\000\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
\140\041\122\157\157\164\040\103\101\040\061
\060\060\106\106\060\107\006\010\062\060\312\027\015\063\064\060
\061\061\066\066\061\070\006\010\062\062\063\132\027\015\063\064\060
\061\061\066\066\061\070\006\010\062\062\063\132\060\112\061\013\060\011
\006\060\03\125\004\006\023\002\125\123\061\022\060\020\000\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
END
# 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):
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\204
END
# 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):

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
\263\076\167\163\165\356\240\323\343\176\111\143\111\131\273\307
END

CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\001\100\06\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\01\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
\14\154\040\122\157\157\164\040\103\101\104\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\015\043\310\104\265\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
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0
# 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):

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"
END
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
\002\020\012\001\102\200\000\000\000\105\043\317\106\174\000\000
\000\002
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\000\105\043\317\106\174\000\000
# 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
# 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):

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"

万元以上
\124\364\047\375\171\014\072\321\146\006\215\350\036\127\357\273
\223\042\162\324

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

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\113\342\311\221\226\145\014\364\016\132\223\222\240\012\376\262

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

END
# 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):
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\020\012\277\061\013\060\001\11\006\003\125\004\006\023\002\125\123\061\026\006\024\006\003\125\004\012\023\015\105\156\164\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\156\151\163\061\120\026\060\060\071\014\105\156\164\162\165\163\164\054\010\111\156\145\004\146\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145\140\157\156\141\171\061\106\206\160\060\003\125\004\003\123\051\110\156\164\162\156\163\164\040\122\157\156\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
\143\056\050\060\046\006\003\125\004\013\023\037\123\145\145
\040\167\167\167\056\145\156\164\161\162\165\163\164\056\156\145\164
\057\145\145\147\11\15\40\53\145\161\21\15\63\61\07\10\60\067
\006\003\125\004\013\023\060\051\056\145\164\057\154\145\147\11\15\40\53\145\160\156\151\172\145\144\040\165
\163\145\040\157\156\154\171\061\063\060\061\060\063\125\004\003
\023\052\105\156\164\162\165\163\164\040\040\122\157\156\140\010\103
\145\162\164\151\146\151\141\143\144\161\165\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\010\031\067\002\001\006\005\053\201\000\040\000\042
\003\142\000\004\204\023\311\320\272\155\011\173\342\154\320\0353
\125\137\146\020\322\040\364\133\211\151\107\343\270\032\170\361
\362\002\305\237\240\366\133\325\213\060\031\206\117\123\020\155
\007\044\047\241\240\370\325\107\031\111\114\175\32\22\047\352
\164\014\357\157\226\011\376\143\354\160\135\066\255\147\167\256
\311\235\174\125\010\047\224\143\121\037\365\334\142\324\251\107
\007\076\314\040\243\102\060\100\060\016\006\003\125\035\017\001
\001\377\004\040\030\002\001\006\060\17\006\003\125\035\023\001
\001\377\004\005\060\000\030\001\001\377\006\035\006\003\125\035\016
\004\026\020\042\267\143\347\032\333\215\351\012\246\125\023\244
\340\152\120\101\145\021\102\111\060\102\060\101\052\206\110\316
\075\004\003\003\000\147\000\060\144\000\206\141\171\133\303\145\0102
\107\337\034\256\123\231\027\266\157\034\175\341\277\021\224\321
\003\321\016\54\244\215\212\142\244\167\106\336\155\141\357\000\2365
\373\265\337\143\376\116\377\376\215\346\247\002\060\133\231\327
\020\567\006\265\173\010\375\353\047\213\112\224\371\341\373\247
\216\040\010\350\017\422\215\015\333\301\157\046\254\041\002\270
\231\026\046\101\133\045\140\256\032\110\032\235\060
END
CKA_NSS MOZILLA_CA POLICY CK_BBOOL CK_TRUE
CKA_NSS SERVER DISTRACT AFTER CK_BBOOL CK_FALSE
CKA_NSS EMAIL DISTRUST 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:79:29:00:00:00:50: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):
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
04033000060100337233045365022045072021352367131212
353024265107
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
26617603536013030511111540440730753552300303355274
END
CKA_ISSUER MULTILINE_OCTAL
060201027776010106000110060003125004006023002125123
0612020606240060031250040122023015105156164162165
1631640540401111156143056061050060046000003125004
0130230371123145145040167167167167056145156164162165
1631640561561451640571541451471141154055164145162
15516306110710600670060003125004013023060050143051
0400620606160240105156164162165163164054040111
156143056045055040146157162040141165164150157162
15111721451440401651631450401571561541711061063060
06120000312500403023052105156164162165163164040
1221157157164040103145162164151146151143143164151
157156040101165164150157162151164171040055040105
103061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
00201500024621317115110000000000000001203202221371
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 (0x184acc6)
# 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):
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"
# Certificate "OISTE WISeKey Global Root GB CA"
#
# Issuer: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# 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):

# 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_ID UTF8 "0"
# CKA_ISSUER UTF8 "OISTE WISeKey Global Root GB CA"
# CKA_SUBJECT UTF8 "OISTE WISeKey Global Root GB CA"
# CKA_SERIAL_NUMBER MULTILINE_OCTAL
0\020\020\126\040\122\117\117\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
# Trust for "OISTE WISeKey Global Root GB CA"
# Issuer: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# 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

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"

END

END

END

END

END

END

END

END

END

END
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1501

# Certificate "SZAFIR ROOT CA2"

# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# 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

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
\157\142\141\154\040\122\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

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344
# Trust for "SZAFIR ROOT CA2"
# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# 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):

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
\130\263\077\136

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\144\301\211\260\044\261\214\261\007\176\211\236\121\236\231

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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001

END

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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 "Certum Trusted Network CA 2"
#
# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies
# S.A.C=PL
# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies
# S.A.C=PL
# Not Valid Before: Thu Oct 06 08:39:56 2011
# Not Valid After : Sat Oct 06 08:39:56 2046
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
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_TOKEN UTF8 "Certum Trusted Network CA 2"

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
\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\031\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_SERIAL_NUMBER 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\031\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_SERIAL_NUMBER MULTILINE_OCTAL
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0  1507

END

# 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
# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
# Not Valid Before: Thu Oct 06 08:39:56 2011
# Not Valid After : Sat Oct 06 08:39:56 2046
# Fingerprint (SHA-256):

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

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_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 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL

CKA_CERT_MD5_HASH MULTILINE_OCTAL

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

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
# 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):

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 RootCA 2015"

END

CKA_ID UTF8 "0"

END


END
# 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

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\022\225\352\051\351\022\246

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\377\342\333\003\331\313\113\351\017\255\020\037\173\030\031

CKA_ISSUER MULTILINE_OCTAL
\060\201\246\061\013\060\011\060\003\125\004\006\023\002\107\122
\061\17\17\06\15\006\003\125\004\007\023\06\164\150\145\156
\163\061\10\04\06\10\02\06\003\125\004\12\23\073\110\145\154\154
\145\156\151\143\040\10\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\161\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\17\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\10\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\140\111\156\163\164\151\164\165\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065

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 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):
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

END

\060\020\215\222\061\013\060\001\11\006\003\125\004\006\023\002\107\122
\061\017\060\001\15\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\12\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\156\151\143\040\101\143\143\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\215\225\061\013\060\001\11\006\003\125\004\006\023\002\107\122
\061\017\060\001\15\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\12\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\156\151\143\040\101\143\143\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_SUBJECT MULTILINE_OCTAL
\060\201\215\225\061\013\060\001\11\006\003\125\004\006\023\002\107\122
\061\017\060\001\15\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\12\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\156\151\143\040\101\143\143\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

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1512
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 "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):
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
\103\123\205\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
KA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
KA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
KA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
KA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ISRG Root X1"
#
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# 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):
KA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
KA_TOKEN CK_BBOOL CK_TRUE
KA_PRIVATE CK_BBOOL CK_FALSE
KA_MODIFIABLE CK_BBOOL CK_FALSE
KA_LABEL UTF8 "ISRG Root X1"
KA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
KA_SUBJECT MULTILINE_OCTAL
\060\117\061\130\016\111\130\016\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\151\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
KA_ID UTF8 "0"
KA_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\151\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
KA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\202\020\317\260\032\100\343\131\104\143\340\273\143
\202\213\000
END
KA_VALUE MULTILINE_OCTAL
\060\202\005\153\060\202\003\123\240\003\002\001\002\002\002\021\000
\202\202\317\260\032\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
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 "ISRG Root X1"
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# 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):

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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 "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\032\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
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Not Valid After : Tue Jan 01 00:00:00 2030
# Fingerprint (SHA-256):
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_NSS_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 "AC RAIZ FNMT-RCM"
# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Not Valid After: Tue Jan 01 00:00:00 2030

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\322\250\232\133\102\231\054\114\054\040

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\342\011\004\264\323\275\321\240\024\375\032\322\107\304\127\035

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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\135\223\215\060\147\066\310\006\035\032\037\124\204\151
\007

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# Certificate "Amazon Root CA 1"

# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# 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):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\061\063\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\020\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103
\346\226\066\133\312
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 "Amazon Root CA 1"
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# 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):
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
# 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):
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\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\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\222\260\065\206\237\012\017\345\206\170\370\133\046\273\212\067
END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\101\060\020\003\051\124\000\030\022\000\001\002\002\023\006
\154\237\322\222\260\065\206\237\012\017\345\206\170\370\133\046\273
\212\067\060\150\006\011\052\206\110\206\367\015\001\001\014\005
\000\006\071\061\013\060\011\110\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\012\221\157\157\164\040\013\101\040\062\060\036\027\015
\061\016\050\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\060\027
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157
\157\156\040\010\103\101\040\062\060\020\042\060\015\006\110\105
\206\110\206\367\015\001\100\100\105\000\003\120\020\017\060\060
\020\020\022\120\020\022\000\010\255\222\263\055\234\112\114\112
\201\171\121\121\135\122\123\113\153\140\121\123\274\115\155\006\374
\260\010\215\135\350\031\020\152\030\046\014\065\330\300\157\040\204
\351\122\261\123\205\003\030\133\333\112\123\350\030\137\022\066\331
\133\31\173\343\114\350\006\066\115\142\232\254\075\014\220\053\322
\324\006\031\140\254\067\104\171\205\201\122\255\312\067\340\15
\314\235\246\114\122\166\352\032\235\267\004\321\120\236\125\340
\325\322\246\111\205\351\067\351\132\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\044\072\074\022\123\142\377\112
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 "Amazon Root CA 2"
# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US
# 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):
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 хозяйственное закрытие CK_BBOOL CK_FALSE
CKA хозяйственное закрытие CK_BBOOL CK_FALSE
CKA хозяйственное закрытие CK_BBOOL CK_FALSE
CKA хозяйственное закрытие CK_BBOOL CK_FALSE
CKA хозяйственное закрытие CK_BBOOL CK_FALSE

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 "Amazon Root CA 2"
# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US
# 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):
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"

END
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
# 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):
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\223\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\223\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\022\001\266\060\202\000\133\240\003\002\000\102\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\100\060\003\125\004\006\023\002\125\123\061\101\155\141\172\157\156\061\103
\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
# Trust for "Amazon Root CA 3"

# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# 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

# 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 "Amazon Root CA 3"

# Certificate
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 Policy

END
Certificate "Amazon Root CA 4"

Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
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):

Certificate "Amazon Root CA 4"

Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
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):
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\111\107\264\315
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\101\013\060\011\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
# 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):
# Fingerprint (SHA1):
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\103\060\011\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156

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END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
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
# 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):

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
\062\062\060\070\063\061\060\060\060\060\060\060\132
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
# 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):

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\130\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
\154\143\040\124\162\165\163\164\040\161\156\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\103\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
\154\143\040\124\162\165\163\164\040\161\156\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\200\144\202\236\374\067\036\164\374\227\377\227\310\261
\377\101
END
CKA_VALUE MULTILINE_OCTAL
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

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

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

# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After: Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):

END
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1539

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\060\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\151\157\156\061
\037\060\035\060\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\013\060\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\140\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\171\155\141\156
\037\060\035\060\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\140\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_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 (0xfdac)
# 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):
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\015\060\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\060\003\125\004\012\041\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\010
\040\063\040\062\060\061\063
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\015\060\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\060\003\125\004\012\041\014\104\055\124\162\165\163
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 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):
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\033\170
\337\157\357\227
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\042\146\230\176\326\003\340\031\161\346\165\315\126\105\277
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\060\101\306\001\11\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\04\055\124\162\165\163
\164\040\107\155\142\11\006\103\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):
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
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\145\151\106\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\140\102\151\154
\151\155\163\145\154\040\166\145\140\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\140\040\113\165
\162\165\151\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
# 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):

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

# Fingerprint (SHA-256):

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

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\334\000\201\334\151\057\076\057\260\073\366\060\132\221\216\111

CKA_ISSUER MULTILINE_OCTAL
\060\201\322\061\103\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\26\060\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\105\040\124\125\102\11\11\124\101\113\061\105
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\146\171\157\156\040\115\145\162\153
\145\172\151\040\155\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\163\040\123\115\040\123\123\140\011\133\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\140\055\040\123\165
\161\165\155\140\006

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001

END
# 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):
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\112\111\124\131\014\030\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\104\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\112\111\124\131\014\030\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\104\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
# Trust for "GDCA TrustAUTH R5 ROOT"

# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY

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
CO., LTD.
# 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
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 "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\006\003\125\004\006\023\002\103\116\061\062\060\060\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\137\060\035\006\003\125\004\003\14\026\107\104\103\1\040\124\162\165\163\164\101\125\124\110\040\122\065\040\122\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\201\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):

# 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
060201244061013060001100600311250004006023002\120\101
0611070600150060031125000401000140061200141156141155
141106102406002206000311250040007014013120141156141
155141040103151164171061044060042060600311250004012
0140331124162165163164103157162040123171163164145
1551630401123056004014414504011220561140560611047060
045006003125004013014036124162165163164103157162
0401031345162164151146114311411641450401011165164
15015716215116417106103706003560003125004003014
026124162165163164103157162040122157157164103145
162164040103101\055\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
060201244061013060001100600311250004006023002\120\101
0611070600150060031125000401000140061200141156141155
141106102406002206000311250040007014013120141156141
155141040103151164171061044060042060600311250004012
0140331124162165163164103157162040123171163164145
1551630401123056004014414504011220561140560611047060
045006003125004013014036124162165163164103157162
0401031345162164151146114311411641450401011165164
15015716215116417106103706003560003125004003014
026124162165163164103157162040122157157164103145
162164040103101\055\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002\11\000\332\2333\3541161\3630031260031

END

CKA_VALUE MULTILINE_OCTAL
060201244061013060001100600311250004006023002\120\101
0611070600150060031125000401000140061200141156141155
141106102406002206000311250040007014013120141156141
155141040103151164171061044060042060600311250004012
0140331124162165163164103157162040123171163164145
1551630401123056004014414504011220561140560611047060
045006003125004013014036124162165163164103157162
0401031345162164151146114311411641450401011165164
15015716215116417106103706003560003125004003014
026124162165163164103157162040122157157164103145
162164040103101\055\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002\11\000\332\2333\3541161\3630031260031

END

CKA_VALUE MULTILINE_OCTAL
060201244061013060001100600311250004006023002\120\101
0611070600150060031125000401000140061200141156141155
141106102406002206000311250040007014013120141156141
155141040103151164171061044060042060600311250004012
0140331124162165163164103157162040123171163164145
1551630401123056004014414504011220561140560611047060
045006003125004013014036124162165163164103157162
0401031345162164151146114311411641450401011165164
15015716215116417106103706003560003125004003014
026124162165163164103157162040122157157164103145
162164040103101\055\061
# 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):

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\132\250\072
\105\133\030\12
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\02\12\44\06\10\13\06\01\11\06\00\03\12\5\00\4\00\6\02\3\00\2\12\0\1
\06\1\0\17\06\00\15\06\00\03\3\12\5\04\0\10\0\14\0\6\12\0\14\1\1\56\14\1\155
\14\1\0\6\1\0\2\4\0\6\0\0\2\2\0\6\0\0\3\12\5\04\0\0\7\0\1\4\0\1\3\1\2\0\14\1\1\56\14\1
\15\5\1\1\4\0\4\0\1\3\1\5\1\1\6\1\7\1\0\1\4\4\0\6\0\0\4\2\0\0\6\0\0\3\1\2\5\0\0\4\1\2\1
\0\4\3\3\2\12\1\6\2\16\5\16\3\16\4\1\3\157\162
\155\163\040\12\3\0\56\0\4\1\4\1\5\0\4\0\12\2\0\56\1\1\4\0\56\0\6\1\0\4\7\0\60
\0\4\5\0\0\6\0\0\3\1\2\5\0\0\4\1\3\0\1\4\0\3\6\12\4\1\6\2\16\5\16\3\16\4\1\0\3\157\162
# 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
# Not Valid Before: Thu Feb 04 12:32:23 2016
# Not Valid After: Sun Dec 31 17:26:39 2034

CKA_CLASS CK_OBJECT_CLASS CKC_X_509
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
\040\010\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\032\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

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\020\124\061\130\060\011\006\003\125\004\006\023\002\120\101
\061\107\060\015\000\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\060\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
\104\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\014\145\040\122\056\114\056\061\1047\060
\045\006\003\125\004\013\040\136\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_ISSUER MULTILINE_OCTAL
\060\020\124\061\130\060\011\006\003\125\004\006\023\002\120\101
END  

CKA_SERIAL_NUMBER MULTILINE_OCTAL
00201004524133731206313131002
END

CKA_VALUE MULTILINE_OCTAL
06020200060570602020040272400032002001002002010045
241337312063131311002006015006011052206110206367
015001001013005000060201244061013060011006003125
00400602300212010106101706015060003125004010014
0060120101115611061024060022006003125004007
014013120111561155141040103151164171061044060
042006003125004012014033124162165163164103157162
040123171163164145515506304123056040144145040112
05611405606104760604500603125004013014036124162
165163164103157162040103145162164151146151143141
16414504010111651450157162151164171061037606003
00600301250040030140262124162165163164103157162040
122157157164103145156164040103151055062060006027
0150610660606206064061062063062062063132027015
06306406010620630601061067062066063071132060201244
01610306011000603125004006023002120101061017060
015006003125004010014006120101156114155141061024
0060022000600312500400701401312014156141155141040
0315116417106104406042006003125004012014033124
1621651631641031571620401231171163145155163040
123056040144145040122056114056061047060045006003
025004103140361241621651361641031571620401031345
1621641511461511431411641450400101165164150157162
151164171061037600350603125004003140262124162
165163164103157162040122157157164103145162164040
10310105506206020200204206001506011052206110206
36701500100100105000003202002017000060200200212
00220202001000024704015630205232412044225220166
3100070176200032222533012331450052243643011012020325
0222543555237223072073102690470531020140751012076
1011132326165335215312340233354150062244151222150
214013201016126240076032335505401420202557227323
144106136412425113340721240550610531231202362331052
OPENSSL_PKCS12 "TrustCor RootCert CA-2"

END
[060]20\1\244\061\101\3060\011\006\0003\125\004\0060\023\002\120\101
\010\17\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\0007\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\036\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\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 (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\101\130\060\011\006\0003\125\004\0060\023\002\120\101
\061\17\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\0007\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\036\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

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# 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

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

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# 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):
# Fingerprint (SHA1): 58:D1:DF:95:65:6B: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_SHA1_HASH MULTILINE_OCTAL
\047\222\043\035\012\\365\100\174\351\346\153\235\330\365\347\154

END

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\060\024\060\022\006\003\125\004\007\014\003\120\141\156\141
\155\141\040\010\151\164\171\161\144\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\013\145\162\164\151\146\151\143\141\164\145\040\101\116\156
\150\157\116\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\010\055\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\204\202\054\137\034\142\320\100

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 RSA"
#
# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid After : Tue Feb 12 17:39:39 2041
# Fingerprint (SHA-256):
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1561


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

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0
# 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
# Subject: CN=SSL.com Root Certification Authority RSA, O=SSL Corporation, L=Houston, ST=Texas, C=US
# Not Valid After: Tue Feb 12 17:39:39 2041
# Fingerprint (SHA-256):
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\114\056\143\157\155\040\122\157
\157\164\040\013\145\162\164\151\146\151\143\144\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:cbc1:68:5b: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
# 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\006\023\002\125\123\061
\016\060\014\006\003\125\004\006\023\002\125\123\061
\066\111\014\273
END
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 "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):
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\034\61\124\257\033\042\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
\064\007\334\273\036\006\177\302\105\225\354\313\177\250\043\340
\011\351\201\372\363\107\323\243\143\060\141\060\035\003\125
\035\016\004\026\004\042\220\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\137\007\004\005\060\003\001\001\137\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\060\003
\125\035\017\001\001\137\007\004\004\003\002\001\206\060\012\006\010
\052\206\103\316\075\004\003\002\003\147\000\060\144\002\060\157
\347\353\131\021\244\140\317\141\260\226\173\335\005\371\057\023
\221\334\355\345\374\120\153\021\106\106\263\033\041\000\142\273
\276\033\347\350\315\007\231\371\015\013\135\162\076\034\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\170\110\054\246
\135\176\342\360\007\010\150\155\322\174\151\156\137\337\345\152
\145 END

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```
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\013\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\013\010
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):

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
\006\201\202\061\101\13\060\011\006\003\125\004\006\023\002\125\123
\061\106\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\102\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\103\060\026\006\003\125\004\012\101\140\171\123\123\114
\040\103\157\162\161\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\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\140\122\062
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\101\13\060\011\006\003\125\004\006\023\002\125\123
\061\106\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\102\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\103\060\026\006\003\125\004\012\101\140\171\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\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\140\122\062
END
```

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# 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):
# Fingerprint (SHA1):

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 multinline_octal
\164\072\360\122\233\320\062\240\364\112\014\006\003\125\004\010\125\123
\157\156\061\030\065\026\006\003\125\004\012\014\017\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

cka_cert_md5_hash multinline_octal
\341\036\061\130\032\256\124\123\002\366\027\152\021\173\115\225

cka_serial_number multinline_octal
\002\020\126\266\051\315\064\274\170\366
# 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 After: Tue Feb 12 18:15:23 2041
# Fingerprint (SHA-256):
# Fingerprint (SHA1):

END
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\224\204\200\002\226\204\200\220\204\200\002\000\202\002\210\202\002
\004\003\202\000\206\177\001\013\060\010\006\003\215\204\004\006\230\002
\125\230\016\060\001\400\006\003\215\004\010\140\055\214\517\010
\164\314\517\516\061\030\060\026\006\003\215\204\012\024\017\123
\123\14\040\131\157\161\016\157\162\141\164\151\157\156\061\064
\060\062\200\006\003\215\204\004\003\214\053\123\123\114\056\143\157\155
\140\151\164\151\157\156\040\101\165\164\151\157\162\151\156\141
\143\141\164\151\157\156\040\011\165\164\150\157\162\151\156\141
\130\105\103\103\060\036\027\015\061\066\060\062\061\062\061\070
\061\106\062\063\032\027\015\064\060\060\062\061\062\061\070
\065\062\063\132\060\017\010\130\060\011\010\006\003\125\200\004\006\023
\002\125\213\061\106\060\014\006\003\215\004\010\014\005\214\145
\170\141\163\060\102\060\001\60\006\003\215\204\007\014\007\110\157
\165\163\164\151\157\156\013\050\060\006\003\215\204\012\014\017
\123\123\114\040\103\157\161\216\150\157\162\141\164\151\157\156\061
\064\040\062\006\000\03\215\200\004\003\125\200\004\003\140\145\131\157
\155\040\105\106\040\122\157\157\164\040\013\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\104\105\103\030\166\160\020\006\007\052\206\110\316\075
\002\200\010\060\005\035\212\010\04\000\042\203\142\000\045\225\222\107
\220\230\033\377\373\357\303\100\007\203\040\116\361\060\202\242\006
\321\136\222\220\064\141\162\360\041\150\312\000\030\375\326\030\000
\124\206\334\375\037\337\000\270\101\142\134\334\160\026\062\336
\037\231\132\343\143\203\050\073\310\010\037\141\102\060\071\121\075\175\134
\007\121\334\065\070\214\337\315\237\331\056\015\112\266\031\056
\132\160\132\060\035\276\360\241\216\032\320\011\051\243\143\060
\141\160\350\006\003\125\035\160\040\260\004\024\133\312\121\363\345
\336\322\210\125\231\152\250\055\144\121\266\331\162\233\227\346\117
\060\170\060\003\125\035\230\001\001\377\004\005\060\003\001\000
\377\060\037\006\003\125\035\043\004\030\060\226\002\241\333\312
\136\345\336\322\201\125\231\152\250\055\144\121\266\331\162\233\227
\346\117\060\160\006\003\125\035\057\100\001\377\004\000\030\002
\012\006\060\120\006\010\052\206\110\316\075\004\003\002\003\015
\000\060\145\000\206\100\002\123\461\100\211\067\353\351\325\202\333
\312\234\153\044\363\260\075\207\106\130\032\354\265\1337\157\373
\126\272\160\153\307\070\314\350\262\124\171\017\367\361\147\166
\016\203\320\036\121\127\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\020\171\154\356\145\212\311\107\250
\371\007\340\142\232\214\134\112
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 "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 After : Tue Feb 12 18:15:23 2041
# Fingerprint (SHA-256):
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 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
\106\017\061\013\060\001\100\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\000\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\162\157\165\164\151\151\151\151\151\151\151\151\151\151\151\151\151\151\151\151\151\151\151
\103\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126\040\122\157\157\164\040\010\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\123\133\026\135\50\052\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
# 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):
# Fingerprint (SHA1):

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
\055\040\122\066\061\023\060\021\060\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\060\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\060\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\060\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\033\020\051\145\110\346\377\105\121
END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\203\060\022\003\153\240\000\030\002\001\002\002\016\105
\346\273\003\032\030\063\033\020\154\110\346\377\105\121\060\015\000\06
\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\060\003\125\004\012\023\012\107\154\157\142\141
\154\123\151\147\156\010\23\060\021\060\003\125\004\003\023\012
\157\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\060\060\060\013\202\107\150\063\064\061
\062\060\060\060\060\060\060\060\060\013\202\107\150\063\064\061
\060\060\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\060\003\125\004\012\023\012\107\154\157\142\141\154\123
\151\147\156\061\023\060\021\060\003\125\004\003\023\012\107\154
\157\142\141\154\123\151\147\156\060\020\020\002\017\000
\060\022\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\023\270\101\122\063\024\244\157\177\351\052
# Trust for "GlobalSign Root CA - R6"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# 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): 

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"

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

# CKA_NSS_MOZILLA_CA_POLICY
# CKA_NSS_SERVER_DISTRUST_AFTER
# CKA_NSS_EMAIL_DISTRUST_AFTER

$END
CKA_ISSUER MULTILINE_OCTAL
\060\141\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\012\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\05\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
# 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):
# Fingerprint (SHA1):
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
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\106\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\105\060\046\006\003\125\004\003\023\037
\117\111\123\124\010\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\03\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\106\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\105\060\046\006\003\125\004\003\023\037

# Trust for "OISTE WISeKey Global Root GC CA"
# Issuer: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# 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

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

# Certificate "UCA Global G2 Root"
# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN
# 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):

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_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

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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\200\202\135\137\261\332\132\243\355\135\276\132\145\040\145\003
\220\357

CKA_VALUE MULTILINE_OCTAL
\060\202\005\106\060\202\003\056\240\003\022\001\002\002\200\135
\137\261\132\132\243\355\135\276\132\145\040\145\003
\220\357

END

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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 "UCA Global G2 Root"
# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN
# 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):
# Fingerprint (SHA1):

END

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\124\030\114\212

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\200\376\360\304\112\360\134\142\062\237\034\272\170\251\120\370

CKA_ISSUER MULTILINE_OCTAL
\060\075\061\101\260\001\125\004\006\203\103\116\061
\210\060\017\006\003\125\004\012\230\125\165\151\124\162\165
# Certificate "UCA Extended Validation Root"

# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# 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
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\061\013\060\011\006\003\125\004\003\014\022\125\103\101
\040\070\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\137\157\142\132\124\165\135\176\132\145\040\145\003
\120\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
CKA_VALUE MULTILINE_OCTAL
\060\0200\0051\132\060\0200\0203\10224\0090\0330\002\00100\0200\0201\117
\32205\31217\3651\144310063236117064113011460431601140060
\0150060110\52061110\20667015000101\303050000600107
\061103060011\0600631250040060023002103116061021\060
\01700600312500401201401012511561151241622165163164
\061104506004300603125004031040341125103101040105
\1701161415156114414514404012611154151144141164151
\1571560401122157157164600360270150616506063061
\0630060606060606061320270150630700661062063061
\060060060606060601320601070601130600111060063125
\0094006023001311606102106017006003125004012014
\01010125115112416216516316460164061014506004300603125
\004003011403412510331010401051701641451561144145144
\040112611141511441411641511571560401122157157164
\060020020020420601015006011052061110206367015001001
\0010050000032020021700006020200201200202002001
\00002501110070500230026203140144252036103026172
\163261122124016507625037233430700001723542111152040
\017213305260233063001132206306130206325301025273
\117303234100115131227635615122627025520116020232174
\2220095353005053232111032027016607622623300040273322
\26306121730320541050637725214711402641671761152037
\074032122117200407500704205051520432020037166102367
\1520243371162343064174127116126001076171361252051
\0731154372370217155115130065337235633344343561171
\1052472052660005210333621011350451742271441470111331
\2771320250502063630111036354130062063021363167144
\2601660373444020065027033632016261154244052243163
\37401110370360620311230211347331263050561660605241
\2433361761522100113503620072123702623150202374322
\1631000223273010321077341374013224263045357174246
\32732125723737722623263652211732300131673241176350
\007322142265225071334363363115501701614520421243
\124305020026634024361113715070462470001010135321210
\236327303062104372302112012150124177070123000314
\2440030063144121131011342320222172136354026302363
\052534613423220523333131142020045112052201013107007
\103006160207323223722232012051172110115353224307160
\1152571437252126120040010012621270210426220177
\1163400357007110120725715224513621373317120262232
\1242573030112721300553650602302610661620711761111
\004375051247111413440051257333224271026123215106
\2630352225111412712617725736002661331411130157066120
\0211033302540522502603201603701031506604145020
\142146325200137024040137055014240170012150326054
\327351157053322311200522337423615151347377210361
\116245151111122226067005352306026215323041231321202

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Open Source Used In Crosswork Zero Touch Provisioning 4.0.0
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 "Certigna Root CA"
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# 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):
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
# Certificate "emSign Root CA - G1"

# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# 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):

# Certificate "emSign Root CA - G1"

# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# 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):

# Certificate "emSign Root CA - G1"

# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# 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):
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 "emSign Root CA - G1"
# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# 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
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
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 "emSign ECC Root CA - G3"
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# 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):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
 CK_TOKEN CK_BBOOL CK_TRUE
 CK_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
 "060100002352721253742511123503553355334611660001102173
31037014033112151215073337321411733531450113303
37022631510725020236202621251670441176022020225004
054243
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
060100002352721253742511123503553355334611660001102173
31037014033112151215073337321411733531450113303
37022631510725020236202621251670441176022020225004
054243
END

CKA_ISSUER MULTILINE_OCTAL
060100002352721253742511123503553355334611660001102173
31037014033112151215073337321411733531450113303
37022631510725020236202621251670441176022020225004
054243
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
060100002352721253742511123503553355334611660001102173
31037014033112151215073337321411733531450113303
37022631510725020236202621251670441176022020225004
054243
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
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043

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\060\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\060\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\020\020\021\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
\11\020\367\150\01\010\13\005\000\006\126\061\13\060\11\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
\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
\011\156\143\061\034\060\032\006\003
\123\151\147\156\040\122\157\157\164
\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
\132\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_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:bac: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):
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"

# Certificate "emSign ECC Root CA - C3"
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# 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):
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 "emSign ECC Root CA - C3"
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# 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):
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\0025
\014\356\110\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\123\263\243\201\356\327\020\370\023\260\035\027\022\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\013\060\013\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\011\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\010\03\103\040

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1600
Certificate "Hongkong Post Root CA 3"

# Certificate "Hongkong Post Root CA 3"

# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# 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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\173\161\266\202\126\270\022\174\234\250

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
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\026\010\026\037\000\001\010\001\022\003\002\000\024\024
\110\026\022\002\000\003\012\000\003\001\002\023\001\000\000\001
\000\000\000\000\000\000\000\000\000\000\000\000\000
\000\000\000\000\000\000\000\000\000\000\000\000\000
\000\000\000\000\000\000\000\000\000\000\000\000\000
\000\000\000\000\000\000\000\000\000\000\000\000\000
\002\024\010\026\010\026\037\000\001\010\001\022\003\002\000\000
\110\010\023\020\001\000\000\000\000\000\000\000\000
\000\000\000\000\000\000

CKA_VALUE MULTILINE_OCTAL
\060\202\005\317\060\202\003\267\240\000\003\012\223\100\337\034\030
\125\064\327\000\341\132\244

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=Hong Kong,ST=Hong Kong,C=HK
# Subject: CN=Hongkong Post Root CA 3,O=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):

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

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\374\237\275\163\060\002\212\375\077\363\130\271\131\040\360

CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\010\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\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\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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\002\061\137\212\114\245\354\000\311\223\100\337\304\306\256\043\270\034\132\244

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_TRUE

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1604
# Certificate "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",O=See www.entrust.net/legal-terms,State=US,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",O=See www.entrust.net/legal-terms,State=US,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):

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\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012

CKA_ISSUER  MULTILINE_OCTAL
\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012\060\012

CKA_ID  UTF8 "0"

END

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1605


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_VALUE MULTILINE_OCTAL
\060\202\006\113\060\202\004\063\240\003\002\001\002\002\021\000
\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\010\133\005\000\060
\201\276\061\013\060\001\110\060\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\203\015\015\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\145\145\145\145\145\145\145\145\145\145\145
\145\162\155
\163\061\071\060\067\060\060\031\125\004\013\023\060\050\050\050\040\040\040
\006\020\060\061\063\040\105\156\164\162\165\163\164\054\040\111\156
\143\030\040\050\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
\060\036\027\015\061\065\060\060\065\062\067\061\061\061\061\066
\132\027\015\063\067\061\062\062\067\061\061\064\061\061\066\132
\060\020\127\060\013\060\001\110\060\003\125\004\006\023\002\125\123
\061\102\060\024\006\003\131\020\040\122\030\105\156\164\162\165
\163\164\054\040\111\116\143\056\061\050\060\046\006\003\125\004
\013\030\023\071\123\145\145\145\145\145\145\145\145\145\162\155
\163\164\056\156\145\145\145\145\145\145\145\145\145\145\145\162
\155\163\066\107\060\067\060\060\031\125\004\013\023\060\050\050\040\031
\006\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\013\056\060\050\040\146\157\162\040\014\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\107
\122\157\157\164\040\103\145\162\164\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\060\040\202\020\042\060\015\006\011\052\026\061\110\206\367\015\001
\001\100\100\050\000\003\023\020\020\170\000\006\020\020\012\020\020
\001\100\000\261\154\054\102\356\342\321\060\377\245\222\017\032\420\055
\303\032\144\227\221\155\312\367\015\256\131\301\263\331\125\010\033
\330\257\204\155\060\160\135\176\363\305\056\322\123\231\341\376\037
\136\331\110\257\135\203\201\133\337\143\063\115\323\000\000\227
\303\043\373\210\006\010\022\417\113\032\025\336\051\126\373\375\304
\117\350\252\342\240\073\171\135\277\153\103\062\335\331\164\020
\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\134\326\176\043
\346\227\154\360\102\345\334\121\113\025\101\355\111\112\313\133
\020\227\326\166\301\357\245\265\066\024\227\065\330\170\042\065

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1606
# Trust for "Entrust Root Certification Authority - G4"
# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",O=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:d9:b5:43:7f:af:fa9:39:0f:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",O=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):
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\124\161\070\116\037\210
END
CKA_ISSUER MULTILINE_OCTAL
\060\020\127\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\011\115\156\143\056\061\050\064\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\060\107\060\067\006\003\125\004\013\023\060\050\143\035
\040\062\060\061\065\040\010\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\040\040\165\163\145\040\157\156\154\171\061\062\060

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1608
# Certificate "Microsoft ECC Root Certificate Authority 2017"

# Issuer: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# 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

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_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
060006000312500400030230051105156164162165163164160
12115711571640400103145162164151146151143141164151
157156040101165164105015016716215116417110400551040107
064
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
0020210003312651031177257251207101700000000000125
145255130
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
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\146\362\075\257\207\033\62\132\61\112\352\014\127\061\001\302\354
END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\131\060\202\001\337\240\003\002\001\002\002\020\146
\362\075\257\207\033\62\132\61\112\352\014\127\061\001\302\354
\012\006\010\052\206\110\316\075\004\003\003\060\145\061\013\060
\011\006\003\125\054\060\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\010
\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\013\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\061\070\062\063\061\066\060\066
\064\132\060\145\061\013\060\011\006\003\125\004\006\023\020\125
\123\006\030\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\013\040\122\157\157\164\103\145\162
\162\151\164\171\040\062\060\061\067\060\066\020\006\007\052
\020\011\10\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\324\274\070\005\020\102\165\101\101\230\043\315\200\004\206\002\121
\057\152\252\020\114\42\013\145\313\436\031\223\035\036\157\112\146\121
\124\003\331\123\352\221\137\266\026\261\124\156\336\174\315\333\171
\124\057\316\273\316\161\105\345\245\253\050\354\143\004\146\231
\370\372\362\233\020\005\341\210\105\102\233\306\150\364\346\033
\120\140\112\11\125\355\171\101\170\313\163\161\366\104\365\001\170
\300\024\124\060\122\060\016\060\031\125\035\017\001\100\137\770\004
\004\003\002\001\206\060\017\060\031\125\035\023\001\001\137\770\004
\005\060\003\001\001\137\770\006\035\066\031\125\035\016\004\206\004
\024\101\313\123\162\160\122\014\370\346\276\262\004\127\051\052
\317\101\202\035\55\065\060\020\006\011\053\006\001\004\001\202\067
\025\001\000\040\003\002\001\000\006\012\060\010\052\206\110\316\075
\004\003\003\003\015\000\006\060\145\002\060\130\362\115\352\014\371
\137\136\356\140\051\133\072\362\333\326\062\204\031\077\174\325
\057\032\261\134\223\256\120\273\011\062\306\036\355\176\311\066
\224\022\344\150\050\066\242\033\205\57\002\061\000\231\151\126
\264\016\372\126\110\324\244\060\026\221\170\333\124\214\145\001
\212\347\120\146\302\061\126\70\172\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_DISTRUST_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
# 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):
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\13\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
\060\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
# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1612

# Not Valid After : Fri Jul 18 23:00:23 2042
# Fingerprint (SHA-256):
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\003\010\014\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\003\010\014\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000\003\012\010\003\000
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177
\015\026
END
CKA_VALUE MULTILINE_OCTAL
\060\020\003\062\027\011\137\330\264\263\107\160\036\252\276\177
\015\026
END
\155\142\114\213\015\133\174\056\104\277\203\020\217\363\123\202
\200\303\117\072\307\015\133\174\343\026\212\014\373\155\204
\177\064\164\255\211\247\316\271\327\327\237\204\144\222\276\225
\241\125\011\112\306\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\052\075
\270\155\303\012\244\002\301\151\205\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\122\223\341\133\114\243\067\166
\115\241\237\370\155\036\035\323\372\354\373\364\105\053\023\155
\317\367\111\345\042\047\162\053\221\221\223\341\114\243\067\166
\134\175\126\273\243\263\370\064\171\121\130\134\036\200\214\136
\246\374\017\273\034\027\013\125\101\131\114\174\275\107\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\102\121
\306\231\177\217\311\326\146\061\104\101\012\202\070\055\014\362\301
\257\064\230\121\144\203\373\023\127\321\301\360\074\172\214\024
\301\375\225\041\240\161\130\122\347\161\102\352\217\120\102\151
\031\144\231\104\312\263\373\254\052\056\160\267\146\304\014\204\357
\345\252\136\233\220\013\170\152\220\233\147\113\262\150\243\265\142
\217\351\077\214\172\073\136\017\347\214\242\270\036\174\357\067\375
\164\342\310\117\063\162\234\122\071\155\275\022\257\276\014\116
\160\174\033\157\215\263\062\223\163\104\265\155\350\364\367\340
\225\002\171\272\163\057\024\446\342\253\336\012\060\207\223\330\115
\000\161\142\015\047\113\072\102\204\133\177\145\267\147\064\122
\052\234\026\153\252\250\033\173\243\102\141\161\307\014\312\076
\033\344\246\357\267\001\106\136\121\243\171\136\151\246\101
\104\017\206\260\054\221\130\075\352\256\017\204
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 "Microsoft RSA Root Certificate Authority 2017"
# Issuer: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid After : Fri Jul 18 23:00:23 2042
# Fingerprint (SHA-256):
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"
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0  1615

# 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

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\0145\061\013\060\011\006\003\0125\004\006\023\002\110\125\061
\021\060\017\060\003\0125\004\007\014\010\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\0125\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\140\016\126\101\124\110\125\055\062\063\065\070\064
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
0601610610130600110060003125004006023002110125061
021060017000003125004007014010102165144141160145
160161401260020600240000312500401201401151511143
16215716311451143040114144056061027060025000003
12500414101401016126010124110125055062063065070064
064071067061036060034006003125004003010425145055
123172151147156157040122157157164040103101040062
0600601067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
002020140001124111035704113752271310151365004012
END
CKA_VALUE MULTILINE_OCTAL
0600202000210006020200013452400030020001002002014001
124101035704137522713101513650040120600120060100052
2061110316075004000302060161010130600110060003125
0040060023002110125062102060070600031250040070114
0101021651441411601451631146406102606024000003125
0040102140101511143162157163145143040114168144
056061027060025006003112500411401041011126101124110
125055062063065070064064070167061036060034006003
12500400310140251450551231721511471561570401221157
157164104010310406206006106706003027015061067
0600706026206106206067060066132027015064026060
070062062061062060670600661320601610610130600111
0060003125004006023002110125061021060017060003125
00400701401010216514414116014516316406102606024
0060003125004001201401511511143162157163145143040
1141681441040560610270600250060031250041140104101
011114110125055062063065070064064071067061036060
03400600312500400301140251450551231721511471561157
04010212215715716404010310104062060061067060131060
0230060070522061103160750020001006010052206110316
03500701000700310200000422633407521233026017310157
3060047276104822061263126025117312610340417503204
1311356143150262030613620733202511003625002202550275
1232423233236072220246140137015062265206101337207
1330541733053761741723322431430610141060017000603
125003502300100113770040050600030010013377060160060
00312503501700100113770040003002001006060035006
003125035016004024004024020702102501031221252301170
0142611257316036131122035727706004300060037006003
# 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:97:59:05:1f: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):
# Fingerprint (SHA1):

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

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\336\037\366\236\204\256\247\264\041\316\036\130\175\321\204\230

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\149\010\012\165\144\141\160\145
\163\164\061\020\060\024\006\003\125\004\012\014\015\115\151\143
\162\157\163\145\143\040\114\146\144\056\061\027\060\025\006\003
\125\004\141\014\116\126\101\124\110\125\055\026\063\057\050\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\013\010\040\062
\060\061\067

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\001\124\110\357\041\375\227\131\015\365\004\012

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):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN Root CA G2"
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\011\061\013\060\061\001\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\120\101\013\103\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\066\055\066
END

CKA_VALUE MULTILINE_OCTAL
\060\020\005\107\060\020\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\026\037\015\001\010\13\005\000\060\101\061\013\060\011\006\003\125\004\012\023\013\103\105\122\124\123\111\107\116\040\120\101\013\103\023\023\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101\040\107\062
END
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 "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
# Not Valid Before: Mon Feb 06 09:27:35 2017
# Not Valid After : Thu Feb 06 09:27:35 2042

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"
# Certificate "Trustwave Global Certification Authority"

# Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# 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):

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\001\11\006\003\125\004\000\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\060\057\006\003\125\004

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\001\11\006\003\125\004\000\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\060\057\006\003\125\004
# Trust for "Trustwave Global Certification Authority"
# Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings, Inc.".,L=Chicago,ST=Illinois,C=US
# 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):

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

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
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL

\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\013\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\151\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):
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\021\060\017\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\061\060\057\006\003\125\004
\003\023\061\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
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0  1627

# 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):
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_TRUE
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
\131\355\102\137
cka_cert_md5_hash MULTILINE_OCTAL \133\104\343\215\135\066\206\046\350\015\005\322\131\247\203\124
cka_issuer MULTILINE_OCTAL \060\021\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\161\060\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
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
# 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  
# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US  
# Not Valid After : Sat Aug 23 19:36:43 2042  
# Fingerprint (SHA-256):  

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_ID UTF8 "0"

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
# 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
# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings, Inc.",,L=Chicago,ST=Illinois,C=US
# Not Valid After : Sat Aug 23 19:36:43 2042
# Fingerprint (SHA-256):
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_ISSUER MULTILINE_OCTAL
\146\042\057\137\046\312\061\057\203\376\172\020\367\203\061\172\227\070\200\276\030\053
\036\062\017\057\006\003\125\004\006\023\002\125\012
\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\060\104\106\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\066\112\146\162\165\163\164\161\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
# Certificate "NAVER Global Root Certification Authority"

# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# 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

# Certificate "NAVER Global Root Certification Authority"

# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# 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

# Certificate "NAVER Global Root Certification Authority"

# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# 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
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 "NAVER Global Root Certification Authority"
# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# 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):

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\000\031\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\060\060\060\125\004\003
\014\051\116\101\126\105\122\040\107\154\151\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
# 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):
\014\017\126\101\112\124\105\123\055\121\062\070\062\066\060\060\064 \\
\112\061\054\060\052\060\060\03\125\054\030\014\043\101\103\040\122 \\
\101\111\132\040\106\116\115\124\055\122\103\115\040\123\015\121 \\
\126\111\014\117\122\051\052\051\006\003\125\104\027\125\107\125 \\
\166\060\02\00\06\07\052\20\61\110\167\055\002\001\006\005\053\021 \\
\004\000\042\030\031\124\000\004\366\027\22\127\123\130\132\253\337\066 \\
\112\122\041\134\142\22\122\020\147\236\060\145\121\30\136\207\307 \\
\107\261\133\162\127\107\23\00\00\02\22\13\04\27\151\133\112\12 \026\126\120\03\01\16\41\35\124\263\146\135\24\064\37\106\054 \\
\111\133\136\106\37\146\152\104\151\104\023\116\37\53\273\155\375\257 \\
\066\115\131\03\115\007\161\117\25\12\05\32\22\42\103\132\012 \\
\122\157\01\03\116\21\02\13\243\102\06\01\00\00\17\00\06\00\31 \025 \\
\035\02\00\10\01\17\77\004\05\06\00\03\00\11\137\06\01\06\00\03 \\
\125\035\17\01\01\17\77\004\04\00\03\00\21\00\06\06\035\06\00 \03 \\
\125\035\01\06\00\04\26\00\04\24\01\12\21\05\73\57\37\27\12\01\20 \06\140\362 \\
\117\320\10\11\15\02\16\33\03\07\34\72\22\15\61\11\10\06\01\20\06\01 \01\052 \\
\20\06\11\13\06\07\00\04\03\00\03\03\15\10\00\00\16\14\00\02\16\01 \00\025 \\
\11\02\34\05\03\10\03\16\04\21\36\22\25\55\26\04\33\36\11\16\04\032 \\
\34\06\13\50\04\1\36\15\31\10\17\33\34\07\34\2\11\17\13\23\10\05\27 \\
\20\11\04\02\40\04\10\46\12\50\71\16\51\12\00\03\31\02\23\22\00\02 \\
\06\10\00\37\21\12\54\140\21\01\16\33\36\35\62\70\23\01\42\25\13\01 \05\3 \\
\30\02\33\12\21\24\61\16\00\10\03\52\26\02\22\41\14\35\11\17\06\34\32\1 \\
\36\31\14\24\24\7\04\37\7\22\30\06\07\1\134\00\00\147\15\02\22\02\162 \\
\277\347 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 "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
# 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):
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\37\7\33\1\23\6\0\0\145\0\15\003\31\6\165\22\3\32\2\355\07\7\055\06 \\
\311\34\3\45\112
# Certificate "GlobalSign Secure Mail Root R45"

# Issuer: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE
# 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

END
# Trust for "GlobalSign Secure Mail Root R45"
# Issuer: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE
# 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):

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_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\012\061\013\060\011\006\003\125\004\006\023\002\102\010\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\066\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
# 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):

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

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END

END


# Certificate "GlobalSign Root R46"

# Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# 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):
# Fingerprint (SHA1):

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
0531147165041
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
3053734306056237364122055052250244272373147062377
END
CKA_ISSUER MULTILINE_OCTAL
0601220601011006003115250406023002102105061
03106002700600311250040102300201071541571421411154
123151147156040156016605511631411061050060046006003
1250040030230371071541571421411541231151147156040
123145143165162145040115141151154040122157157164
040105064065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
0802020166123376252047035225106135326361236345270
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

#
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 "GlobalSign Root R46"
# Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# 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):
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
  \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\010\154\157\142\141\154\023\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\023\151\147\156\040\122\157\157\164\040\122\064\066
CKA_CERT_MD5_HASH MULTILINE_OCTAL
  \304\024\060\344\372\146\103\224\052\152\033\044\137\031\320\035
END
CKA_ISSUER MULTILINE_OCTAL
  \060\106\060\011\013\060\011\006\003\125\004\006\023\002\102\105\061\031\060\027\006\003\125\004\012\023\020\010\154\157\142\141\154\023\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\023\151\147\156\040\122\157\157\164\040\122\064\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
  \020\022\021\322\263\271\043\030\023\026\010\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
# 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):

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\020\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\020\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\222\273\272\063\156\324\274\346\044\150\305\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000\004\234\016\261\317\267\350\136\122\167\165\064
\372\245\106\247\255\062\031\062\264\007\251\047\312\224\273\014
\322\012\020\037\033\022\261\227\014\16\002\023\011\000\216\330\352
\107\352\276\262\220\005\331\153\374\050\015\333\254\274\244\206\067
\355\160\010\000\165\352\223\013\173\056\222\234\043\150\043\006
\010\354\222\057\123\204\333\373\107\024\067\350\137\224\147\135
\311\172\010\040\024\3\120\060\100\060\016\006\003\125\035\017
\001\000\137\77\004\004\003\002\126\060\017\006\003\125\035\023
\001\001\013\77\004\005\060\003\001\013\77\060\035\006\003\125\035
\016\004\026\060\04\246\01\212\220\217\266\306\235\002\104\113\000
\265\242\346\037\372\261\222\117\033\225\060\012\006\010\052\206\110
\316\075\004\003\003\003\150\000\060\145\002\061\000\000\337\124\220
\355\233\357\123\224\002\223\027\022\023\217\263\236\054\366\013
\222\121\14\237\112\024\261\136\144\274\273\150\121\023\014\003\037
\025\213\204\140\277\123\377\122\16\347\214\274\034\002\060\007\4
\371\021\324\214\116\300\301\141\302\255\142\252\253\035\013\061
\137\073\034\342\000\227\104\061\134\367\163\226\057\332\226\032
\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_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GlobalSign Root E46"
# Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# 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):
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\135\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\060\01\013\060\001\100\060\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\017\154\157\142\141\154
\123\151\147\156\040\156\160\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\017\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\013
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"
#
# 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):
# Fingerprint (SHA1):
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 "GLOBALTRUST 2020"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\202\005\202\060\202\003\152\240\003\002\001\002\002\132\113\275\132\373\117\212\133\372\145\345
END
CKA_ID UTF8 "0"
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\230\232\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\003\060\027\006\003\125\004\003\023\020\107
\141\171\102\101\114\124\122\125\123\124\040\062\060\062\060
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\013
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\202\060\202\003\152\240\003\002\001\002\002\013\132
# 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

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

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
# 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):
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\124
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\001\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\171\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):
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
060201040061022006002000060030312500400050230111070066
043062070067065061060061013066011006003125004006
0230020105123061047064005006003125004012023036101
116106040101116516415716215414411444040144145040
1031151621164151146115114311411431151157156061024060
02200600031250040130230131011161060401033101040122
14111517206104206004000603125004030230311011116
106040123145143165162145040123145162166145162040
12211571157164040103101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
060201040061022006002000060030312500400050230111070066
043062070067065061060061013066011006003125004006
0230020105123061047064005006003125004012023036101
116106040101116516415716215414411444040144145040
1031151621164151146115114311411431151157156061024060
02200600031250040130230131011161060401033101040122
14111517206104206004000603125004030230311011116
106040123145143165162145040123145162166145162040
12211571157164040103101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
00220001005135706020200312372400030020011000022010015
3233432741154371115326106001500601110522061110206367
01150011010300500006020120406110220600200060031125
00400502301111070666036207067065061060061013060
011100600312500406003002105123061047060045006003
1250040120230361011116106040101165164157162154144
1411144404014414504010314516216415111411143
15111571560610240600220600603125004013023013101116
10604010311011161060401023145143165162145040123
145116216614516204012214517516404010310060036027
1501506107106007101060064061106006006060370132207015
0630711060070630600611060060060063070132060201204
061122060020006003125004005023011107066603602070
06706506106006110306001100600312500400623002105
1230610470600450060031250040120230361011116106040
101116516415716215114411444040144145040103145162
```
\207\031\075\054\146\211\135\015\102\374\314\360\0165\205\077\213
\364\200\135\011\135\027\147\275\065\202\342\362\074\216\175\133
\068\031\132\200\000\000\051\036\232\161\053\040\361\217\252\155\005\223
\154\162\307\126\033\337\120\043\050\034\51\050\209\075\350\147\243
\257\016\125\017\220\011\114\235\71\131\112\243\366\123\361\300\065
\344\057\301\044\275\171\037\116\040\042\073\375\032\040\260\244
\016\054\160\055\114\077\270\023\125\006\121\130\350\207\046\312
\244\133\152\026\041\222\335\163\140\236\020\030\336\074\201\1352
\350\030\030\174\211\362\213\120\076\275\021\342\025\003\250\066
\175\063\001\114\110\025\327\210\220\231\004\305\314\346\007\364
\274\364\220\355\023\342\352\213\330\172\243\063\017\301\015\111\14
\023\16\332\251\26\161\163\162\202\120\366\232\230\063\174\242\261
\250\032\064\161\4\145\134\316\321\353\123\340\032\200\330\352
\072\11\344\040\060\023\334\345\034\212\250\251\025\062\206\062\211\222
\012\020\043\126\022\340\366\016\143\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\222\131\111\130\333\350\376\170\021
\177\11\334\024\171\140\266\153\134\000\333\025\203\344\227\26
\366\043\227\120\360\011\063\066\247\161\122\045\363\271\102\175
\333\30\070\077\054\130\254\350\102\341\016\330\323\073\114\056\202
\351\03\056\153\061\313\135\307\206\117\155\227\222\105\117\342
\050\161\065\020\321\136\163\376\045\053\007\070\044\143\047\310
\370\033\311\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\070\352\131\334\243\210\065\357\234\166
\062\074\115\006\042\316\025\345\335\236\300\217\332\336\322\304
\071\135\045\027\201\137\070\107\353\177\210\155\131\033\373\237\102
\024\256\176\173\175\026\014\145\332\067\257\237\252\075\352\050
\266\336\325\056\113\002\602\202\133\352\273\031\165\002\163\032\312
\110\032\041\123\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 DISTRUST AFTER CK_BBOOL CK_FALSE
CKA_NSS EMAIL DISTRUST 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):
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\067\065\061\011\006\003\125\004\006
\023\021\105\123\061\047\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\060\040\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
# 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):
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

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1656
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
CKA_VALUE MULTILINE_OCTAL

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0  1657
# Trust for "Certum EC-384 CA"
# Issuer: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# 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):

CKA_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_TRUE
CKA_LABEL UTF8 "Certum EC-384 CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\306\270\157\274\274\227\227\264\226\137\141\226\251\221\231\056\223\245\230\255\251\343\127\151\126\127\237\246
\267\124\251\126\201\233\254\125\135\213\253\232\226\207\145\226
\056\162\204\55\057\177\333\303\023\311

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\206\232\125\241\127\129\221\217\222\244\203\157\154\156\127\125\156\227\163\155\163\153\213\156\133\150\116
\123\151\148\251\174\142\122\211\245\116\201\146\136\141\246\230\253\244\254\127\156\143\157

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\010\163\163\145\143\157
\040\014\111\164\141\140\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
### Certificate "Certum Trusted Root CA"

#### Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL


#### 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):

```
```

#### Fingerprint (SHA1):

```
```

### CA млн Certificate "Certum Trusted Root CA"

#### Subject MULTILINE_OCTAL

```
\163\364
```

### CA млн Token CK_TRUE

### CA млн Private CK_TRUE

### CA млн Modifiable CK_TRUE

### CA млн Label UTF8 "Certum Trusted Root CA"

### CA млн Certificate_Type CK_CERTIFICATE_Type CKC_X_509

### CA млн Subject MULTILINE_OCTAL

```
\163\364
```

### CA млн Issuer MULTILINE_OCTAL

```
\163\364
```

### CA млн Subject MULTILINE_OCTAL

```
\163\364
```

### CA млн Issuer MULTILINE_OCTAL

```
\163\364
```
# Trust for "Certum Trusted Root CA"
# Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# 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):
# Fingerprint (SHA1):

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
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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
# 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):
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\161\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\161\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
\060\202\005\263\060\202\003\233\240\003\002\001\002\002\024\023
\002\235\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
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0
Open Source Used in Crosswork Zero Touch Provisioning 4.0.0 1665

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\037\123\175\361\365\244\310\323\206\076\241\163\131\264\367\104
\041\060\017\006\003\125\035\023\000\011\377\004\005\060\000\03001
\001\377\006\009\006\003\125\035\043\004\030\060\026\200\024\0006
\232\233\037\123\175\361\365\244\310\323\206\076\241\163\131\264
\367\014\040\060\016\066\006\03\125\035\017\001\001\377\004\004\0003
\002\000\006\060\001\150\006\011\105\206\110\206\367\015\000\010\013
\005\000\000\03\200\020\002\010\000\252\005\156\266\335\025\311\277\263
\306\040\366\006\010\260\206\223\045\323\215\271\131\000\000\772\227
\365\212\047\210\161\111\164\375\353\312\144\333\333\357\063\135
\272\277\321\353\356\134\151\272\026\310\363\271\173\323\066\056
\100\111\007\015\131\131\363\213\020\26\111\110\054\323\377\221\077\113
\267\335\002\216\370\210\050\134\143\334\155\257\137\024\234\175
\130\170\015\366\200\011\271\351\101\162\277\051\031\127\026\73\353\370
\026\313\125\022\344\306\175\273\330\345\343\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\340\233\062\223\303\124\223\304\034\010\303\104\373
\173\43\021\103\322\111\152\032\141\115\151\220\117\051\126\107
\005\301\022\151\151\326\306\066\061\134\137\372\200\272\134\117
\304\353\267\062\225\340\370\165\141\027\32\370\200\131\271\361\222\11
\357\172\102\235\133\132\013\324\306\225\116\052\236\167\377\007\327
\117\176\030\000\021\036\031\026\365\333\203\230\273\256\116\130\040\343\47
\164\113\130\365\014\211\317\213\037\165\223\032\004\024\222\110
\120\251\353\127\051\000\026\343\306\063\134\133\370\277\366\063\332
\101\017\034\314\074\335\351\106\103\001\221\020\053\036\031\221\727
\135\153\062\020\132\121\172\040\067\327\024\304\102\334\204\026
\233\045\155\350\264\125\161\117\266\017\142\323\161\111\271\317
\222\244\004\077\334\075\224\270\257\063\236\012\060\140\216\333
\235\135\224\250\275\150\140\347\142\200\166\201\023\014\214\314\060
\106\111\134\201\342\221\250\257\353\141\116\357\347\042\142\251\367
\134\144\145\237\026\214\147\066\047\105\356\011\173\277\366\020
\012\361\126\015\214\032\124\004\027\212\243\077\357\342\065\307\371
\166\340\157\064\010\132\277\163\145\127\040\371\233\147\172\046
\150\044\116\200\145\275\020\231\066\131\362\145\257\270\306\107
\273\375\220\170\213\101\136\056\257\125\037\334\073\222\162\156
\204\323\320\141\114\015\314\166\127\342\055\205\042\250\066\015
\353\001\235\353\330\353\304\024\213\373\300\014\314\062\350\0343
\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_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "TunTrust Root CA"
# Issuer: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
# Subject: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
```
# Certificate "HARICA TLS RSA Root CA 2021"

# Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# 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
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\13\060\01\250\004\006\023\002\107\12\061
\06\06\06\05\06\03\125\004\012\014\05\10\145\154\154\145\165
\15\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\12\21\145\163\143\141\162\143\150\040\11\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\040\060\042\006\003\125\004
\00\30\140\03\11\01\11\10\13\101\140\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
\06\06\06\05\06\03\125\004\012\014\05\10\145\154\154\145\165
\15\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\12\21\145\163\143\141\162\143\150\040\11\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\040\060\042\006\003\125\004
\00\30\140\03\11\01\11\10\13\101\140\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
\00\20\07\312\22\30\34\357\103\36\306\216\22\30736\14\1211
\070\176
END
CKA_VALUE MULTILINE_OCTAL
\06\02\02\00\24\06\02\02\03\214\24\00\3\02\00\1\002\00\2\002\01
\312\22\23\03\3571\103\36\306\216\22\30736\14\1211
\015\006\01\10\02\06\03\150\01\10\13\05\00\060\154
\061\01\3\06\00\11\06\03\125\004\006\023\002\107\12\061\067\060
\065\006\03\125\004\012\014\05\10\145\154\154\145\165
\15\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\12\21\145\163\143\141\162\143\150\040\11\156\163\164\151\164\165
\157\156\163\040\103\101\061\040\060\042\006\003\125\004\003\014
\03\101\101\12\11\11\103\101\040\124\114\123\040\122\123\101\040
\12\21\157\157\164\040\103\101\040\062\060\062\061\060\03\027\015
\062\06\06\06\06\06\17\10\161\060\06\065\06\065\06\063\070\132\027\015\064
\056\06\06\06\06\06\06\06\06\06\06\06\06\132\026\015\013
\060\01\100\00\03\125\004\006\023\002\107\12\061\067\060\065\006
\003\125\004\012\014\05\10\145\154\154\145\165\151\143\040\101
\14\13\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145
\141\162\143\150\040\11\156\163\164\151\164\165\157\156
\163\040\103\101\061\040\060\042\006\003\125\004\003\014\033\110
\101\12\11\11\103\101\040\124\114\123\040\122\123\101\040
\157\164\040\103\101\040\062\060\062\061\060\02\002\04\02\060\015
\006\01\152\02\06\10\206\367\150\01\001\001\005\000\003\202\002
\321\315\262\353\054\223\204\223\232\207\321\317\212\221\200\204\203\212\222\217
\204\202\222\323\232\203\223\217\210\211\170\212\117\200\222\4\101\232\217
\224\175\142\206\60\054\115\354\037\063\266\176\167\155\176\120\360
\237\016\322\201\217\317\030\305\343\047\376\046\357\005\235\317
\317\067\305\320\217\332\073\260\026\204\014\072\222\323\262\276\027
\333\310\070\6\160\031\2\207\251\002\216\042\1\113\367\067\166
\272\165\304\205\003\321\214\325\261\165\005\302\227\127\252\224\255
\214\025\231\247\223\175\356\305\363\252\214\164\3\170\004\205\224\230
\003\364\342\371\313\12\044\145\277\340\142\225\37\310\305\372\262\311
\236\126\110\332\171\137\226\166\025\276\024\2\161\260\230\263\064
\237\242\276\107\064\011\264\250\257\374\252\60\003\341\210\260\002\062\213
\013\2\251\002\260\023\213\200\047\201\2\226\254\051\222\067\072\042\121\253
\321\213\263\363\053\063\007\124\020\073\212\264\250\223\173\272\123
\020\200\011\235\361\01\000\117\356\341\072\232\241\130\040\020\372\002
\127\246\357\030\011\267\220\106\234\031\051\214\334\157\240\112
\151\151\224\246\044\145\240\377\254\077\316\001\137\304\105\563\075
\150\037\233\362\245\317\061\070\134\025\252\236\462\227\000\030\133\37
\132\245\247\071\252\351\204\177\074\121\1\250\072\331\224\133\324
\277\117\010\116\345\333\250\134\324\322\226\376\000\243\306\026
\307\017\350\200\316\034\050\144\164\031\010\32\102\34\33\36\000
\135\171\261\034\023\260\34\005\313\321\040\252\206\164\236\071
\037\221\357\077\10\263\367\255\246\057\003\013\155\343\127\124
\353\166\123\030\215\021\230\0272
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 "HARICA TLS RSA Root CA 2021"
# Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# 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):
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\204\014\006\171\133\36\177\024\020\351\105\237\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
# Certificate "HARICA TLS ECC Root CA 2021"
#
# Issuer: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# 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):

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"

### 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\101\145\154\154\155\156
\151\143\040\011\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\11\156\163\164\151\164\165
\164\151\157\156\163\040\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_ISSUER_MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061

# 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
# Subject: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:01:09 2021
# Not Valid After: Mon Feb 13 11:01:09 2045
# Fingerprint (SHA-256):

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"

CERT_SHA1_HASH MULTILINE_OCTAL

CERT_MD5_HASH MULTILINE_OCTAL

CERT_ISSUER_OCTAL

CERT_SERIAL_NUMBER_OCTAL

CERT_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CERT_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CERT_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CERT_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
# 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):
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\001\110\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\033\033\044\054\236\273\226\030\315\002
\050\076
END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\252\020\03\222\240\003\002\001\102\002\020\125
\122\370\036\033\033\044\054\236\273\226\030\315\002\050\076
\051\020\110\052\020\110\020\063\067\015\001\101\013\005\000\060\015
\061\013\060\001\110\060\03\125\004\006\023\002\107\122\061\076\060
\056\000\03\125\004\012\104\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
END

# 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
# 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):

CKA_NSS_MOZILLA_CA_POLICY CKBBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CKBBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CKBBOOL CK_FALSE
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\135\333\330\035
END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\117\122\061
\067\060\065\000\003\125\004\012\140\056\110\145\154\145\156
\151\143\040\114\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\010\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\010\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\025\122\370\036\333\033\044\054\236\273\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
# 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):
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
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1677

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\001\11\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\010\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\010\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\034\020
\175\360
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\132\060\202\001\134\124\003\002\000\100\002\002\020\061
\150\331\330\341\142\127\036\322\031\104\210\034\020
\175\360
END

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# 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
# 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):

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\132\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|302|252|244|322|143|244|104

END

CKA_ISSUER MULTILINE_OCTAL
\060\157\061\023|130\039|150\023|125\004|006|023|002|107\122\061\067\060\065|006\003|125\004|012|140\056|110|145|154|154|145|156\151|143\040|101|143|141|144|145|155|151|143|040|141|156|144|040
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0  1679
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0

# 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):

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
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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
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):
C_A_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
C_A_TOKEN CK_BBOOL CK_TRUE
C_A_PRIVATE CK_BBOOL CK_FALSE
C_A_MODIFIABLE CK_BBOOL CK_FALSE
C_A_LABEL UTF8 "vTrus ECC Root CA"
C_A_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
C_A_SUBJECT MULTILINE_OCTAL

C_A_ID UTF8 "0"
C_A_ISSUER_MULTILINE_OCTAL

C_A_SERIAL_NUMBER MULTILINE_OCTAL

C_A_VALUE MULTILINE_OCTAL

...
# Trust for "vTrus ECC Root CA"
# Issuer: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN
# 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):
\366\234\333\260\374\366\002\023\266\122\062\246\243\221\077\026
\000\000\000\371\115\373\064\150\332\011\255\041\000
\030\224\316
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

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
Certificate "vTrus Root CA"

# Issuer: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.".,C=CN
# 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

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\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_ISSUER MULTILINE_OCTAL
\060\107\060\011\013\060\001\1\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
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002024A103343161I0233202631310224135267316214375065
3752157274005215\105

END

CKA_VALUE MULTILINE_OCTAL
06020290035\126060202200307624000302001002002024013
334316102332063131024135267316214375065375157274
005215105060101500610110522061102063670150010011013
00500060610306101306011006003125004060023002103
116061034906003206060031250040120230231511024162165
1631103150115115611410401031157056054114164144056061
026060024006003125004003023015166124162165163040
1221517164040103101060036027015061070060067063
0616060670620640606065131202711506406306067063061
0600670620640606051320601030610110360011006003125
004006020602010311060103406003206003125004012023
023151124162165163103115015115611410401031157056054
1141641440560610260600204006003125004003023015166
1241621651630401221517164040103101060202002042
060015000601105220611020636715001001001005000003
20200020100060020200201100200200200010000275125174
14113232700350041420052402561542671602641011352113
0031360200772201320342130732601462131154110246034
04227232510022235606326204313311261274130332213
236323031362057131306124143132272372343013260263
24132413272021270022351014273317156154200207051024
0030540125044232310114420312651152254023050463361237
33490541410740320771601252332550001212177317004271
3769066372234300026256142376226114103176125024276
032126332215530225716614622515305260224167205136
00904017142903514316536715334731333232160354076147
005356037600701020031705033300530602040750260175
360047336377346176063110347013036130321047053123
016127112145322737332422001403741142740651230011152
2217126202573610351603502343635357136302154307107
176113222420504611150732723531143502600113021459302
235225501123311626522700502543650062403676066005176
235422620513530426377114435235103222101301152500355
0473113324347326327125320242220047075052350174220
357274117379342012044247336145044244135352300166
06003233116712037001500402332240660011633120061130246
3232073334372004106023125520131104107270121071032
056350064342171313131112012177274246357037003147
1521215053045142233311230114607404714205112061115
12441533563773324116227232526434216110132000031011
036100533131622126126367353351071117366157004103232

Open Source Used In Crosswork Zero Touch Provisioning 4.0.0  1868
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for “vTrus Root CA”
# Issuer: CN=vTrus Root CA,O=iTrusChina Co.,Ltd.,C=CN
# 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):
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\13\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
# 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):
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\060\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\060\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\020\002\033\060\202\001\241\124\000\03\002\001\002\000\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\103\060
\011\006\031\255\004\006\023\002\125\123\061\051\060\047\006\003
\125\004\012\023\040\111\156\164\145\162\156\145\162\156\145\162\156
\143\165\162\151\164\171\040\122\145\163\145\141\162\143\150\040
\167\012\161\165\165\160\061\025\060\023\060\003\125\004\003\023\014
\111\123\122\107\040\122\157\157\164\040\130\006\020\060\036\027\015
\062\060\060\060\071\060\064\060\060\060\060\060\060\060\132\027\015\064
\060\060\060\071\060\067\061\060\060\060\060\060\060\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\162\156\145\162\156
\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\060\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
# Trust for "ISRG Root X2"

# Issuer: CN=ISRG Root X2,O=Internet Security Research Group,C=US
# 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):

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"

END

CKA_ISSUER MULTILINE_OCTAL
\73\132\213\024\333\342\016\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\237\015\330\012\152\215\216\346\000\167\373\002\212\115
\042\330\012\126\232\133\216\377\360\372\210\135\40\071\133\41\165\312
\150\007\014\037\352\243\102\060\100\060\016\006\003\125\035\017
\001\010\377\004\004\003\002\001\006\060\017\006\003\125\035\023
\001\010\013\77\004\005\060\003\001\001\037\077\060\035\006\003\125\035
\016\004\026\060\042\024\174\102\226\256\336\113\110\073\372\222\370
\123\214\131\155\123\125\116\207\226\050\012\006\010\052\206\110
\316\075\004\003\003\003\150\000\145\002\206\017\171\116\106
\120\204\302\104\207\106\033\105\160\377\130\231\136\364\375\244
\322\125\246\040\055\164\326\060\242\74\101\243\120\137\000\104\71\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\130\253\362\347

END
# Certificate "HiPKI Root CA - G1"

# Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd." ,C=TW
# 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):

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"

END

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\013\060\001\010\010\003\125\004\000\023\002\124\127\061
\043\060\041\006\003\125\004\012\145\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\141\141\140\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\177\013\060\001\010\010\003\125\004\000\023\002\124\127\061
\043\060\041\006\003\125\004\012\145\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\141\141\140\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\101\322\235\321\162\352\356\247\200\301\054\154\351\057
\207
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
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 "HiPKI Root CA - G1"
# Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.".C=TW
# 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):
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"

END

# Certificate "GlobalSign ECC Root CA - R4"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# 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):
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\020\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\051\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\102\03\12\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\020\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\051\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\102\03\12\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\120\240\003\002\001\002\002\015\002
\003\345\176\365\077\223\375\245\011\041\262\246\000\012\006\010
\052\206\110\316\075\004\003\002\060\120\061\044\006\004\200\006
\125\004\013\023\033\117\154\157\142\141\154\123\151\147\156\040
\105\103\010\040\012\12\157\157\164\040\010\010\040\005\055\040\122\064
\061\102\03\12\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\134\060\202\001\120\240\003\002\001\002\002\015\002
\003\345\176\365\077\223\375\245\011\041\262\246\000\012\006\010
\052\206\110\316\075\004\003\002\060\120\061\044\006\004\200\006
\125\004\013\023\033\117\154\157\142\141\154\123\151\147\156\040
\105\103\010\040\012\12\157\157\164\040\010\010\040\005\055\040\122\064
\061\102\03\12\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_VALUE MULTILINE_OCTAL
\060\202\001\134\060\202\001\120\240\003\002\001\002\002\015\002
\003\345\176\365\077\223\375\245\011\041\262\246
END
# Trust for "GlobalSign ECC Root CA - R4"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# 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
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_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
# 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):
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\101\013\060\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023\031\117\157\147\154\145\140\145\141\143\141\143\145\142\162\166\151\143\143\145\163\140\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\164\040\122\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\101\013\060\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023\031\117\157\147\154\145\140\145\141\143\141\143\145\142\162\166\151\143\143\145\163\140\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\164\040\122\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\223\157\061\126\023\111\210\153\242\027
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\127\060\020\003\077\240\003\002\001\002\002\015\002\003\345\223\157\061\126\023\111\210\153\242\027\060\015\006\011\052\026\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\001\020\123\031\107\157\147\154\145\140\145\141\143\141\143\145\142\162\166\151\143\143\145\163\140\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

Open Source Used in Crosswork Zero Touch Provisioning 4.0.0 1697
Open Source Used In Crosswork Zero Touch Provisioning 4.0.0

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 "GTS Root R1"
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# 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):
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\13\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\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):
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
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\13\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\13\060\011\006\003\125\004\006\023\002\125\123\061
# 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):
# Fingerprint (SHA1):

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"

END

# Certificate "GTS Root R3"
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# 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

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"

END

# Certificate "GTS Root R3"
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# 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

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"

END
# Fingerprint (SHA-256):

# Fingerprint (SHA1):

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\103\060\011\006\003\125\004\006\023\002\125\123\061
\042\040\000\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_ID UTF8 "0"
CKA_ISSUER_MULTILINE_OCTAL
\060\107\061\103\060\011\006\003\125\004\006\023\002\125\123\061
\042\040\000\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\106\020\202\001\126\240\003\002\001\006\002\015\002
\003\345\270\202\235\040\370\045\047\155\075\146\060\012\006\010
\052\206\110\103\167\075\004\003\003\060\010\061\013\060\001\010\060\003
\125\004\006\023\002\125\123\061\042\060\004\000\003\125\004\012
\023\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123
\145\162\166\165\111\143\145\163\040\114\141\03\061\024\060\022\006
\003\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122\063
\063\060\036\027\015\061\106\060\060\060\060\060\060\060\060
\061\012\027\015\063\060\060\060\060\060\060\060\060\060\060
\132\060\017\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\012\027\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\060\060\060\060
\052\206\110\103\167\075\002\001\006\005\053\201\004\000\004\020\033\014
\000\004\037\117\063\207\063\051\121\24\120\336\313\307\041\130
\101\121\135\212\235\035\113\205\060\035\140\47\274\177\046\121
\162\157\342\237\326\243\312\134\105\024\106\213\255\357\176\026
\214\354\261\176\057\377\251\161\235\030\024\105\004\101\112\515
\053\352\046\177\273\220\001\034\311\030\127\234\44\124\226\105\011
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 "GTS Root R3"
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# 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):

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
\355\345\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\060\003\125\004\012\230\031\107\157\157\147\154\145
\040\124\161\162\163\164\040\123\145\162\161\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:e5:06: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):
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\001\006\000\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114\030\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\001\006\000\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114\030\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\020\002\001\011\060\020\020\001\121\162\240\003\003\002\001\000\002\002\015\002\003\345\300\150\357\143\032\234\162\220\120\122\060\012\006\010
\052\206\110\136\167\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\040\12
\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\030\061\024\060\022\006
# Trust for "GTS Root R4"
# Issuer: 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

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
1.184 springfox-spring-web 3.0.0
1.184.1 Available under license:

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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/scanners/ApiDescriptionLookup.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/ApiSelectorBuilder.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/operation/OperationDeprecatedReader.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/operation/OperationCachingEquivalence.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/operation/OperationModelsProvider.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/operation/DefaultOperationReader.java

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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/CombinedRequestHandler.java
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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/scanners/ComparisonCondition.java
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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/SpringfoxWebConfiguration.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/readers/operation/ResponseMessagesReader.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/readers/parameter/ParameterDataTypeReader.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/scanners/MediaTypeReader.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/readers/operation/HandlerMethodResolver.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/readers/parameter/ParameterNameReader.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/scanners/ApiListingReferenceScanner.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/plugins/DuplicateGroupsDetector.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/DescriptionResolver.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/readers/parameter/ModelAttributeField.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/readers/operation/ApiOperationReader.java

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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/readers/parameter/ParameterNameReader.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/scanners/ApiListingReferenceScanner.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/plugins/DuplicateGroupsDetector.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/DescriptionResolver.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/readers/parameter/ModelAttributeField.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources.jar/springfox/documentation/spring/web/readers/operation/ApiOperationReader.java
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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/scanners/ResourceGroups.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/parameter/ExpansionContext.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/parameter/ModelAttributeParameterMetadataAccessor.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/DefaultRequestHandlerCombiner.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/parameter/ModelAttributeParameterMetadataAccessor.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/JacksonSerializerConvention.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/parameter/ParameterTypeDeterminer.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/PathAndParametersEquivalence.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/ResolvedMethodParameterEquivalence.java
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1.185 lombok 1.18.22

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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/experimental/PackagePrivate.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/eclipse/DeferUntilPostDiet.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/eclipse/agent/PatchExtensionMethodCompletionProposalPortal.java
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  * /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/java8/CommentCollectingTokenizer.java
  * /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleJacksonized.java
  * /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/eclipse/JbdsLocationProvider.java
  * /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleNonNull.java
  * /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/eclipse/RhdsLocationProvider.java

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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/OsUtils.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/eclipse/EclipseProductLocationProvider.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/IdeLocation.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/TestBase.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/TestEclipse.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/TestJavac.java
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*/opt/cola/permissions/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/runtimeDependencies/package-info.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleHelper.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/handlers/singulars/JavacSingularsRecipes.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/singulars/EclipseGuavaTableSingularizer.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/handlers/singulars/JavacJavaUtilMapSingularizer.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/handlers/singulars/JavacJavaUtilListSetSingularizer.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleUtilityClass.java
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jar/lombok/installer/eclipse/MyEclipseLocationProvider.java
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jar/lombok/delombok/PrettyPrinter.java

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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/TreeMirrorMaker.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleDelegate.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleConstructor.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleLog.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/bytecode/PostCompilerApp.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/launch/PatchFixesHider.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleLog.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/bytecode/SneakyThrowsRemover.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/bytecode/PreventNullAnalysisRemover.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/Cleanup.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/experimental/package-info.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/SneakyThrows.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/InstallerGUI.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/Lombok.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/package-info.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/Data.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/eclipse/EclipseProductLocation.java
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jar/lombok/javac/handlers/singulars/JavacJavaUtilSingularizer.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-
jar/lombok/javac/handlers/singulars/JavacJavaUtilListSetSingularizer.java

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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/ImportList.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/NoArgsConstructor.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/extern/log4j/Log4j.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/experimental/Delegate.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/experimental/var.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/Delegate.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/AllArgsConstructor.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/extern/apachecommons/CommonsLog.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/RequiredArgsConstructor.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleFieldNameConstants.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleFieldNameConstants.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/configuration/SingleConfigurationSource.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationSource.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/configuration/BubblingConfigurationResolver.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/apt/Javac7BaseFileObjectWrapper.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/apt/InterceptingJavaFileObject.java

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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/experimental/Accessors.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/Value.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/experimental/FieldDefaults.java

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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/java6/CommentCollectingScanner.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/eclipse/STS4LocationProvider.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/eclipse/AngularIDELocationProvider.java

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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/CorruptedIdeLocationException.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/runtimeDependencies/RuntimeDependencyInfo.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/installer/package-info.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok/installer/package-info.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok/eclipse/agent/package-info.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/AlreadyHandledAnnotations.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/javac/apt/Javac9JavaFileObjectWrapper.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources.jar/lombok/javac/Javac6BasedLombokOptions.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources.jar/lombok/delombok/FormatPreferenceScanner.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources.jar/lombok/core/configuration/ConfigurationValueParser.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/experimental/Helper.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/GuavaTypeMap.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/configuration/CallSuperType.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/handlers/Singulars.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/FieldAugment.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/launch/Agent.java
* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/configuration/ExampleValueString.java
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* /opt/cola/permits/1221016694_1635406611.86/0/lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationFile.java
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  jar/lombok/launch/AnnotationProcessor.java
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1.186 alpine-keys 2.4-r1

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1.192 contextlib2 21.6.0

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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DOCUMENTATION ROADMAP
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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:
libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or
more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.
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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that
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REFERENCES
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We highly recommend reading one or more of these references before trying to
understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...


The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG
currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at
ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from
ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS
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The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of
general information about JPEG. It is updated constantly and therefore is
not included in this distribution. The FAQ is posted every two weeks to
Usenet newsgroups comp.graphics.misc, news.answers, and other groups.
It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/
and other news.answers archive sites, including the official news.answers
If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu
with body
send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE
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Numerous viewing and image manipulation programs now support JPEG. (Quite a
few of them use this library to do so.) The JPEG FAQ described above lists
some of the more popular free and shareware viewers, and tells where to
obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free
PBMPLUS software, which provides many useful operations on PPM-format image
files. In particular, it can convert PPM images to and from a wide range of
other formats, thus making cjpeg/djpeg considerably more useful. The latest
version is distributed by the NetPBM group, and is available from numerous
sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/.
Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is;
you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford,
is available from ftp://havefun.stanford.edu/pub/jpeg/. This program
is designed for research and experimentation rather than production use;
it is slower, harder to use, and less portable than the IJG code, but it
is easier to read and modify. Also, the PVRG code supports lossless JPEG,
which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS
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Some JPEG programs produce files that are not compatible with our library.
The root of the problem is that the ISO JPEG committee failed to specify a
concrete file format. Some vendors "filled in the blanks" on their own,
creating proprietary formats that no one else could read. (For example, none
of the early commercial JPEG implementations for the Macintosh were able to
exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format
has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.
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* https://github.com/eclipse-ee4j/jaf

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1.197 go-systemd 22.3.2

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1.203 busybox 1.34.1-r5

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**1.205 urllib3 1.26.6**

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/**
* Strategy interface for translating between {link SQLException SQLExceptions} and Spring's data access strategy-agnostic {link DataAccessException} hierarchy.
*
* 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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* Close this LobCreator session and free its temporarily created BLOBs and CLOBs.
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* but might be necessary to free database resources if using proprietary means.
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* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/support/incrementer/Db2LuwMaxValueIncrementer.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/support/SQLExceptionCodes.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/metadata/TableParameterMetaData.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/metadata/CallMetaDataProvider.java
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* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/support/AbstractInterruptibleBatchPreparedStatementSetter.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/object/SqlCall.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/datasource/embedded/OutputStreamFactory.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/InvalidResultSetAccessException.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/RowCountCallbackHandler.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/support/incrementer/HsqlSequenceMaxValueIncrementer.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/SqlTypeValue.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/support/JdbcDaoSupport.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/datasource/ConnectionHolder.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/object/MappingSqlQueryWithParameters.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/SqlInOutParameter.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/support/incrementer/Db2MainframeMaxValueIncrementer.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/ArgumentPreparedStatementSetter.java
The classes in this package make JDBC easier to use and reduce the likelihood of common errors. In particular, they:

- Simplify error handling, avoiding the need for try/catch/finally blocks in application code.
- 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>

* This package and related packages are discussed in Chapter 9 of Expert One-On-One J2EE Design and Development <a href="https://www.amazon.com/exec/obidos/tg/detail/-/0764543857/">by Rod Johnson (Wrox, 2002).
*/

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* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/package-info.java
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* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/object/StoredProcedure.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/metadata/GenericTableMetaDataProvider.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/datasource/init/ScriptUtils.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/core/simple/AbstractJdbcInsert.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-jar/org/springframework/jdbc/datasource/init/ScriptException.java

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* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources.jar/org/springframework/jdbc/support/incrementer/SqlServerMaxValueIncrementer.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources.jar/org/springframework/jdbc/support/rowset/SqlRowSetMetaData.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources.jar/org/springframework/jdbc/support/incrementer/HsqlMaxValueIncrementer.java

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* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources.jar/org/springframework/jdbc/datasource/EmbeddedDatabase.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources.jar/org/springframework/jdbc/init/ScriptStatementFailedException.java

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jar/org/springframework/jdbc/core/metadata/CallMetaDataProviderFactory.java
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jar/org/springframework/jdbc/support/DatabaseMetaDataCallback.java
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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)
 */
Found in path(s):
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-
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  jar/org/springframework/jdbc/support/xml/SqlXmlFeatureNotImplementedException.java
* /opt/cola/permits/1298106483_1648763973.4/0/spring-jdbc-5-3-18-sources-
1.212 py3-contextlib 21.6.0-r1

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A. HISTORY OF THE SOFTWARE

contextlib2 is a derivative of the contextlib module distributed by the PSF as part of the Python standard library. According, it is itself redistributed under the PSF license (reproduced in full below). As the contextlib module was added only in Python 2.5, the licenses for earlier Python versions are not applicable and have not been included.

Python was created in the early 1990s by Guido van Rossum at Stichting
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Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases that included the contextlib module.

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1.213 servlet-api 4.0.0

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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
* /opt/cola/permits/1320304756_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/ServletURIPool.java
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* /opt/cola/permits/1320304756_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/HttpServletConverter.java
* /opt/cola/permits/1320304756_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/HttpServletUtil.java
* /opt/cola/permits/1320304756_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/HttpService.java
* /opt/cola/permits/1320304756_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/HttpServletOuterImpl.java
* /opt/cola/permits/1320304756_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/HttpServletOuterImpl2.java
* /opt/cola/permits/1320304756_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/HttpServletOuterImpl3.java
* /opt/cola/permits/1320304756_1651519748.12/0/servlet-api-4-0-0-sources-4-jar/org/xipki/http/servlet/HttpServletOuterImpl4.java
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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
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* /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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1.214 brotli 1.0.9-r5

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1.215 prometheus-procfs 0.7.3

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/**
 * Defragment one member of the cluster by its endpoint.
 *
 * After compacting the keyspace, the backend database may exhibit internal
 * fragmentation. Any internal fragmentation is space that is free to use
 * by the backend but still consumes storage space. The process of
 * defragmentation releases this storage space back to the file system.
 * Defragmentation is issued on a per-member so that cluster-wide latency
 * spikes may be avoided.
 *
 * Defragment is an expensive operation. User should avoid defragmenting
 * multiple members at the same time.
 * To defragment multiple members in the cluster, user need to call defragment
 * multiple times with different endpoints.
 *
 * @param target the etcd server endpoint.
 * @return the response result
 */
1.217 jetcd-common 0.7.1

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* /opt/cola/permits/1346399391_1655448715.7831614/0/jetcd-common-0-7-1-sources-jar/io/etcd/jetcd/common/exception/ClosedSnapshotException.java
* /opt/cola/permits/1346399391_1655448715.7831614/0/jetcd-common-0-7-1-sources-jar/io/etcd/jetcd/common/exception/EtcdExceptionFactory.java
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* /opt/cola/permits/1346399391_1655448715.7831614/0/jetcd-common-0-7-1-sources-jar/io/etcd/jetcd/common/exception/ClosedKeepAliveListenerException.java

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1.218 python-certifi 2020.12.5

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c-a-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python’s principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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<thead>
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<th>Release</th>
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Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 1925
0.9.0 thru 1.2  1991-1995  CWI  yes
1.3 thru 1.5.2  1.2  1995-1999  CNRI  yes
1.6  1.5.2  2000  CNRI  no
2.0  1.6  2000  BeOpen.com  no
1.6.1  1.6  2001  CNRI  yes (2)
2.1  2.0+1.6.1  2001  PSF  no
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  jar/com/google/gson/internal/bind/JsonAdapterAnnotationTypeAdapterFactory.java
* /opt/cola/permits/1231335344_1637640927.1/0/gson-2-8-9-sources-
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  jar/com/google/gson/internal/LinkedTreeMap.java
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  jar/com/google/gson/internal/bind/DateTypeAdapter.java
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  jar/com/google/gson/internal/LazilyParsedNumber.java
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  jar/com/google/gson/internal/ConstructorConstructor.java
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  jar/com/google/gson/internal/UnsafeAllocator.java
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  jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java
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* /opt/cola/permits/1231335344_1637640927.10/gson-2-8-9-sources-jar/com/google/gson/stream/JsonWriter.java
* /opt/cola/permits/1231335344_1637640927.10/gson-2-8-9-sources-jar/com/google/gson/stream/MalformedJsonException.java
* /opt/cola/permits/1231335344_1637640927.10/gson-2-8-9-sources-jar/com/google/gson/stream/JsonScope.java
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Manifest-Version: 1.0
Implementation-Title: Netty/All-in-One
Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.
Automatic-Module-Name:
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.all
Implementation-Version: 4.1.75.Final
Built-By: norman
Bnd-LastModified: 1646911619441
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Bundle-Name: Netty/All-in-One
Bundle-Version: 4.1.75.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-all/

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* /opt/cola/permits/1248079029_1640410634.49/0/failsafe-2-4-4-sources-jar/net/jodah/failsafe/internal/ClosedState.java
* /opt/cola/permits/1248079029_1640410634.49/0/failsafe-2-4-4-sources-jar/net/jodah/failsafe/Failsafe.java
* /opt/cola/permits/1248079029_1640410634.49/0/failsafe-2-4-4-sources-jar/net/jodah/failsafe/function/ContextualSupplier.java
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* /opt/cola/permits/1248079029_1640410634.49/0/failsafe-2-4-4-sources-jar/net/jodah/failsafe/FailsafeFuture.java
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1.228 libstdc++ 10.3.1_git20211027-r0

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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* /opt/cola/permits/1258121121_1643033053.9/0/listenablefuture-1-0-sources-
  jar/com/google/common/util/concurrent/ListenableFuture.java

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1.236 distro 1.6.0

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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

------

**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
Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jettyschemas

Assorted

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1.242 jsr305 3.0.2

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* /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

1.243 springfox-spi 3.0.0
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* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/contexts/Orderings.java

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/SecurityContextBuilder.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/OperationContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/ResponseContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/DocumentationContextBuilder.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/PathContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/AlternateTypeProvider.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/contexts/ModelContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/OperationModelContextsBuilder.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/DocumentationContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/Defaults.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/ParameterMetadataAccessor.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/SyntheticModelProviderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/RequestHandlerCombiner.java

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* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/ApiListingScannerPlugin.java
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* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/ExpandedParameterBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/RequestHandlerProvider.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/ParameterBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/OperationBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/contexts/ApiListingContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/OperationModelsProviderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/DocumentationPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/schema/ModelPropertyBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/contexts/ApiListingContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
  jar/springfox/documentation/spi/service/OperationModelsProviderPlugin.java
1.244 spring-web-mvc 5.3.18

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1.250 idna 3.3

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1.251 py3-lockfile 0.12.2-4.ph4

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1.252 sqlite 3.36.0-r0

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/*
 ** CAPI3REF: Configuration Options
 ** KEYWORDS: {configuration option}
 **
 ** These constants are the available integer configuration options that
 ** can be passed as the first argument to the [sqlite3_config()] interface.
 **
 ** New configuration options may be added in future releases of SQLite.
 ** Existing configuration options might be discontinued. Applications
 ** should check the return code from [sqlite3_config()] to make sure that
 ** the call worked. The [sqlite3_config()] interface will return a
 ** non-zero [error code] if a discontinued or unsupported configuration option
 ** is invoked.
 **
 ** <dl>
 ** [[SQLITE_CONFIG_SINGLETHREAD]] <dt>SQLITE_CONFIG_SINGLETHREAD</dt>
 ** <dd>There are no arguments to this option. ^This option sets the
 ** [threading mode] to Single-thread. In other words, it disables
 ** all mutexing and puts SQLite into a mode where it can only be used
 ** by a single thread. ^If SQLite is compiled with
 ** the [SQLITE_THREADSAFE] [SQLITE_THREADSAFE=0] compile-time option then
 ** it is not possible to change the [threading mode] from its default
 ** value of Single-thread and so [sqlite3_config()] will return
 ** [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD
** SQLITE_CONFIG_MULTITHREAD <dt>SQLITE_CONFIG_MULTITHREAD</dt>** <dd>There are no arguments to this option. ^This option sets the**<br>**[threading mode] to Multi-thread. In other words, it disables**<br>**mutexing on [database connection] and [prepared statement] objects.<br>** The application is responsible for serializing access to**<br>**[database connections] and [prepared statements]. But other mutexes**<br>**are enabled so that SQLite will be safe to use in a multi-threaded**<br>**environment as long as no two threads attempt to use the same**<br>**[database connection] at the same time. ^If SQLite is compiled with**<br>**the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then**<br>**it is not possible to set the Multi-thread [threading mode] and**<br>**[sqlite3_config()] will return [SQLITE_ERROR] if called with the**<br>**SQLITE_CONFIG_MULTITHREAD configuration option.</dd>**

** SQLITE_CONFIG_SERIALIZED <dt>SQLITE_CONFIG_SERIALIZED</dt>** <dd>There are no arguments to this option. ^This option sets the**<br>**[threading mode] to Serialized. In other words, this option enables**<br>**all mutexes including the recursive**<br>**mutexes on [database connection] and [prepared statement] objects.<br>** In this mode (which is the default when SQLite is compiled with**<br>**[SQLITE_THREADSAFE=1]) the SQLite library will itself serialize access**<br>**to [database connections] and [prepared statements] so that the**<br>**application is free to use the same [database connection] or the**<br>**same [prepared statement] in different threads at the same time.<br>** ^If SQLite is compiled with**<br>**the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then**<br>**it is not possible to set the Serialized [threading mode] and**<br>**[sqlite3_config()] will return [SQLITE_ERROR] if called with the**<br>**SQLITE_CONFIG_SERIALIZED configuration option.</dd>**

** SQLITE_CONFIG_MALLOC <dt>SQLITE_CONFIG_MALLOC</dt>** ^The SQLITE_CONFIG_MALLOC option takes a single argument which is**<br>a pointer to an instance of the [sqlite3_mem_methods] structure.<br>**The argument specifies**<br>**alternative low-level memory allocation routines to be used in place of**<br>**the memory allocation routines built into SQLite.)^ ^SQLite makes**<br>**its own private copy of the content of the [sqlite3_mem_methods] structure**<br>**before the [sqlite3_config()] call returns.</dd>**

** SQLITE_CONFIG_GET_MALLOC <dt>SQLITE_CONFIG_GET_MALLOC</dt>** ^The SQLITE_CONFIG_GET_MALLOC option takes a single argument which**<br>is a pointer to an instance of the [sqlite3_mem_methods] structure.<br>**The [sqlite3_mem_methods]**<br>**structure is filled with the currently defined memory allocation routines.)^**<br>**This option can be used to overload the default memory allocation**<br>**routines with a wrapper that simulations memory allocation failure or
tracks memory usage, for example. </dd>

**

** [[SQLITE_CONFIG_SMALL_MALLOC]] <dt>SQLITE_CONFIG_SMALL_MALLOC</dt>

** <dd> ^The SQLITE_CONFIG_SMALL_MALLOC option takes single argument of
** type int, interpreted as a boolean, which if true provides a hint to
** SQLite that it should avoid large memory allocations if possible.
** SQLite will run faster if it is free to make large memory allocations,
** but some application might prefer to run slower in exchange for
** guarantees about memory fragmentation that are possible if large
** allocations are avoided. This hint is normally off.
** </dd>

**

** [[SQLITE_CONFIG_MEMSTATUS]] <dt>SQLITE_CONFIG_MEMSTATUS</dt>

** <dd> ^The SQLITE_CONFIG_MEMSTATUS option takes single argument of type int,
** interpreted as a boolean, which enables or disables the collection of
** memory allocation statistics. ^When memory allocation statistics are
** disabled, the following SQLite interfaces become non-operational:
** <ul>
** <li> [sqlite3_hard_heap_limit64()]
** <li> [sqlite3_memory_used()]
** <li> [sqlite3_memory_highwater()]
** <li> [sqlite3_soft_heap_limit64()]
** <li> [sqlite3_status64()]
** </ul>
** ^Memory allocation statistics are enabled by default unless SQLite is
** compiled with [SQLITE_DEFAULT_MEMSTATUS]=0 in which case memory
** allocation statistics are disabled by default.
** </dd>

**

** [[SQLITE_CONFIG_SCRATCH]] <dt>SQLITE_CONFIG_SCRATCH</dt>

** <dd> The SQLITE_CONFIG_SCRATCH option is no longer used.
** </dd>

**

** [[SQLITE_CONFIG_PAGECACHE]] <dt>SQLITE_CONFIG_PAGECACHE</dt>

** <dd> ^The SQLITE_CONFIG_PAGECACHE option specifies a memory pool
** that SQLite can use for the database page cache with the default page
** cache implementation.
** This configuration option is a no-op if an application-defined page
** cache implementation is loaded using the [SQLITE_CONFIG_PCACHE2].
** ^There are three arguments to SQLITE_CONFIG_PAGECACHE: A pointer to
** 8-byte aligned memory (pMem), the size of each page cache line (sz),
** and the number of cache lines (N).
** The sz argument should be the size of the largest database page
** (a power of two between 512 and 65536) plus some extra bytes for each
** page header. ^The number of extra bytes needed by the page header
** can be determined using [SQLITE_CONFIG_PCACHE_HDRSZ].
** ^It is harmless, apart from the wasted memory,
** for the sz parameter to be larger than necessary. The pMem
argument must be either a NULL pointer or a pointer to an 8-byte
aligned block of memory of at least sz*N bytes, otherwise
subsequent behavior is undefined.
^When pMem is not NULL, SQLite will strive to use the memory provided
to satisfy page cache needs, falling back to [sqlite3_malloc()] if
a page cache line is larger than sz bytes or if all of the pMem buffer
is exhausted.
^If pMem is NULL and N is non-zero, then each database connection
does an initial bulk allocation for page cache memory
from [sqlite3_malloc()] sufficient for N cache lines if N is positive or
of -1024*N bytes if N is negative, . ^If additional
page cache memory is needed beyond what is provided by the initial
allocation, then SQLite goes to [sqlite3_malloc()] separately for each
additional cache line. </dd>
**
** [[SQLITE_CONFIG_HEAP]] <dt>SQLITE_CONFIG_HEAP</dt>
** <dd> ^The SQLITE_CONFIG_HEAP option specifies a static memory buffer
that SQLite will use for all of its dynamic memory allocation needs
beyond those provided for by [SQLITE_CONFIG_PAGECACHE].
^The SQLITE_CONFIG_HEAP option is only available if SQLite is compiled
with either [SQLITE_ENABLE_MEMSYS3] or [SQLITE_ENABLE_MEMSYS5] and returns
[SQLITE_ERROR] if invoked otherwise.
^There are three arguments to SQLITE_CONFIG_HEAP:
An 8-byte aligned pointer to the memory,
the number of bytes in the memory buffer, and the minimum allocation size.
^If the first pointer (the memory pointer) is NULL, then SQLite reverts
to using its default memory allocator (the system malloc() implementation),
undoing any prior invocation of [SQLITE_CONFIG_MALLOC]. ^If the
memory pointer is not NULL then the alternative memory
allocator is engaged to handle all of SQLites memory allocation needs.
The first pointer (the memory pointer) must be aligned to an 8-byte
boundary or subsequent behavior of SQLite will be undefined.
The minimum allocation size is capped at 2**12. Reasonable values
for the minimum allocation size are 2**5 through 2**8.</dd>
**
** [[SQLITE_CONFIG_MUTEX]] <dt>SQLITE_CONFIG_MUTEX</dt>
** <dd> ^(The SQLITE_CONFIG_MUTEX option takes a single argument which is a
pointer to an instance of the [sqlite3_mutex_methods] structure.
The argument specifies alternative low-level mutex routines to be used
in place the mutex routines built into SQLite.)^ ^SQLite makes a copy of
the content of the [sqlite3_mutex_methods] structure before the call to
[sqlite3_config()] returns. ^If SQLite is compiled with
the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
the entire muting subsystem is omitted from the build and hence calls to
[sqlite3_config()] with the SQLITE_CONFIG_MUTEX configuration option will
return [SQLITE_ERROR].</dd>
**
** [[SQLITE_CONFIG_GETMUTEX]] <dt>SQLITE_CONFIG_GETMUTEX</dt>
** <dd> ^(The SQLITE_CONFIG_GETMUTEX option takes a single argument which 
** is a pointer to an instance of the [sqlite3_mutex_methods] structure. The 
** [sqlite3_mutex_methods] 
** structure is filled with the currently defined mutex routines.)^ 
** This option can be used to overload the default mutex allocation 
** routines with a wrapper used to track mutex usage for performance 
** profiling or testing, for example. ^If SQLite is compiled with 
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then 
** the entire mutexing subsystem is omitted from the build and hence calls to 
** [sqlite3_config()] with the SQLITE_CONFIG_GETMUTEX configuration option will 
** return [SQLITE_ERROR].</dd>

** ![SQLITE_CONFIG_LOOKASIDE]] <dt>SQLITE_CONFIG_LOOKASIDE</dt>
** <dd> ^(The SQLITE_CONFIG_LOOKASIDE option takes two arguments that determine 
** the default size of lookaside memory on each [database connection]. 
** The first argument is the 
** size of each lookaside buffer slot and the second is the number of 
** slots allocated to each database connection.)^ (SQLITE_CONFIG_LOOKASIDE 
** sets the <i>default</i> lookaside size. The [SQLITE_DBCONFIG_LOOKASIDE] 
** option to [sqlite3_db_config()] can be used to change the lookaside 
** configuration on individual connections.)^</dd>

** ![SQLITE_CONFIG_PCACHE2]] <dt>SQLITE_CONFIG_PCACHE2</dt>
** <dd> ^(The SQLITE_CONFIG_PCACHE2 option takes a single argument which is 
** a pointer to an [sqlite3_pcache_methods2] object. This object specifies 
** the interface to a custom page cache implementation.)^ 
** SQLite makes a copy of the [sqlite3_pcache_methods2] object.</dd>

** ![SQLITE_CONFIG_GETPCACHE2]] <dt>SQLITE_CONFIG_GETPCACHE2</dt>
** <dd> ^(The SQLITE_CONFIG_GETPCACHE2 option takes a single argument which 
** is a pointer to an [sqlite3_pcache_methods2] object. SQLite copies of 
** the current page cache implementation into that object.)^</dd>

** ![SQLITE_CONFIG_LOG]] <dt>SQLITE_CONFIG_LOG</dt>
** <dd> The SQLITE_CONFIG_LOG option is used to configure the SQLite 
** global [error log]. 
** ^(The SQLITE_CONFIG_LOG option takes two arguments: a pointer to a 
** function with a call signature of void(*)(void*,int,const char*), 
** and a pointer to void. ^If the function pointer is not NULL, it is 
** invoked by [sqlite3_log() to process each logging event. ^If the 
** function pointer is NULL, the [sqlite3_log() interface becomes a no-op. 
** ^(The void pointer that is the second argument to SQLITE_CONFIG_LOG is 
** passed through as the first parameter to the application-defined logger 
** function whenever that function is invoked. ^The second parameter to 
** the logger function is a copy of the first parameter to the corresponding 
** [sqlite3_log()] call and is intended to be a [result code] or an 
** [extended result code]. ^The third parameter passed to the logger is 
** log message after formatting via [sqlite3_snprintf()]. 

---

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The SQLite logging interface is not reentrant; the logger function supplied by the application must not invoke any SQLite interface. In a multi-threaded application, the application-defined logger function must be threadsafe.

- **[SQLITE_CONFIG_URI]**
  - The SQLITE_CONFIG_URI option takes a single argument of type int.
  - If non-zero, then URI handling is globally enabled. If the parameter is zero, then URI handling is globally enabled, all filenames passed to [sqlite3_open()], [sqlite3_open_v2()], [sqlite3_open16()] or specified as part of [ATTACH] commands are interpreted as URIs, regardless of whether or not the [SQLITE_OPEN_URI] flag is set when the database connection is opened. (By default, URI handling is globally disabled. The default value may be changed by compiling with the [SQLITE_USE_URI] symbol defined.)

- **[SQLITE_CONFIG_COVERING_INDEX_SCAN]**
  - The SQLITE_CONFIG_COVERING_INDEX_SCAN option takes a single integer argument which is interpreted as a boolean in order to enable or disable the use of covering indices for full table scans in the query optimizer. The default setting is determined by the [SQLITE_ALLOW_COVERING_INDEX_SCAN] compile-time option, or is "on" if that compile-time option is omitted. The ability to disable the use of covering indices for full table scans is because some incorrectly coded legacy applications might malfunction when the optimization is enabled. Providing the ability to disable the optimization allows the older, buggy application code to work without change even with newer versions of SQLite.

- **[SQLITE_CONFIG_PCACHE] [SQLITE_CONFIG_GETPCACHE]**
  - These options are obsolete and should not be used by new code. They are retained for backwards compatibility but are now no-ops.

- **[SQLITE_CONFIG_SQLLOG]**
  - This option is only available if sqlite is compiled with the [SQLITE_ENABLE_SQLLOG] pre-processor macro defined. The first argument should be a pointer to a function of type void(*)(void*,sqlite3*,const char*, int).
  - The second should be of type (void*). The callback is invoked by the library in three separate circumstances, identified by the value passed as the fourth parameter. If the fourth parameter is 0, then the database connection passed as the second argument has just been opened. The third argument points to a buffer containing the name of the main database file. If the
** fourth parameter is 1, then the SQL statement that the third parameter
** points to has just been executed. Or, if the fourth parameter is 2, then
** the connection being passed as the second parameter is being closed. The
** third parameter is passed NULL. In this case. An example of using this
** configuration option can be seen in the "test_sqllog.c" source file in
** the canonical SQLite source tree.</dd>

**
** [[SQLITE_CONFIG_MMAP_SIZE]]
** <dt>SQLITE_CONFIG_MMAP_SIZE
** <dd>^SQLITE_CONFIG_MMAP_SIZE takes two 64-bit integer (sqlite3_int64) values
** that are the default mmap size limit (the default setting for
** [PRAGMA mmap_size]) and the maximum allowed mmap size limit.
** ^The default setting can be overridden by each database connection using
** either the [PRAGMA mmap_size] command, or by using the
** [SQLITE_FCNTL_MMAP_SIZE] file control. ^The maximum allowed mmap size
** will be silently truncated if necessary so that it does not exceed the
** compile-time maximum mmap size set by the
** [SQLITE_MAX_MMAP_SIZE] compile-time option.)^
** ^If either argument to this option is negative, then that argument is
** changed to its compile-time default.
**
**
** [[SQLITE_CONFIG_WIN32_HEAPSIZE]]
** <dt>SQLITE_CONFIG_WIN32_HEAPSIZE
** <dd>^The SQLITE_CONFIG_WIN32_HEAPSIZE option is only available if SQLite is
** compiled for Windows with the [SQLITE_WIN32_MALLOC] pre-processor macro
** defined. ^SQLITE_CONFIG_WIN32_HEAPSIZE takes a 32-bit unsigned integer value
** that specifies the maximum size of the created heap.
**
**
** [[SQLITE_CONFIG_PCACHE_HDRSZ]]
** <dt>SQLITE_CONFIG_PCACHE_HDRSZ
** <dd>^The SQLITE_CONFIG_PCACHE_HDRSZ option takes a single parameter which
** is a pointer to an integer and writes into that integer the number of extra
** bytes per page required for each page in [SQLITE_CONFIG_PAGECACHE].
** The amount of extra space required can change depending on the compiler,
** target platform, and SQLite version.
**
**
** [[SQLITE_CONFIG_PMASZ]]
** <dt>SQLITE_CONFIG_PMASZ
** <dd>^The SQLITE_CONFIG_PMASZ option takes a single parameter which
** is an unsigned integer and sets the "Minimum PMA Size" for the multithreaded
** sorter to that integer. The default minimum PMA Size is set by the
** [SQLITE_SORTER_PMASZ] compile-time option. New threads are launched
** to help with sort operations when multithreaded sorting
** is enabled (using the [PRAGMA threads] command) and the amount of content
** to be sorted exceeds the page size times the minimum of the
** [PRAGMA cache_size] setting and this value.
**
**
** [[SQLITE_CONFIG_STMTJRNL_SPILL]]
** <dt>SQLITE_CONFIG_STMTJRNL_SPILL
** <dd>The SQLITE_CONFIG_STMTJRNL_SPILL option takes a single parameter which
** becomes the [statement journal] spill-to-disk threshold.
** [Statement journals] are held in memory until their size (in bytes)
** exceeds this threshold, at which point they are written to disk.
** Or if the threshold is -1, statement journals are always held
** exclusively in memory.
** Since many statement journals never become large, setting the spill
** threshold to a value such as 64KiB can greatly reduce the amount of
** I/O required to support statement rollback.
** The default value for this setting is controlled by the
** [SQLITE_STMTJRNL_SPILL] compile-time option.
**
** [[SQLITE_CONFIG_SORTERREF_SIZE]]
** <dt>SQLITE_CONFIG_SORTERREF_SIZE
** <dd>The SQLITE_CONFIG_SORTERREF_SIZE option accepts a single parameter
** of type (int) - the new value of the sorter-reference size threshold.
** Usually, when SQLite uses an external sort to order records according
** to an ORDER BY clause, all fields required by the caller are present in the
** sorted records. However, if SQLite determines based on the declared type
** of a table column that its values are likely to be very large - larger
** than the configured sorter-reference size threshold - then a reference
** is stored in each sorted record and the required column values loaded
** from the database as records are returned in sorted order. The default
** value for this option is to never use this optimization. Specifying a
** negative value for this option restores the default behaviour.
** This option is only available if SQLite is compiled with the
** [SQLITE_ENABLE_SORTER_REFERENCES] compile-time option.
**
** [[SQLITE_CONFIG_MEMDB_MAXSIZE]]
** <dt>SQLITE_CONFIG_MEMDB_MAXSIZE
** <dd>The SQLITE_CONFIG_MEMDB_MAXSIZE option accepts a single parameter
** [sqlite3_int64] parameter which is the default maximum size for an in-memory
** database created using [sqlite3_deserialize()]. This default maximum
** size can be adjusted up or down for individual databases using the
** [SQLITE_FCNTL_SIZE_LIMIT] [sqlite3_file_control|file-control]. If this
** configuration setting is never used, then the default maximum is determined
** by the [SQLITE_MEMDB_DEFAULT_MAXSIZE] compile-time option. If that
** compile-time option is not set, then the default maximum is 1073741824.
** */

Found in path(s):
* /opt/cola/permits/1188427916_1645733692.08/0/sqlite-amalgamation-3380000-zip/sqlite-amalgamation-3380000/sqlite3.h
No license file was found, but licenses were detected in source scan.

/*
These constants are the available integer configuration options that can be passed as the first argument to the [sqlite3_config()] interface.

New configuration options may be added in future releases of SQLite. Existing configuration options might be discontinued. Applications should check the return code from [sqlite3_config()] to make sure that the call worked. The [sqlite3_config()] interface will return a non-zero [error code] if a discontinued or unsupported configuration option is invoked.

** [[SQLITE_CONFIG_SINGLETHREAD]]<dt>SQLITE_CONFIG_SINGLETHREAD</dt></dd>**
** <dd>There are no arguments to this option. ^This option sets the [threading mode] to Single-thread. In other words, it disables all muting and puts SQLite into a mode where it can only be used by a single thread. ^If SQLite is compiled with the [SQLite_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then it is not possible to change the [threading mode] from its default value of Single-thread and so [sqlite3_config()] will return [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD configuration option.</dd>

** [[SQLITE_CONFIG_MULTITHREAD]]<dt>SQLITE_CONFIG_MULTITHREAD</dt></dd>**
** <dd> There are no arguments to this option. ^This option sets the [threading mode] to Multi-thread. In other words, it disables muting on [database connection] and [prepared statement] objects. The application is responsible for serializing access to [database connections] and [prepared statements]. But other mutices are enabled so that SQLite will be safe to use in a multi-threaded environment as long as no two threads attempt to use the same [database connection] at the same time. ^If SQLite is compiled with the [SQLite_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then it is not possible to set the Multi-thread [threading mode] and [sqlite3_config()] will return [SQLITE_ERROR] if called with the SQLITE_CONFIG_MULTITHREAD configuration option.</dd>

** [[SQLITE_CONFIG_SERIALIZED]]<dt>SQLITE_CONFIG_SERIALIZED</dt></dd>**
** <dd> There are no arguments to this option. ^This option sets the [threading mode] to Serialized. In other words, this option enables all mutices including the recursive mutices on [database connection] and [prepared statement] objects. In this mode (which is the default when SQLite is compiled with [SQLite_THREADSAFE=1]) the SQLite library will itself serialize access to [database connections] and [prepared statements] so that the application is free to use the same [database connection] or the...
If SQLite is compiled with the `SQLITE_THREDSAFE | SQLITE_THREADSAFE=0` compile-time option then it is not possible to set the Serialized [threading mode] and `sqlite3_config()` will return [SQLITE_ERROR] if called with the `SQLITE_CONFIG_SERIALIZED` configuration option.

[[SQLITE_CONFIG_MALLOC]] <dt>SQLITE_CONFIG_MALLOC</dt>
<dd>(The `SQLITE_CONFIG_MALLOC` option takes a single argument which is a pointer to an instance of the [sqlite3_mem_methods] structure. The argument specifies alternative low-level memory allocation routines to be used in place of the memory allocation routines built into SQLite. SQLite makes its own private copy of the content of the [sqlite3_mem_methods] structure before the [sqlite3_config()] call returns.</dd>

[[SQLITE_CONFIG_GET_MALLOC]] <dt>SQLITE_CONFIG_GET_MALLOC</dt>
<dd>(The `SQLITE_CONFIG_GET_MALLOC` option takes a single argument which is a pointer to an instance of the [sqlite3_mem_methods] structure. The [sqlite3_mem_methods] structure is filled with the currently defined memory allocation routines.) This option can be used to overload the default memory allocation routines with a wrapper that simulates memory allocation failure or tracks memory usage, for example.</dd>

[[SQLITE_CONFIG_SMALL_MALLOC]] <dt>SQLITE_CONFIG_SMALL_MALLOC</dt>
<dd>The `SQLITE_CONFIG_SMALL_MALLOC` option takes a single argument of type int, interpreted as a boolean, which if true provides a hint to SQLite that it should avoid large memory allocations if possible. SQLite will run faster if it is free to make large memory allocations, but some application might prefer to run slower in exchange for guarantees about memory fragmentation that are possible if large allocations are avoided. This hint is normally off.</dd>

[[SQLITE_CONFIG_MEMSTATUS]] <dt>SQLITE_CONFIG_MEMSTATUS</dt>
<dd>(The `SQLITE_CONFIG_MEMSTATUS` option takes a single argument of type int, interpreted as a boolean, which enables or disables the collection of memory allocation statistics. When memory allocation statistics are disabled, the following SQLite interfaces become non-operational:
  <ul>
  <li>`sqlite3_hard_heap_limit64()`</li>
  <li>`sqlite3_memory_used()`</li>
  <li>`sqlite3_memory_highwater()`</li>
  <li>`sqlite3_soft_heap_limit64()`</li>
  <li>`sqlite3_status64()`</li>
  </ul>) Memory allocation statistics are enabled by default unless SQLite is
** compiled with [SQLITE_DEFAULT_MEMSTATUS]=0 in which case memory allocation statistics are disabled by default.

**</dd>

** ** [[SQLITE_CONFIG_SCRATCH]] <dt>SQLITE_CONFIG_SCRATCH</dt>

** <dd> The SQLITE_CONFIG_SCRATCH option is no longer used.

**</dd>

** ** [[SQLITE_CONFIG_PAGECACHE]] <dt>SQLITE_CONFIG_PAGECACHE</dt>

** <dd> ^The SQLITE_CONFIG_PAGECACHE option specifies a memory pool that SQLite can use for the database page cache with the default page cache implementation.

** This configuration option is a no-op if an application-defined page cache implementation is loaded using the [SQLITE_CONFIG_PCACHE2].

** ^There are three arguments to SQLITE_CONFIG_PAGECACHE: A pointer to 8-byte aligned memory (pMem), the size of each page cache line (sz), and the number of cache lines (N).

** The sz argument should be the size of the largest database page (a power of two between 512 and 65536) plus some extra bytes for each page header. ^The number of extra bytes needed by the page header can be determined using [SQLITE_CONFIG_PCACHE_HDRSZ].

** ^It is harmless, apart from the wasted memory, for the sz parameter to be larger than necessary. The pMem argument must be either a NULL pointer or a pointer to an 8-byte aligned block of memory of at least sz*N bytes, otherwise subsequent behavior is undefined.

** ^When pMem is not NULL, SQLite will strive to use the memory provided to satisfy page cache needs, falling back to [sqlite3_malloc()] if a page cache line is larger than sz bytes or if all of the pMem buffer is exhausted.

** ^If pMem is NULL and N is non-zero, then each database connection does an initial bulk allocation for page cache memory from [sqlite3_malloc()] sufficient for N cache lines if N is positive or of -1024*N bytes if N is negative. ^If additional page cache memory is needed beyond what is provided by the initial allocation, then SQLite goes to [sqlite3_malloc()] separately for each additional cache line. </dd>

** ** [[SQLITE_CONFIG_HEAP]] <dt>SQLITE_CONFIG_HEAP</dt>

** <dd> ^The SQLITE_CONFIG_HEAP option specifies a static memory buffer that SQLite will use for all of its dynamic memory allocation needs beyond those provided for by [SQLITE_CONFIG_PAGECACHE].

** ^The SQLITE_CONFIG_HEAP option is only available if SQLite is compiled with either [SQLITE_ENABLE_MEMSYS3] or [SQLITE_ENABLE_MEMSYS5] and returns [SQLITE_ERROR] if invoked otherwise.

** ^There are three arguments to SQLITE_CONFIG_HEAP:

** An 8-byte aligned pointer to the memory, the number of bytes in the memory buffer, and the minimum allocation size.
**If the first pointer (the memory pointer) is NULL, then SQLite reverts to using its default memory allocator (the system malloc() implementation), undoing any prior invocation of [SQLITE_CONFIG_MALLOC].** If the memory pointer is not NULL then the alternative memory allocator is engaged to handle all of SQLite's memory allocation needs. The first pointer (the memory pointer) must be aligned to an 8-byte boundary or subsequent behavior of SQLite will be undefined. The minimum allocation size is capped at 2**12. Reasonable values for the minimum allocation size are 2**5 through 2**8.

** [[SQLITE_CONFIG_MUTEX]] <dt>SQLITE_CONFIG_MUTEX</dt> ** <dd>^The SQLITE_CONFIG_MUTEX option takes a single argument which is a pointer to an instance of the [sqlite3_mutex_methods] structure. The argument specifies alternative low-level mutex routines to be used in place the mutex routines built into SQLite.)^ SQLite makes a copy of the content of the [sqlite3_mutex_methods] structure before the call to [sqlite3_config()] returns. ^If SQLite is compiled with the SQLITE_THREADSAFE | SQLITE_THREADSAFE=0 compile-time option then the entire mutexing subsystem is omitted from the build and hence calls to [sqlite3_config()] with the SQLITE_CONFIG_MUTEX configuration option will return [SQLITE_ERROR].</dd> **

** [[SQLITE_CONFIG_GETMUTEX]] <dt>SQLITE_CONFIG_GETMUTEX</dt> ** <dd>^The SQLITE_CONFIG_GETMUTEX option takes a single argument which is a pointer to an instance of the [sqlite3_mutex_methods] structure. The [sqlite3_mutex_methods] structure is filled with the currently defined mutex routines.)^ This option can be used to overload the default mutex allocation routines with a wrapper used to track mutex usage for performance profiling or testing, for example. ^If SQLite is compiled with the SQLITE_THREADSAFE | SQLITE_THREADSAFE=0 compile-time option then the entire mutexing subsystem is omitted from the build and hence calls to [sqlite3_config()] with the SQLITE_CONFIG_GETMUTEX configuration option will return [SQLITE_ERROR].</dd> **

** [[SQLITE_CONFIG_LOOKASIDE]] <dt>SQLITE_CONFIG_LOOKASIDE</dt> ** <dd>^The SQLITE_CONFIG_LOOKASIDE option takes two arguments that determine the default size of lookaside memory on each database connection. The first argument is the size of each lookaside buffer slot and the second is the number of slots allocated to each database connection.)^ (SQLITE_CONFIG_LOOKASIDE sets the default lookaside size. The [SQLITE_DBCONFIG_LOOKASIDE] option to [sqlite3_db_config()] can be used to change the lookaside configuration on individual connections.)^</dd> **

** [[SQLITE_CONFIG_PCACHE2]] <dt>SQLITE_CONFIG_PCACHE2</dt> ** <dd>(The SQLITE_CONFIG_PCACHE2 option takes a single argument which is a pointer to an [sqlite3_pcache_methods2] object. This object specifies
the interface to a custom page cache implementation.)

^SQLite makes a copy of the [sqlite3_pcache_methods2] object.

^SQLite makes a copy of the [sqlite3_pcache_methods2] object. SQLite copies of

the current page cache implementation into that object.)^</dd>

** [[SQLITE_CONFIG_GETPCACHE2]] <dt>SQLITE_CONFIG_GETPCACHE2</dt>
** <dd>^The SQLITE_CONFIG_GETPCACHE2 option takes a single argument which
** is a pointer to an [sqlite3_pcache_methods2] object. SQLite copies of
** the current page cache implementation into that object.)^</dd>

** [[SQLITE_CONFIG_LOG]] <dt>SQLITE_CONFIG_LOG</dt>
** <dd> The SQLITE_CONFIG_LOG option is used to configure the SQLite
** global [error log].

^The SQLITE_CONFIG_LOG option takes two arguments: a pointer to a
** function with a call signature of void(*)(void*,int,const char*),
** and a pointer to void. ^If the function pointer is not NULL, it is
** invoked by [sqlite3_log()] to process each logging event. ^If the
** function pointer is NULL, the [sqlite3_log()] interface becomes a no-op.
** ^The void pointer that is the second argument to SQLITE_CONFIG_LOG is
** passed through as the first parameter to the application-defined logger
** function whenever that function is invoked. ^The second parameter to
** the logger function is a copy of the first parameter to the corresponding
** [sqlite3_log()] call and is intended to be a [result code] or an
** [extended result code]. ^The third parameter passed to the logger is
** log message after formatting via [sqlite3_snprintf()].

The SQLite logging interface is not reentrant; the logger function
** supplied by the application must not invoke any SQLite interface.
** In a multi-threaded application, the application-defined logger
** function must be threadsafe. </dd>

** [[SQLITE_CONFIG_URI]] <dt>SQLITE_CONFIG_URI</dt>
** <dd>^The SQLITE_CONFIG_URI option takes a single argument of type int.
** If non-zero, then URI handling is globally enabled. If the parameter is zero,
** then URI handling is globally disabled.)^ ^If URI handling is globally
** enabled, all filenames passed to [sqlite3_open()], [sqlite3_open_v2()],
** [sqlite3_open16()] or
** specified as part of [ATTACH] commands are interpreted as URIs, regardless
** of whether or not the [SQLITE_OPEN_URI] flag is set when the database
** connection is opened. ^If it is globally disabled, filenames are
** only interpreted as URIs if the SQLITE_OPEN_URI flag is set when the
** database connection is opened. ^By default, URI handling is globally
** disabled. The default value may be changed by compiling with the
** [SQLITE_USE_URI] symbol defined.)^</dd>

** [[SQLITE_CONFIG_COVERING_INDEX_SCAN]] <dt>SQLITE_CONFIG_COVERING_INDEX_SCAN</dt>
** <dd>^The SQLITE_CONFIG_COVERING_INDEX_SCAN option takes a single integer
** argument which is interpreted as a boolean in order to enable or disable
** the use of covering indices for full table scans in the query optimizer.
** ^The default setting is determined
** by the [SQLITE_ALLOW_COVERING_INDEX_SCAN] compile-time option, or is "on"
if that compile-time option is omitted.

The ability to disable the use of covering indices for full table scans
is because some incorrectly coded legacy applications might malfunction
when the optimization is enabled. Providing the ability to
disable the optimization allows the older, buggy application code to work
without change even with newer versions of SQLite.

[[SQLITE_CONFIG_PCACHE]] [[SQLITE_CONFIG_GETPCACHE]]
<dt>SQLITE_CONFIG_PCACHE and SQLITE_CONFIG_GETPCACHE
<dd>These options are obsolete and should not be used by new code.
They are retained for backwards compatibility but are now no-ops.
</dd>

[[SQLITE_CONFIG_SQLLOG]]
<dt>SQLITE_CONFIG_SQLLOG
<dd>This option is only available if sqlite is compiled with the
[SQLITE_ENABLE_SQLLOG] pre-processor macro defined. The first argument should
be a pointer to a function of type void(*)(void*,sqlite3*,const char*, int).
The second should be of type (void*). The callback is invoked by the library
in three separate circumstances, identified by the value passed as the
fourth parameter. If the fourth parameter is 0, then the database connection
passed as the second argument has just been opened. The third argument
points to a buffer containing the name of the main database file. If the
fourth parameter is 1, then the SQL statement that the third parameter
points to has just been executed. Or, if the fourth parameter is 2, then
the connection being passed as the second parameter is being closed. The
third parameter is passed NULL In this case. An example of using this
configuration option can be seen in the "test_sqllog.c" source file in
the canonical SQLite source tree.</dd>

[[SQLITE_CONFIG_MMAP_SIZE]]
<dt>SQLITE_CONFIG_MMAP_SIZE
<dd>^SQLITE_CONFIG_MMAP_SIZE takes two 64-bit integer (sqlite3_int64) values
that are the default mmap size limit (the default setting for
[PRAGMA mmap_size]) and the maximum allowed mmap size limit.
^The default setting can be overridden by each database connection using
either the [PRAGMA mmap_size] command, or by using the
[SQLITE_FCNTL_MMAP_SIZE] file control. ^(The maximum allowed mmap size
will be silently truncated if necessary so that it does not exceed the
compile-time maximum mmap size set by the
[SQLITE_MAX_MMAP_SIZE] compile-time option.)^
^If either argument to this option is negative, then that argument is
changed to its compile-time default.

[[SQLITE_CONFIG_WIN32_HEAPSIZE]]
<dt>SQLITE_CONFIG_WIN32_HEAPSIZE
<dd>^The SQLITE_CONFIG_WIN32_HEAPSIZE option is only available if SQLite is
compiled for Windows with the [SQLITE_WIN32_MALLOC] pre-processor macro
** defined. `SQLITE_CONFIG_WIN32_HEAPSIZE` takes a 32-bit unsigned integer value
** that specifies the maximum size of the created heap.
**
** [[SQLITE_CONFIG_PCACHE_HDRSZ]]
** <dt>SQLITE_CONFIG_PCACHE_HDRSZ
** <dd>`SQLITE_CONFIG_PCACHE_HDRSZ` option takes a single parameter which
** is a pointer to an integer and writes into that integer the number of extra
** bytes per page required for each page in [SQLITE_CONFIG_PAGECACHE].
** The amount of extra space required can change depending on the compiler,
** target platform, and SQLite version.
**
** [[SQLITE_CONFIG_PMASZ]]
** <dt>SQLITE_CONFIG_PMASZ
** <dd>`SQLITE_CONFIG_PMASZ` option takes a single parameter which
** is an unsigned integer and sets the "Minimum PMA Size" for the multithreaded
** sorter to that integer. The default minimum PMA Size is set by the
** [SQLITE_SORTER_PMASZ] compile-time option. New threads are launched
** to help with sort operations when multithreaded sorting
** is enabled (using the [PRAGMA threads] command) and the amount of content
** to be sorted exceeds the page size times the minimum of the
** [PRAGMA cache_size] setting and this value.
**
** [[SQLITE_CONFIG_STMTJRNL_SPILL]]
** <dt>SQLITE_CONFIG_STMTJRNL_SPILL
** <dd>`SQLITE_CONFIG_STMTJRNL_SPILL` option takes a single parameter which
** becomes the [statement journal] spill-to-disk threshold.
** [Statement journals] are held in memory until their size (in bytes)
** exceeds this threshold, at which point they are written to disk.
** Or if the threshold is -1, statement journals are always held
** exclusively in memory.
** Since many statement journals never become large, setting the spill
** threshold to a value such as 64KiB can greatly reduce the amount of
** I/O required to support statement rollback.
** The default value for this setting is controlled by the
** [SQLITE_STMTJRNL_SPILL] compile-time option.
**
** [[SQLITE_CONFIG_SORTERREF_SIZE]]
** <dt>SQLITE_CONFIG_SORTERREF_SIZE
** <dd>`SQLITE_CONFIG_SORTERREF_SIZE` option accepts a single parameter
** of type (int) - the new value of the sorter-reference size threshold.
** Usually, when SQLite uses an external sort to order records according
** to an ORDER BY clause, all fields required by the caller are present in the
** sorted records. However, if SQLite determines based on the declared type
** of a table column that its values are likely to be very large - larger
** than the configured sorter-reference size threshold - then a reference
** is stored in each sorted record and the required column values loaded
** from the database as records are returned in sorted order. The default
** value for this option is to never use this optimization. Specifying a
** negative value for this option restores the default behaviour.
** This option is only available if SQLite is compiled with the
** [SQLITE_ENABLE_SORTER_REFERENCES] compile-time option.
**
** [[SQLITE_CONFIG_MEMDB_MAXSIZE]]
**
** <dt>SQLITE_CONFIG_MEMDB_MAXSIZE
** <dd>The SQLITE_CONFIG_MEMDB_MAXSIZE option accepts a single parameter
** [sqlite3_int64] parameter which is the default maximum size for an in-memory
** database created using [sqlite3_deserialize()]. This default maximum
** size can be adjusted up or down for individual databases using the
** [SQLITE_FCNTL_SIZE_LIMIT] [sqlite3_file_control|file-control]. If this
** configuration setting is never used, then the default maximum is determined
** by the [SQLITE_MEMDB_DEFAULT_MAXSIZE] compile-time option. If that
** compile-time option is not set, then the default maximum is 1073741824.
**
*/
*/
** The "printf" code that follows dates from the 1980's. It is in
** the public domain.
**
**************************************************************************
**
** This file contains code for a set of "printf"-like routines. These
** routines format strings much like the printf() from the standard C
** library, though the implementation here has enhancements to support
** SQLite.
*/
*/
** 2004 May 22
**
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** a legal notice, here is a blessing:
**
** May you do good and not evil.
** May you find forgiveness for yourself and forgive others.
** May you share freely, never taking more than you give.
**
**************************************************************************
**
** This file contains the VFS implementation for unix-like operating systems
** include Linux, MacOSX, *BSD, QNX, VxWorks, AIX, HPUX, and others.
**
** There are actually several different VFS implementations in this file.
** The differences are in the way that file locking is done. The default
** implementation uses Posix Advisory Locks. Alternative implementations
** use flock(), dot-files, various proprietary locking schemas, or simply
** skip locking all together.
**
** This source file is organized into divisions where the logic for various
** subfunctions is contained within the appropriate division. PLEASE
** KEEP THE STRUCTURE OF THIS FILE INTACT. New code should be placed
** in the correct division and should be clearly labeled.
**
** The layout of divisions is as follows:
**
**  * General-purpose declarations and utility functions.
**  * Unique file ID logic used by VxWorks.
**  * Various locking primitive implementations (all except proxy locking):
**      + for Posix Advisory Locks
**      + for no-op locks
**      + for dot-file locks
**      + for flock() locking
**      + for named semaphore locks (VxWorks only)
**      + for AFP filesystem locks (MacOSX only)
**  * sqlite3_file methods not associated with locking.
**  * Definitions of sqlite3_io_methods objects for all locking
**      methods plus "finder" functions for each locking method.
**  * sqlite3_vfs method implementations.
**  * Locking primitives for the proxy uber-locking-method. (MacOSX only)
**  * Definitions of sqlite3_vfs objects for all locking methods
**      plus implementations of sqlite3_os_init() and sqlite3_os_end().
*/
/*
** Return a pointer to the "temporary page" buffer held internally
** by the pager. This is a buffer that is big enough to hold the
** entire content of a database page. This buffer is used internally
** during rollback and will be overwritten whenever a rollback
** occurs. But other modules are free to use it too, as long as
** no rollbacks are happening.
*/

Found in path(s):
* /opt/cola/permits/1188427916_1645733692.08/0/sqlite-amalgamation-3380000-zip/sqlite-amalgamation-3380000/sqlite3.c
No license file was found, but licenses were detected in source scan.

/* This will be more informative in a later version. */

Found in path(s):
* /opt/cola/permits/1188427916_1645733692.08/0/sqlite-amalgamation-3380000-zip/sqlite-amalgamation-3380000/shell.c

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Metadata-Version: 2.1
Name: CacheControl
Version: 0.12.10
Summary: httplib2 caching for requests
Home-page: https://github.com/ionrock/cachecontrol
Author: Eric Larson
Author-email: eric@ionrock.org
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CacheControl
==============

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    :alt: Latest Version

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CacheControl is a port of the caching algorithms in httplib2_ for use with requests_ session object.

It was written because httplib2’s better support for caching is often mitigated by its lack of thread safety. The same is true of requests in terms of caching.
Quickstart
==========

.. code-block:: python

    import requests

    from cachecontrol import CacheControl

    sess = requests.session()
    cached_sess = CacheControl(sess)

    response = cached_sess.get('http://google.com')

If the URL contains any caching based headers, it will cache the result in a simple dictionary.

For more info, check out the docs_

.. _docs: http://cachecontrol.readthedocs.org/en/latest/
.. _httplib2: https://github.com/httplib2/httplib2
.. _requests: http://docs.python-requests.org/

Keywords: requests http caching web
Platform: UNKNOWN
Classifier: Development Status :: 4 - Beta
Classifier: Environment :: Web Environment
Classifier: License :: OSI Approved :: Apache Software License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: 3.7
Classifier: Programming Language :: Python :: 3.8
Classifier: Programming Language :: Python :: 3.9
Classifier: Programming Language :: Python :: 3.10
Classifier: Topic :: Internet :: WWW/HTTP
Requires-Python: >=3.6
Provides-Extra: redis
Provides-Extra: filecache

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* /opt/cola/permits/1224936282_1636188730.46/0/cachecontrol-0-12-10-tar-gz/CacheControl-0.12.10/CacheControl.egg-info/PKG-INFO
* /opt/cola/permits/1224936282_1636188730.46/0/cachecontrol-0-12-10-tar-gz/CacheControl-0.12.10/CacheControl.egg-info/PKG-INFO
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  jar/io/vertx/grpc/VertxServer.java
* /opt/cola/permits/1340819498_1654719892.7549443/0/vertx-grpc-4-2-7-sources-1-
  jar/io/vertx/grpc/stub/StreamObserverReadStream.java
* /opt/cola/permits/1340819498_1654719892.7549443/0/vertx-grpc-4-2-7-sources-1-
  jar/io/vertx/grpc/BlockingServerInterceptor.java
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  jar/io/vertx/grpc/VertxServerBuilder.java
* /opt/cola/permits/1340819498_1654719892.7549443/0/vertx-grpc-4-2-7-sources-1-
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* /opt/cola/permits/1340819498_1654719892.7549443/0/vertx-grpc-4-2-7-sources-1-jar/io/vertx/grpc/stub/GrpcWriteStream.java

1.259 openssl 1.1.1o-r0

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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

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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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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

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@end enumerate

@ifex
@end iftex
@ifinfo
@end ifinfo

@page
@heading Appendix: How to Apply These Terms to Your New Programs

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possible use to the public, the best way to achieve this is to make it
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
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Version 3, 29 June 2007

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1.275 java-nats-streaming 2.2.3
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1.276 jaxb-core 2.3.6

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1.277 py3-certifi 2020.12.5-r1

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Certificate data from Mozilla as of: Thu Nov  3 19:04:19 2011#
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It contains the certificates in PEM format and therefore
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1.278 jetty 9.4.45.v20220203

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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

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* org.eclipse.jetty.orbit:javax.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

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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
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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1.285 logrus 1.8.1

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This package contains a modified version of ca-bundle.crt:

c-a-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov  3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree: http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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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

------
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

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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
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1.289 py3-charset-normalizer 2.0.7-r0

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1.290 fullsailor-pkcs7 0.0.0-20190404230743-d7302db945fa
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1.291 jackson-datatype-jsr310 2.13.2

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1.292 go-uber-org-multierr 1.6.0

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1.293 netty-codec 4.1.75.Final

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* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-
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  jar/io/netty/handler/codec/compression/Crc32c.java
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* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
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  jar/io/netty/handler/codec/ValueConverter.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-
  jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-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
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder
 */

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* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/base64/Base64Dialect.java
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* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-
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jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/ReplayingDecoder.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/bytes/package-info.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/base64/package-info.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/MessageAggregator.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/ByteToMessageCodec.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/compression/package-info.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/marshalling/package-info.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/xml/package-info.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/MessageToMessageDecoder.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1-jar/io/netty/handler/codec/compression/CompressionException.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1
jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1.jar
jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1.jar
jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1.jar
jar/io/netty/handler/codec/compression/Snappy.java
* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1.jar
jar/io/netty/handler/codec/package-info.java

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/**
 * Utility class for {@link ByteBuf} that encodes and decodes to and from
 * <a href="https://en.wikipedia.org/wiki/Base64">Base64</a> notation.
 * <p>
 * The encoding and decoding algorithm 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 `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.

```plaintext
+b+a+--------+----------------+      +--------+----------------+
   | Length | Actual Content |----->| Length | Actual Content |
   +--------+----------------+      +--------+----------------+
```

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.

```plaintext
+b+a+lengthFieldOffset+b+a+lengthFieldLength+b+a+lengthAdjustment+b+a+initialBytesToStrip=0 (= do not strip header)
```

Because we can get the length of the content by calling
`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.
* 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" |
* +--------+----------------+      +----------------+

* strip the first two bytes.
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = -2 (= the length of the Length field)
initialBytesToStrip = 0

* BEFORE DECODE (14 bytes)                AFTER DECODE (14 bytes)
* | Length | Actual Content |----->| Actual Content |
* | 0x000E | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+

* 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
lengthAdjustment. Because the length value in this example message
is always greater than the body length by 2, we specify lengthAdjustment = -2
for compensation.

* lengthFieldOffset = 0
* lengthFieldLength = 2
* initialBytesToStrip = 0

* BEFORE DECODE (14 bytes)                AFTER DECODE (14 bytes)
* | Length | Actual Content |----->| Actual Content |
* | 0x000E | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+

* The following message is a simple variation of the first example. An extra
header value is prepended to the message. lengthAdjustment is zero
again because the decoder always takes the length of the prepended data into
account during frame length calculation.

* lengthFieldOffset = 2 (= the length of Header 1)
* lengthFieldLength = 3
* initialBytesToStrip = 0
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 \texttt{lengthAdjustment} so that the decoder counts the extra header into the frame length calculation.

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 \texttt{lengthFieldOffset} and the extra header affects the \texttt{lengthAdjustment}. We also specified a non-zero \texttt{initialBytesToStrip} 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 \texttt{0} for \texttt{initialBytesToSkip}.
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.

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 lengthAdjustment.

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.

lengthFieldOffset = 1
lengthFieldLength = 2
lengthAdjustment = -3 (= the length of HDR1 + LEN, negative)
initialBytesToStrip = 3

BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
+-------------------------------+                    +-------------------------------+
| HDR1 | Length | HDR2 | Actual Content |      | HDR2 | Actual Content |
| 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
+-------------------------------+                    +-------------------------------+

@see LengthFieldPrepender

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* /opt/cola/permits/1301894864_1649303999.02/0/netty-codec-4-1-75-final-sources-1.jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

1.294 netty-codec-http 4.1.48.Final
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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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jar/io/netty/handler/codec/http2/HttpResponseFrame.java
 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/Http2FrameStreamException.java
 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/DefaultHttp2HeadersFrame.java
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 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
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 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
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 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/DefaultHttp2GoAwayFrame.java
 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/AbstractHttp2StreamFrame.java
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 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
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jar/io/netty/handler/codec/http2/Http2FrameCodec.java
 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/Http2FrameStream.java
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 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
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 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/Http2StreamFrameToHttpObjectCodec.java
 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/Http2ResetFrame.java
 * /opt/cola/permits/125888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
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jar/io/netty/handler/codec/http2/Http2ConnectionDecoder.java
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* /opt/cola/permits/1258888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
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* /opt/cola/permits/1258888342_1643118327.83/0/netty-codec-http2-4-1-48-final-sources-
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* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
  jar/io/netty/resolver/dns/DnsServerAddressStream.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
  jar/io/netty/resolver/dns/RotationalDnsServerAddresses.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
  jar/io/netty/resolver/dns/DefaultDnsServerAddresses.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
  jar/io/netty/resolver/dns/DnsQueryContextManager.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
  jar/io/netty/resolver/dns/DnsNameResolverException.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
  jar/io/netty/resolver/dns/DnsNameResolverBuilder.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
  jar/io/netty/resolver/dns/ShuffledDnsServerAddressStream.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
  jar/io/netty/resolver/dns/SingletonDnsServerAddresses.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
  jar/io/netty/resolver/dns/SequentialDnsServerAddressStream.java
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* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
jar/io/netty/resolver/dns/DnsServerAddresses.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
jar/io/netty/resolver/dns/DnsAddressResolverGroup.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
jar/io/netty/resolver/dns/DnsQueryContext.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
jar/io/netty/resolver/dns/DnsNameResolver.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
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* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
jar/io/netty/resolver/dns/NoopDnsCache.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
jar/io/netty/resolver/dns/DefaultDsCache.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
jar/io/netty/resolver/dns/DnsCache.java
* /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-
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 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/MultiDnsServerAddressStreamProvider.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/DnsServerAddressStreamProviders.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/DnsCacheEntry.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/SingletonDnsServerAddressStreamProvider.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/DefaultDnsServerAddressStreamProvider.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/DnsNameResolverTimeoutException.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/UnixResolverDnsServerAddressStreamProvider.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/LOGgingDnsQueryLifecycleObserver.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserverFactory.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/UnisquentialDnsServerAddressStreamProvider.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserver.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/SequentialDnsServerAddressStreamProvider.java
 * /opt/cola/permits/1302049259_1649313689.35/0/netty-resolver-dns-4-1-75-final-sources-1-jar/io/netty/resolver/dns/DnsServerAddressStreamProvider.java

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 * </pre>
 * *
 * <code>EARLY_ACCESS = 1;</code>
 */

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* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-jar/com/google/api/LaunchStage.java
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* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-jar/google/api/control.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-jar/google/api/documentation.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-jar/google/api/resource.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-jar/google/type/latlong.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-jar/google/type/dayofweek.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-jar/google/type/fraction.proto
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jar/google/api/distribution.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-
jar/google/cloud/audit/audit_log.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-
jar/google/geo/type/viewport.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-
jar/google/rpc/error_details.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-
jar/google/api/field_behavior.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-
jar/google/api/consumer.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-
jar/google/logging/type/log_severity.proto
* /opt/cola/permits/1199767240_1630583079.56/0/proto-google-common-protos-1-17-0-sources-1-
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1.310 nats 1.13.1-0.20211018182449-f2416a8b1483

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* /opt/ws_local/PERMITS_SQL/1083457150_1598192292.31/0/grpc-protobuf-1-30-2-sources-jar/io/grpc/protobuf/ProtoUtils.java

1.317 tomcat-embed-el 9.0.48

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1.330 jackson-dataformat-yaml 2.13.2

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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1.334 py3-webencodings 0.5.1-r4
1.334.1 Available under license :

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```python
import json
try:
    from urllib import urlopen
except ImportError:
    from urllib.request import urlopen
```
def assert_lower(string):
    assert string == string.lower()
    return string

def generate(url):
    parts = ['"
    ```
webencodings.labels
    ~~~~~~~~~~~~~~~~~~~~

Map encoding labels to their name.

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```

# XXX Do not edit!
# This file is automatically generated by mklabels.py

LABELS = {
    ""
}
labels = [
    (repr(assert_lower(label)).lstrip('u'),
     repr(encoding['name']).lstrip('u'))
    for category in json.loads(urlopen(url).read().decode('ascii'))
    for encoding in category['encodings']
    for label in encoding['labels']
]
max_len = max(len(label) for label, name in labels)
parts.extend(  
    f'{label}:{name} %s,
' % ('
    ' * (max_len - len(label)),
    for label, name in labels)
parts.append('}')
return ''.join(parts)

if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))

Found in path(s):
* /opt/cola/permits/1174847361_1630481812.81/0/python-webencodings-0-5-1-orig-1-tar-gz/webencodings-0.5.1/webencodings/mklabels.py
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from setuptools import setup, find_packages
import io
import os
import re

VERSION = re.search("VERSION = '([^']+)'", io.open(
    os.path.join(os.path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8').read().strip()).group(1)

LONG_DESCRIPTION = io.open(
    os.path.join(os.path.dirname(__file__), 'README.rst'),
    encoding='utf-8').read()

setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
    classifiers=[
        'Development Status :: 4 - Beta',
        'Intended Audience :: Developers',
        'License :: OSI Approved :: BSD License',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.6',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: Implementation :: CPython',
        'Programming Language :: Python :: Implementation :: PyPy',
        'Topic :: Internet :: WWW/HTTP',
    ],
    packages=find_packages(),
)
This is a Python implementation of the `WHATWG Encoding standard`<http://encoding.spec.whatwg.org/>.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker: https://github.com/gsnedders/python-webencodings
* PyPI releases: http://pypi.python.org/pypi/webencodings
* License: BSD
* Python 2.6+ and 3.3+

In order to be compatible with legacy web content
when interpreting something like ``Content-Type: text/html; charset=latin1``,
tools need to use a particular set of aliases for encoding labels
as well as some overriding rules.
For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually
aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence
over any other encoding declaration.
The Encoding standard defines all such details so that implementations do
not have to reverse-engineer each other.

This module has encoding labels and BOM detection,
but the actual implementation for encoders and decoders is Pythons.
Classifier: Programming Language :: Python :: 3.3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: Implementation :: CPython
Classifier: Programming Language :: Python :: Implementation :: PyPy
Classifier: Topic :: Internet :: WWW/HTTP

Found in path(s):
* /opt/cola/permits/1174847361_1630481812.81/0/python-webencodings-0.5.1-orig-1.tar.gz/webencodings-0.5.1/PKG-INFO
* /opt/cola/permits/1174847361_1630481812.81/0/python-webencodings-0.5.1-orig-1.tar.gz/webencodings-0.5.1/webencodings.egg-info/PKG-INFO

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* /opt/cola/permits/1174847361_1630481812.81/0/python-webencodings-0.5.1-orig-1.tar.gz/webencodings-0.5.1/webencodings/labels.py
* /opt/cola/permits/1174847361_1630481812.81/0/python-webencodings-0.5.1-orig-1.tar.gz/webencodings-0.5.1/webencodings/tests.py
* /opt/cola/permits/1174847361_1630481812.81/0/python-webencodings-0.5.1-orig-1.tar.gz/webencodings-0.5.1/webencodings/x_user_defined.py
* /opt/cola/permits/1174847361_1630481812.81/0/python-webencodings-0.5.1-orig-1.tar.gz/webencodings-0.5.1/webencodings/__init__.py

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python-webencodings

This is a Python implementation of the `WHATWG Encoding standard <http://encoding.spec.whatwg.org/>`_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker: https://github.com/gsnedders/python-webencodings
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In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules. For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.
The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Pythons.

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1.335 wget 1.21.2-r2

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1.337 google-uuid 1.3.0

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1.338 py3-tomli 1.2.2-r0

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1.339 vertx-core 4.2.7

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io.vertx.core.impl.launcher.commands.RunCommandFactory
io.vertx.core.impl.launcher.commands.VersionCommandFactory
io.vertx.core.impl.launcher.commands.BareCommandFactory

# Background application control
io.vertx.core.impl.launcher.commands.ListCommandFactory
io.vertx.core.impl.launcher.commands.StartCommandFactory
io.vertx.core.impl.launcher.commands.StopCommandFactory

Found in path(s):
* /opt/cola/permits/1340819365_1654719887.3958633/0/vertx-core-4.2.7-1-jar/META-INF/services/io.vertx.core.spi.launcher.CommandFactory

1.340 sqlx 1.3.4
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1.341 postgresql 42.3.3

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1.347 tre 0.8.0

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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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 */

/**
 * 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.
 *
 * 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.
 *
 * <p>
 * &lt;b&gt;lengthFieldOffset&lt;/b&gt; = &lt;b&gt;0&lt;/b&gt;
 * &lt;b&gt;lengthFieldLength&lt;/b&gt; = &lt;b&gt;2&lt;/b&gt;
 * 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" |
 *
 */
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.

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 |
| 0x000C | "HELLO, WORLD" |

BEFORE DECODE (14 bytes)  AFTER DECODE (14 bytes)
| Length | Actual Content |
| 0x000E | "HELLO, WORLD" |

BEFORE DECODE (14 bytes)  AFTER DECODE (14 bytes)
| Length | Actual Content |
| 0x000E | "HELLO, WORLD" |

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
lengthAdjustment. 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.

lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = -2 (= the length of the Length field)
initialBytesToStrip = 0

BEFORE DECODE (14 bytes)  AFTER DECODE (14 bytes)
| Length | Actual Content |
| 0x000E | "HELLO, WORLD" |

BEFORE DECODE (14 bytes)  AFTER DECODE (14 bytes)
| Length | Actual Content |
| 0x000E | "HELLO, WORLD" |

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 \texttt{lengthAdjustment}.
* 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
* \texttt{lengthAdjustment} = \texttt{-3} (= the length of HDR1 + LEN, negative)
* \texttt{initialBytesToStrip} = \texttt{3}  
* </pre>

* 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
*/

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  jar/io/netty/handler/codec/UnsupportedValueConverter.java
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  jar/io/netty/handler/codec/protocol/protobuf/ProtobufDecoderNano.java
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  jar/io/netty/handler/codec/protocol/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
  jar/io/netty/handler/codec/ProtocolDetectionResult.java
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* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
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* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
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* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/MessageToMessageDecoder.java

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* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/DecoderResultProvider.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/MessageToMessageDecoder.java
jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/LzfDecoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Crc32.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/MessageAggregationException.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/AsciiHeadersEncoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Lz4Constants.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/FastLz.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Bzip2Rand.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-
jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java

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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
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* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
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* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
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jar/io/netty/handler/codec/ValueConverter.java
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* /opt/cola/permits/1258898427_1643118299.31/0/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java
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1.349 colorama 0.4.4

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1.350 x-text 0.3.7

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1.352 lib-pq 1.10.4

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```
//go:build go1.10
// +build go1.10

package pq

import (  
    "context"
    "database/sql/driver"
)

// NoticeHandler returns the notice handler on the given connection, if any. A runtime panic occurs if c is not a pq connection. This is rarely used directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {  
    return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A runtime panic occurs if c is not a pq connection. A nil handler may be used to unset it. This is rarely used directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.

```
// Notice handlers are executed synchronously by pq meaning commands  
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
    c.(*conn).noticeHandler = handler
}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler  
// on it.
type NoticeHandlerConnector struct {
    driver.Connector
    noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the  
// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
    c, err := n.Connector.Connect(ctx)
    if err == nil {
        SetNoticeHandler(c, n.noticeHandler)
    }
    return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If  
// the given connector is not a result of ConnectorWithNoticeHandler, nil is  
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        return c.noticeHandler
    }
    return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given  
// connector. If the given connector is a result of calling this function  
// previously, it is simply set on the given connector and returned. Otherwise,  
// this returns a new connector wrapping the given one and setting the notice  
// handler. A nil notice handler may be used to unset it.

// The returned connector is intended to be used with database/sql.OpenDB.

// Notice handlers are executed synchronously by pq meaning commands  
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        c.noticeHandler = handler
        return c
    }
}
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DomainDataRegionConfigImpl build() {

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DomainDataRegion buildDomainDataRegion'

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in upgrading. It will be removed in a later version."

Instead, for common transaction-related tasks users must utilize a proprietary API known as ExtendedJTATransaction.

public DomainDataRegion buildDomainDataRegion('  

Expert Group and released to the public domain, as explained at

public DomainDataRegionImpl('  

a proprietary CDI extension SPI (that we have proposed to

public DomainDataRegion getRegion() {  

1.354 acl 2.2.53-r0

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package org.HdrHistogram;

final class Version {
    public static final String version="$VERSION$";
    public static final String build_time="$BUILD_TIME$";
}

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## 1.361 go-yaml 2.4.0

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* /opt/ws_local/PERMITS_SQL/1083459498_1598192314.5/0/grpc-stub-1-30-2-sources-jar/io/grpc/stub/ClientCalls.java

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1.370 zap 1.17.0

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jar/io/netty/channel/ChannelOutboundBuffer.java
* /opt/ cola/ permits/1258896510_1643118317.74/0/netty-transport-4-1-48-final-sources-
jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/ cola/ permits/1258896510_1643118317.74/0/netty-transport-4-1-48-final-sources-
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jar/io/netty/channel/DefaultMessageSizeEstimator.java
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jar/io/netty/channel/DefaultAddressedEnvelope.java
* /opt/ cola/ permits/1258896510_1643118317.74/0/netty-transport-4-1-48-final-sources-
jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /opt/ cola/ permits/1258896510_1643118317.74/0/netty-transport-4-1-48-final-sources-
jar/io/netty/channel/DefaultChannelId.java
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jar/io/netty/bootstrap/ChannelFactory.java
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jar/io/netty/channel/group/ChannelGroupException.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 [ ChannelPipeline ].

Sub-types:
- ChannelInboundHandler to handle inbound I/O events, and
- ChannelOutboundHandler to handle outbound I/O operations.

Alternatively, the following adapter classes are provided for your convenience:
- ChannelInboundHandlerAdapter to handle inbound I/O events,
- ChannelOutboundHandlerAdapter to handle outbound I/O operations,
- ChannelDuplexHandler to handle both inbound and outbound events

For more information, please refer to the documentation of each subtype.

The context object:
A ChannelHandler is provided with a ChannelHandlerContext object. A ChannelHandler is supposed to interact with the ChannelPipeline it belongs to via a context object. Using the context object, the ChannelHandler can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using 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; {
*     private boolean loggedIn;
*     <b>@Override</b>
*     public void channelRead0([@link ChannelHandlerContext] ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             loggedIn = true;<b>}</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>true? </b> loggedIn) {
*                 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; {
*     <b>@Override</b>
*     public void initChannel([@link Channel] channel) {
*         channel.pipeline().addLast("handler", &lt;b&gt;new DataServerHandler()&lt;/b&gt;);
*     }
* }
* </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) {
*         Attribute&lt;Boolean&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             attr.set(true);
*         } else (message instanceof GetDataMessage) {
*             if ([Boolean.TRUE.equals(attr.get())] ) {
*                 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>
* In the example above which used an [@link AttributeKey],
you might have noticed the `@Sharable` annotation.

If a `ChannelHandler` is annotated with the `@Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `ChannelPipeline`s multiple times without a race condition.

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.

This annotation is provided for documentation purpose, just like the JCIP annotations.

Please refer to the `ChannelHandler`, and `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.

Additional resources worth reading:

Please refer to the `ChannelHandler`, and `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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  jar/io/netty/channel/embedded/EmbeddedChannelId.java
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1.375 prometheus-common 0.32.1

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1.385 grpc-grpclb 1.46.0

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* /opt/cola/permits/1340819615_1654719885.5970237/0/grpc-grpclb-1-46-0-1-jar/grpc/lb/v1/load_balancer.proto

1.386 python-certifi 2021.05.30

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This package contains a modified version of ca-bundle.crt:

c-a-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov  3 19:04:19 2011#
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@(#) SRCFile: certdata.txt,v $Revision: 1.80 $Date: 2011/11/03 15:11:58 $
1.387 go.uber.org/atomi 1.7.0

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1.388 python-pip 20.3.4

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software
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Open Source Used In Crosswork Zero Touch Provisioning 4.0.0 2943
Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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c-a-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.

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1.389 py3-cachecontrol 0.12.10-r0

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Metadata-Version: 2.1
Name: CacheControl
Version: 0.12.10
Summary: httplib2 caching for requests
Home-page: https://github.com/ionrock/cachecontrol
Author: Eric Larson
Author-email: eric@ionrock.org
License: UNKNOWN
Description: ..

   SPDX-FileCopyrightText: 2015 Eric Larson

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==============
CacheControl
==============

.. image:: https://img.shields.io/pypi/v/cachecontrol.svg
   :target: https://pypi.python.org/pypi/cachecontrol
   :alt: Latest Version

.. image:: https://travis-ci.org/ionrock/cachecontrol.png?branch=master
   :target: https://travis-ci.org/ionrock/cachecontrol
CacheControl is a port of the caching algorithms in httplib2 for use with requests session object.

It was written because httplib2's better support for caching is often mitigated by its lack of thread safety. The same is true of requests in terms of caching.

Quickstart
==========

.. code-block:: python

    import requests

    from cachecontrol import CacheControl

    sess = requests.session()
    cached_sess = CacheControl(sess)

    response = cached_sess.get('http://google.com')

If the URL contains any caching based headers, it will cache the result in a simple dictionary.

For more info, check out the docs_

.. _docs: http://cachecontrol.readthedocs.org/en/latest/
.. _httplib2: https://github.com/httplib2/httplib2
.. _requests: http://docs.python-requests.org/

Keywords: requests http caching web
Platform: UNKNOWN
Classifier: Development Status :: 4 - Beta
Classifier: Environment :: Web Environment
Classifier: License :: OSI Approved :: Apache Software License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: 3.7
Classifier: Programming Language :: Python :: 3.8
Classifier: Programming Language :: Python :: 3.9
Classifier: Programming Language :: Python :: 3.10
Classifier: Topic :: Internet :: WWW/HTTP
Requires-Python: >=3.6
Provides-Extra: redis
Provides-Extra: filecache
1.390 py3-retrying 1.3.3-r2

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1.391 py3-progress 1.6-r0

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 * Allowing them being read would mean anyone with access to the channel could get them.
 */
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/*

 * Set the `TCP_MD5SIG` option on the socket. See `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/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java
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* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/package-info.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollEventLoop.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollEventLoopGroup.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollChannelOption.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannel.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/Epoll.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollITcpInfo.java

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* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/Native.java

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  jar/netty_epoll_linuxsocket.c
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-
  jar/netty_epoll_linuxsocket.h
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-
  jar/io/netty/channel/epoll/LinuxSocket.java
* /opt/cola/permits/1258894767_1643118297.5/0/netty-transport-native-epoll-4-1-48-final-sources-
  jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java
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Manifest-Version: 1.0
BoringSSL-Revision: 243b5cc9e33979ae2afa79eaa4e4c8d59db161d4
Bundle-Description: A Mavenized fork of Tomcat Native which incorporates various patches. This artifact is statically linked to BoringSSL and Apache APR.
Appli-Version: 1.6.5
Automatic-ModuleName: io.netty.tcnative.boringssl
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.tcnative-boringssl-static
Archiver-Version: Plexus Archiver
Built-By: norman
Bnd-LastModified: 1584602214305
Bundle-ManifestVersion: 2
Bundle-DocURL: http://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional
Tool: Bnd-2.1.0.20130426-122213
Export-Package: io.netty.internal.tcnative;version="2.0.30.Final"
Bundle-Name: Netty/TomcatNative [BoringSSL - Static]
Bundle-Version: 2.0.30.Final
BoringSSL-Branch: chromium-stable
Bundle-NativeCode: META-INF/native/libnetty_tcnative.jnilib;osname=osx;;processor=x86_64
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_232

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* https://github.com/eclipse-ee4j/jaxb-api
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* java.servlet:javax.servlet-api  
* java.annotation:javax.annotation-api  
* java.transaction:javax.transaction-api  
* java.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. 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.
1.409 jackson-datatype-jdk8 2.13.2

1.409.1 Available under license:

Apache-2.0