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/\/

update-ca-trust(8)

=============

:doctype: manpage
:man source: update-ca-trust

NAME

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

SYNOPSIS

--------

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

DESCRIPTION

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

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

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

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

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

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

The output is produced using the 'update-ca-trust' command (without parameters), or using the 'update-ca-trust extract' command. In order to produce the output, a flexible set of source configuration is read, as described in section <<sourceconf,SOURCE CONFIGURATION>>.

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

[[sourceconf]]

SOURCE CONFIGURATION
----------------------
The dynamic configuration feature uses several source directories that will be scanned for any number of source files. *It is important to select the correct subdirectory for adding files, as the subdirectory defines how contained certificates will be trusted or distrusted, and which file formats are read.*

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

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

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

* If you are manually adding a configuration file to a system, you probably
want it to override any other default configuration, and you most likely should add it to the respective subdirectory in the /etc hierarchy.
* If you are creating a package that provides additional root CA certificates, that is intended for distribution to several computer systems, but you still want to allow the administrator to override your list, then your package should add your files to the respective subdirectory in the /usr hierarchy.
* If you are creating a package that is supposed to override the default system trust settings, that is intended for distribution to several computer systems, then your package should install the files to the respective subdirectory in the /etc hierarchy.

**QUICK HELP 1**: To add a certificate in the simple PEM or DER file formats to the list of CAs trusted on the system:
* add it as a new file to directory /etc/pki/ca-trust/source/anchors/
* run 'update-ca-trust extract'

**QUICK HELP 2**: If your certificate is in the extended BEGIN TRUSTED file format (which may contain distrust/blacklist trust flags, or trust flags for usages other than TLS) then:
* add it as a new file to directory /etc/pki/ca-trust/source/
* run 'update-ca-trust extract'

In order to offer simplicity and flexibility, the way certificate files are treated depends on the subdirectory they are installed to.
* simple trust anchors subdirectory: /usr/share/pki/ca-trust-source/anchors/ or /etc/pki/ca-trust/source/anchors/
* simple blacklist (distrust) subdirectory: /usr/share/pki/ca-trust-source/blacklist/ or /etc/pki/ca-trust/source/blacklist/
* extended format directory: /usr/share/pki/ca-trust-source/ or /etc/pki/ca-trust/source/

In the main directories /usr/share/pki/ca-trust-source/ or /etc/pki/ca-trust/source/ you may install one or multiple files in the following file formats:
* certificate files that include trust flags, in the BEGIN/END TRUSTED CERTIFICATE file format (any file name), which have been created using the openssl x509 tool and the -addreject -addtrust options. Bundle files with multiple certificates are supported.
* files in the p11-kit file format using the .p11-kit file name extension, which can (e.g.) be used to distrust certificates based on serial number and issuer name, without having the full certificate available.
  (This is currently an undocumented format, to be extended later. For examples of the supported formats, see the files shipped with the ca-certificates package.)
* certificate files without trust flags in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format (any file name). Such files will be added with neutral trust, neither trusted nor distrusted. They will simply be known to the system, which might be helpful to assist cryptographic software in constructing chains of certificates.
  (If you want a CA certificate in these file formats to be trusted, you should remove it from this directory and move it to the
In the anchors subdirectories `/usr/share/pki/ca-trust-source/anchors/` or `/etc/pki/ca-trust/source/anchors/` you may install one or multiple certificates in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format. Each certificate will be treated as *trusted* for all purposes.

In the blacklist subdirectories `/usr/share/pki/ca-trust-source/blacklist/` or `/etc/pki/ca-trust/source/blacklist/` you may install one or multiple certificates in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format. Each certificate will be treated as *distrusted* for all purposes.

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

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

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

[[extractconf]]

EXTRACTED CONFIGURATION

------------------------

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

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

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

In order to install new trusted or distrusted certificates, please rather install them in the respective subdirectory below the

---

Open Source Used In Telstar 7.6.2 52
The directory `/etc/pki/ca-trust/extracted/java/` contains a CA certificate bundle in the java keystore file format. Distrust information cannot be represented in this file format, and distrusted certificates are missing from these files. File `cacerts` contains CA certificates trusted for TLS server authentication.

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

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

**COMMANDS**

-------

(absent/empty command)::

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

*extract*::

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

**FILES**

-----

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

Classic filename, file contains a list of CA certificates trusted for TLS server authentication usage, in the simple BEGIN/END CERTIFICATE file format, without distrust information. This file is a symbolic link that refers to the consolidated output created by the update-ca-trust command.

`/etc/pki/tls/certs/ca-bundle.trust.crt`::
Classic filename, file contains a list of CA certificates in the extended BEGIN/END TRUSTED CERTIFICATE file format, which includes trust (and/or distrust) flags specific to certificate usage. This file is a symbolic link that refers to the consolidated output created by the update-ca-trust command.

/etc/pki/java/cacerts::
Classic filename, file contains a list of CA certificates trusted for TLS server authentication usage, in the Java keystore file format, without distrust information. This file is a symbolic link that refers to the consolidated output created by the update-ca-trust command.

/usr/share/pki/ca-trust-source::
Contains multiple, low priority source configuration files as explained in section <<sourceconf,SOURCE CONFIGURATION>>. Please pay attention to the specific meanings of the respective subdirectories.

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

/etc/pki/ca-trust/extracted::
Contains consolidated and automatically generated configuration files for consumption by applications, which are created using the 'update-ca-trust extract' command. Don't edit files in this directory, because they will be overwritten. See section <<extractconf,EXTRACTED CONFIGURATION>> for additional details.

AUTHOR
------
Written by Kai Engert and Stefan Walter.

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Found in path(s):
* /opt/cola/permits/1348298798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7_8.src.rpm-cosi-expand-archive-L3wXukb/update-ca-trust.8.txt
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* /opt/cola/permits/1348298798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7_8.src.rpm-cosi-expand-archive-L3wXukb/certdata2pem.py
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ca-legacy(8)
============
:doctype: manpage
:man source: ca-legacy

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

SYNOPSIS
--------
*ca-legacy* ['COMMAND']

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

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

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

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

The general requirements to keep legacy CA certificates included and trusted might change over time, for example if functional limitations of software packages have been resolved.
Future versions of the ca-certificates package might reduce the set of legacy CA certificates that are included and trusted by default.

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

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

COMMANDS
--------
*check*::
The current configuration will be shown.

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

*disable*::
Configure the system to explicitly disable legacy CA certificates. Using this configuration, the system will use the set of included and trusted CA certificates as released by Mozilla.

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

FILES
-----
/etc/pki/ca-trust/ca-legacy.conf::
A configuration file that will be used and modified by the ca-legacy command. The contents of the configuration file will be read on package upgrades.

AUTHOR
------
Written by Kai Engert.

Found in path(s):
* /opt/cola/permits/1348498798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7_8.src.rpm-cosi-expand-archive-L3IwXukb/ca-legacy.8.txt
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* /opt/cola/permits/1348498798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7_8.src.rpm-cosi-expand-archive-L3IwXukb/ca-certificates.spec
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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_ISSUER DER+base64 (varies)
# CKA_CERT_HASH binary+base64 (varies)
# CKA_EXPIRES CK_DATE (not used here)
# CKA_TRUST_DIGITAL_SIGNATURE CK_TRUST (varies)
# CKA_TRUST_NON_REPUDIATION CK_TRUST (varies)
# CKA_TRUST_KEY_ENCIPHERMENT CK_TRUST (varies)
# CKA_TRUST_DATA_ENCIIPHERMENT  CK_TRUST  (varies)
# CKA_TRUST_KEY_AGREEMENT  CK_TRUST  (varies)
# CKA_TRUST_KEY_CERT_SIGN  CK_TRUST  (varies)
# CKA_TRUST_CRL_SIGN  CK_TRUST  (varies)
# CKA_TRUST_SERVER_AUTH  CK_TRUST  (varies)
# CKA_TRUST_CLIENT_AUTH  CK_TRUST  (varies)
# CKA_TRUST_CODE_SIGNING  CK_TRUST  (varies)
# CKA_TRUST_EMAIL_PROTECTION  CK_TRUST  (varies)
# CKA_TRUST_IPSEC_END_SYSTEM  CK_TRUST  (varies)
# CKA_TRUST_IPSEC_TUNNEL  CK_TRUST  (varies)
# CKA_TRUST_IPSEC_USER  CK_TRUST  (varies)
# CKA_TRUST_TIME_STAMPING  CK_TRUST  (varies)
# CKA_TRUST_STEP_UP_APPROVED  CK_BBOOL  (varies)
# (other trust attributes can be defined)
#

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

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

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

BEGINCERTIFICATE

CKA_CLASS CK_OBJECT_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_SUBJECT MULTILINE_OCTAL
0601\270\066\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
\327\203\064\377\054\052\301\154\031\103\112\007\205\347\323\174
\366\041\150\357\352\362\122\237\177\223\220\317\002\003\001\000
\001\243\102\060\100\006\000\16\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\006\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\140\173\146\032\105\015\227\312\122\11\20\057\175\004\315\064
\250\377\374\375\113\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\022\001\001\000\032\636\163\347\174\117\166\320
\21\527\354\223\224\276\064\305\050\062\226\157\374\154\234\054
\053\275\011\236\123\277\153\136\252\021\11\026\634\010\243\263
\312\075\141\115\323\116\011\263\076\303\040\343\143\125\033\362
\27\23\357\255\071\341\103\327\070\243\346\057\21\20\046\073\357\240
\12\01\26\371\130\061\23\375\070\315\304\013\160\121\224\227\230\004
\337\303\137\224\325\025\311\024\101\234\304\135\165\144\025\015
\377\125\060\354\206\217\377\015\153\357\054\271\143\106\366\252\237
\337\274\151\375\056\022\110\144\232\340\225\360\046\357\051\217
\001\261\025\263\014\035\245\357\151\054\151\044\170\036\263\247
\034\161\142\356\312\310\227\54\254\027\135\212\302\370\107\206\156
\052\304\126\060\122\253\320\147\211\205\053\371\154\246\135\106\235
\014\252\202\344\231\121\135\160\267\333\126\075\141\344\152\341
\134\326\366\376\075\336\101\131\007\256\143\122\277\123\123\364
\053\351\307\375\266\637\202\137\205\322\101\030\333\201\263\004
\034\305\303\244\200\157\025\040\311\336\014\210\012\035\326\146
\125\342\374\110\311\051\046\151\340
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# 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:c3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
# Class: CK_OBJECT_CLASS
# Token: CK_TRUE
# Private: CK_FALSE
# Modifiable: CK_FALSE
# Label: UTF8 "GlobalSign Root CA"
# SHA1 HASH MULTILINE_OCTAL
\261\274\226\213\324\264\235\142\052\250\232\201\362\025\001\122
\244\035\202\234
END
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\076\105\122\025\011\121\222\341\267\135\067\237\261\207\051\212

Open Source Used In Telstar 7.6.2 60
# Certificate "GlobalSign Root CA - R2"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Serial Number:04:00:00:00:01:0f:86:26:e6:0d
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Not Valid Before: Fri Dec 15 08:00:00 2006
# Not Valid After : Wed Dec 15 08:00:00 2021

cka_issuer multiline_octal
\060\127\061\130\060\003\125\004\006\023\012\010\050\061
\03\060\027\000\003\125\004\012\023\020\010\154\157\142\141\154
\123\151\147\156\040\156\016\165\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\010\010\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\101

cka_class CK_OBJECT_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 - R2"

cka_certificate_type CK_CERTIFICATE_TYPE CKC_X_509

cka_subject multiline_octal
\060\127\061\130\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\062\061\023\060\021\006\003\125\004\012\023\012\010
\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

cka_id UTF8 "0"

cka_issuer multiline_octal
\060\127\061\130\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\062\061\023\060\021\006\003\125\004\012\023\012\010
\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
\123\207\034\150\227\206\221\354\340\112\270\104\013\253\201\254
\047\171\326\301\270\034\103\170\263\014\232\374\352\054\074\156
\141\033\115\113\051\365\237\005\035\046\301\270\351\203\000\142
\105\266\251\10\223\271\251\063\113\030\232\203\270\207\210\116
\333\335\161\064\032\301\112\432\106\077\340\323\052\253\155\124
\042\065\072\142\315\040\157\272\051\121\327\335\221\356\323\134
\242\076\241\133\11\365\337\345\144\103\055\351\325\071\253\322
\242\337\267\213\332\030\200\031\034\055\300\055\214\350\370\055
\244\164\162\111\305\050\265\170\253\336\156\104\170\071\207\250
\176\273\363\171\030\221\273\364\157\235\301\360\214\065\214\135
\001\373\303\155\271\375\104\155\171\106\061\176\012\376\251\202
\301\377\357\253\156\040\304\120\311\117\325\115\153\302\272\214\014
\345\001\311\240\101\152\163\123\372\245\120\264\156\045\101\173\373
\114\030\364\375\122\331\216\151\261\350\021\107\336\210\330\373
\035\11\367\252\336\225\317\040\170\302\140\022\333\045\100\214
\152\374\176\102\070\100\144\022\367\236\201\341\223\056
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "GlobalSign Root CA - R2"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Serial Number:04:00:00:00:00:01:0f:86:26:e6:0d
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Not Valid Before: Fri Dec 15 08:00:00 2006
# Not Valid After: Wed Dec 15 08:00:00 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 "GlobalSign Root CA - R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\165\340\253\162\023\205\022\047\034\004\370\137\335\336\070\344
\267\044\056\376
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\224\024\167\176\076\136\375\217\060\275\101\260\137\347\320\060
END

CKA_ISSUER MULTILINE_OCTAL
\060\141\066\014\060\036\060\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\101\010
\055\040\122\062\206\102\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\102\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
# 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",O=VeriSign Trust Network,C=US
# Serial Number: 00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",O=VeriSign Trust Network,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_TRUE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL 0
CKA_ISSUER MULTILINE_OCTAL 0
CKA_SERIAL_NUMBER MULTILINE_OCTAL 0
CKA_ID UTF8 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 Certificate "Verisign Class 1 Public Primary Certification Authority - G3"
# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
# 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_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\040\102\205\334\367\353\166\101\225\127\216\023\153\324\267\321
\351\216\106\245
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\261\107\274\030\127\321\030\240\170\055\354\161\350\052\225\163
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\056\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\012\162\165
\163\164\040\011\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\013\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110
\316\261\244
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\25\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\012\010\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\010\006\003\125\004\003\023
\107\142\165\162\151\123\151\147\156\040\103\154\141\163\163\040
\002\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\104\010\135\142\164\161\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\040\055\040\107\063
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\25\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\012\010\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\010\006\003\125\004\003\023
\107\142\165\162\151\123\151\147\156\040\103\154\141\163\163\040
\002\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\104\010\135\142\164\161\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\040\055\040\107\063
END

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

CKA_VALUE MULTILINE_OCTAL
\002\020\040\141\160\313\111\214\137\230\105\051\347\260\246\331\120
\133\172
END
# 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
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
END
CKA_ISSUER MULTILINE_OCTAL
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
Open Source Used In Telstar 7.6.2  71

# Certificate "Verisign Class 3 Public Primary Certification Authority - G3"

# Issuer: CN=VeriSign Class 3 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 3 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 3 Public Primary Certification Authority - G3"

CKA_ID UTF8 "0"
# Trust for Certificate "Verisign Class 3 Public Primary Certification Authority - G3"
# Issuer: CN=VeriSign Class 3 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 3 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
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

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Open Source Used In Telstar 7.6.2 73
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 3 Public Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\023\055\015\105\123\113\151\122\315\262\325\303\071\342\125\166
\140\233\134\306
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\150\266\247\307\304\316\165\340\035\117\127\104\141\222\011
CKA_ISSUER MULTILINE_OCTAL
\060\021\132\061\013\060\001\111\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\060\107\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\026\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\163
\063\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\161\160\157\162\151\154\171\104\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\023\313\176\006\111\124\330\076\142\271\325\356\220\110\161
\051\357\127
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

# Distrust "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 1/3)"
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,O=VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O=VeriSign, Inc.",C=US
# Serial Number:4c:00:36:1b:e5:08:2b:a9:aa:ce:74:0a:05:3:e:fb:34
# Subject: CN=Egypt Trust Class 3 Managed PKI Enterprise Administrator CA,OU=Terms of use at https://www.egypttrust.com/repository/rpa (c)08,OU=VeriSign Trust Network,O=Egypt Trust,C=EG
# Not Valid Before: Sun May 18 00:00:00 2008
CKA_ISSUER MULTILINE_OCTAL
\060\020\131\262\013\260\011\266\260\023\200\202\125\123
\061\027\060\025\066\003\125\200\043\202\232\206\256\256\256\256\256
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\202\261\262\145\162\151\231\147\156\040\124\162\165
\163\164\040\111\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\203\206\010\050\043\051\040\043\201\145\162\151
\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\151\157\162\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\030\203
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\145\151\143\040\120\162\151\155\141\162\171
\104\013\145\162\164\151\146\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\076\014\236\207\151\252\225\134\352\043\330\105\236\324
\133\121
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

# Distrust "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 3/3)"
# Issuer: CN=VeriSign Class 3 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=Egypt Trust Class 3 Managed PKI SCO Administrator CA,OU=Terms of use at
https://www.egypttrust.com/repository/rpa (c)08,OU=VeriSign Trust Network,O=Egypt Trust,C=EG
# Not Valid Before: Sun May 18 00:00:00 2008
# Not Valid After : Thu May 17 23:59:59 2018
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 3/3)"

CKA_ISSUER MULTILINE_OCTAL
\060\020\131\262\013\260\011\266\260\023\200\202\125\123
\061\027\060\025\066\003\125\200\043\202\232\206\256\256\256\256\256
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\202\261\262\145\162\151\231\147\156\040\124\162\165
\163\164\040\111\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\203\206\010\050\043\051\040\043\201\145\162\151
\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END

CKA_SERIALNUMBER MULTILINE_OCTAL
\002\020\022\275\046\242\256\063\300\177\044\173\152\130\151\362
\012\166
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 "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_OBJECTCLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOLE CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\01\100\060\076\006\003\125
\004\013\024\067\167\167\167\156\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\104\162\145\146\056\040\050\154\151
\155\151\156\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\154\144\006\016\063\060\061\006\000\03\125\004\003\023\052\015\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END

CKA_ID UTF8 "0"
# 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

END

CXA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CXA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CXA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Open Source Used In Telstar 7.6.2  79
# 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\222\175\175
\145\055\064\061
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\356\051\061\274\062\176\023\346\350\265\367\121\264\064\161\220
END

CKA_ISSUER MULTILINE_OCTAL
\060\020\126\040\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\000\0125
\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\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\040\050\143\051\040\061\071\071\071\040\0105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\070\143\336\370
END

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

# Certificate "Baltimore CyberTrust Root"
#
# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Serial Number: 33554617 (0x20000b9)
# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Not Valid Before: Fri May 12 18:46:00 2000
# Not Valid After : Mon May 12 23:59:00 2025
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Baltimore CyberTrust Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\001\110\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\012\060\040\006\003\125\004
\003\023\031\012\141\154\164\151\155\157\162\145\040\010\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\001\110\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\012\060\040\006\003\125\004
\003\023\031\012\141\154\164\151\155\157\162\145\040\010\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\002\000\000\271
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\060\020\022\013\177\240\003\002\001\022\002\004\002
\000\000\002\171\060\015\006\011\052\206\110\026\367\015\001\001\005
\005\000\006\013\026\010\006\011\006\003\125\004\006\023\002\111
\105\061\022\060\020\006\003\125\004\012\023\011\102\141\154\164
\151\155\157\162\145\061\023\060\021\006\003\125\004\013\023\012
\103\171\142\145\162\124\162\165\163\164\012\060\040\006\003
\125\004\030\023\031\012\141\154\164\151\155\157\162\145\040\010
\171\142\145\162\124\162\165\163\164\040\122\157\157\164\060\036
\027\015\060\060\060\065\061\062\061\070\064\066\060\060\132\022\027
\015\060\065\060\065\060\062\062\063\065\071\060\060\060\132\060\132
\061\013\060\011\006\003\125\004\006\023\002\111\105\061\022\060
\020\000\006\003\125\004\012\023\011\102\141\154\164\151\155\157\162
\145\061\023\060\020\116\006\003\125\004\013\023\012\103\171\142\145
\162\124\162\165\163\164\012\060\040\006\003\125\004\003\023
\031\102\141\154\164\151\155\157\162\145\040\010\171\142\145\162
\124\162\165\163\164\040\122\157\157\164\060\020\020\010\042\060\015
\006\011\052\206\110\026\367\015\001\001\005\000\003\202\002
\017\000\060\020\020\01\12\002\202\020\01\000\243\004\273\042\253
\230\075\127\350\046\162\232\265\171\342\051\342\341\350\225\200
\261\126\343\133\216\035\035\123\214\143\337\241\135\355\260\011\005
\155\333\050\056\316\142\242\142\376\264\210\332\022\353\070\353
# 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
CK_TOKEN CK_BBOOL CK_TRUE
CK_PRIVATE CK_BBOOL CK_FALSE
CK_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Baltimore CyberTrust Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\324\336\040\320\136\146\374\123\376\032\120\210\054\170\333\050
\122\312\344\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\254\266\224\245\234\027\340\327\221\122\233\261\227\006\246\344
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\060\000\032\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\011\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\0271
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\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\060\000\032\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\011\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

Open Source Used In Telstar 7.6.2  83
# 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:00:01:3D: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

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\326\245\303\355\135\335\076\000\301\075\207\222\037\035\077\344

CKA_ISSUER MULTILINE_OCTAL
\263\036\261\267\100\343\154\204\002\332\334\067\324\115\365\324

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 "GeoTrust Global CA"

# Issuer: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Serial Number: 144470 (0x23456)
# Subject: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Tue May 21 04:00:00 2002
# Not Valid After: Sat May 21 04:00:00 2022

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Global CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

\060\102\061\013\060\001\100\060\003\125\004\006\023\002\125\123\061
\026\060\002\400\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\102\061\013\060\001\100\060\003\125\004\006\023\002\125\123\061
\026\060\002\400\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\002\064\126

END

CKA_VALUE MULTILINE_OCTAL
\060\02\003\002\064\126

END
# Trust for Certificate "GeoTrust Global CA"
# Issuer: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Serial Number: 144470 (0x23456)
# Subject: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Tue May 21 04:00:00 2002
# Not Valid After : Sat May 21 04:00:00 2022
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Global CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\336\050\364\244\377\345\271\057\243\305\003\321\243\111\247\371
\226\052\202\022
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\367\165\253\051\373\121\116\267\167\136\377\005\074\231\216\365
END
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\103\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\103\106\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\002\064\126
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 "GeoTrust Universal CA"
#
# Issuer: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After : Sun Mar 04 05:00:00 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 "GeoTrust Universal CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\015\061\013\060\011\100\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\115\143\056\061\103\060\003\04\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101

END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\015\061\013\060\011\100\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\115\143\056\061\103\060\003\04\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001

END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\150\060\020\003\120\240\003\002\001\002\002\001\001
\060\105\061\013\060\011\100\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\115\143\056\061\103\060\003\04\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101
\060\065\060\060\060\060\132\027\015\062\071\106\063\060\064\060
\065\060\060\060\060\060\132\060\015\061\013\060\011\100\006\003\125\004
\006\020\003\125\123\061\102\060\024\006\003\125\004\012\023\015
\107\145\157\124\162\165\163\164\040\111\115\143\056\061\103\060\060
\034\006\003\125\004\003\023\025\107\145\157\124\162\165\163\164
\104\015\156\151\166\145\157\124\162\165\163\164
\100\155\125\141\154\040\103\101
\042\060\015\060\011\105\206\110\100\067\015\001\001\001\005\000
\003\020\003\020\017\000\060\020\002\012\002\020\002\001\100\006\246
\125\240\124\133\130\340\037\121\123\50\141\120\327\301\126\053\133\265
\124\236\241\331\162\130\275\000\033\014\277\114\131\102\40\351\105
\020\253\130\035\200\132\075\135\032\020\234\072\125\155\124\83\074

Open Source Used In Telstar 7.6.2  90
# Trust for Certificate "GeoTrust Universal CA"
# Issuer: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After: Sun Mar 04 05:00:00 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
CKA_LABEL UTF8 "GeoTrust Universal CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\346\041\363\065\103\171\005\232\113\150\060\235\212\057\164\042\025\207\354\171
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\222\145\130\213\242\032\061\162\163\150\134\264\245\172\007\110
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\1\13\060\011\006\003\125\004\006\023\002\125\123\061
\273\066\030\233\205\017\025\335\356\055\254\166\223\271\331\001
\215\110\020\250\373\365\070\020\361\333\012\030\627\204\243\043
\10\363\326\167\157\205\324\205\034\120\340\256\121\122\272\215
\076\166\342\271\312\047\362\137\237\357\156\131\015\006\330\053
\027\244\322\174\153\273\137\024\032\110\217\032\114\347\263\107
\034\216\114\105\050\304\035\66\110\337\347\335\011\216\030\250\332
\100\215\222\046\021\123\141\163\135\353\275\347\304\115\051\067
\141\135\254\071\055\147\056\206\326\365\000\203\205\204\241\14\177
\166\304\175\344\267\113\146\357\003\105\140\151\266\014\122\226
\222\204\136\246\243\265\244\076\053\133\134\330\033\107\252\362
\104\332\117\371\003\350\360\024\313\077\363\203\336\320\303\1124
\343\267\350\012\066\115\213\040\131\003\060\031\241\054\310\275
\021\037\337\256\311\112\305\363\047\146\146\206\254\150\221\377
\331\346\123\034\017\213\134\151\145\012\046\310\036\064\303\135
\121\173\327\251\123\040\241\066\335\325\211\224\274\331\144\055
\014\136\011\154\010\227\174\243\075\174\223\377\077\241\024\247
\331\265\135\353\333\333\034\304\166\337\210\271\275\105\005\0225
\033\256\374\016\152\142\257\110\334\316\256\017\322\176\353\346
\154\234\117\201\152\172\144\254\273\076\325\347\313\166\056\305
\247\110\301\134\220\017\313\310\077\372\346\062\341\125\033\157
\244\346\216\330\371\051\110\212\316\163\376\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

Open Source Used In Telstar 7.6.2  92
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 "GeoTrust Universal CA 2"
#
# Issuer: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After : Sun Mar 04 05:00:00 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 "GeoTrust Universal CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\000\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\011\111\156\143\056\061\040\060\036\006\003\125\004\003
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101\040\062
END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\000\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\011\111\156\143\056\061\040\060\036\006\003\125\004\003
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101\040\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END

CKA_VALUE MULTILINE_OCTAL
BEGIN

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 "GeoTrust Universal CA 2"
# Issuer: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US

20393

END

Open Source Used In Telstar 7.6.2  95


# 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
\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
CKA_CLASS CK_OBJECT_CLASS 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\020\214\251
END
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\001\100\060\003\125\004\006\023\002\120\114\061
\033\060\031\060\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

# Trust for 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

OSU Used In Telstar 7.6.2

Open Source Used In Telstar 7.6.2
# 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

END

# 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

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 "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\136\140027
\144\330\343\111
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\321\353\043\244\155\027\326\217\331\045\144\302\361\136\140027
\144\330\343\111
END

CKA_ISSUER MULTILINE_OCTAL
\060\173\061\13\060\011\006\003\125\004\006\023\002\107\102\061
# Certificate "QuoVadis Root CA"

# Issuer: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis Limited,C=BM

# Serial Number: 985026699 (0x3ab6508b)
# Subject: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis Limited,C=BM

# Not Valid Before: Mon Mar 19 18:33:33 2001
# Not Valid After : Wed Mar 17 18:33:33 2021

# Fingerprint (MD5): 27:DE:36:FE:72:B7:00:03:00:9D:F4:F0:1E:6C:04:24

CKA_CLASS CK_OBJECT_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"
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
# Trust for Certificate "QuoVadis Root CA"
# Issuer: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Serial Number: 985026699 (0x3ab6508b)
# Subject: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Not Valid Before: Mon Mar 19 18:33:33 2001
# Not Valid After : Wed Mar 17 18:33:33 2021
# Fingerprint (MD5): 27:DE:36:FE:72:B7:00:03:00:9D:F4:F0:1E:6C:04:24

CKA_CLASS CK_OBJECT_CLASS 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"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\373\346\027\212\314\045\071\061\201\173\023\042\121\272\106\154\241\273\236\324\004\211\230\055\372\230\350\344\357\062\231\003\072\212\314\124\045\071\061\201\173\023\042\121\272\106\154\241\273\236\324\004\154\111\110\046\164\217\322\163\353\314\060\242\346\352\131\042\207\370\227\365\016\375\352\314\222\244\026\304\122\030\352\041\316\261\361\346\204\201\345\272\251\206\050\362\103\132\135\022\335\254\036\331\250\345\012\152\247\177\240\207\370\137\362\211\115\324\354\305\342\346\172\320\066\043\212\112\164\066\371

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\047\336\077\100\275\120\223\323\233\154\140\366\332\274\007\142\001\000\211\166\311

END

CKA_ISSUER MULTILINE_OCTAL
\040\176\127\035\063\036\375\002\233\124\041\131\015\012\005\117\307\173\216\169\332\112\155\261\120\009\126\271\123\032\140
\376\135\301\127\173\344\021\170\320\326\135\301\267\325\255\062\231\003\072\121\314\124\045\071\061\201\173\023\042\121\272\106\154\241\273\236\324\004\154\111\110\046\164\217\322\163\353\314\060\242\346\352\131\042\207\370\227\365\016\375\352\314\222\244\026\304\122\030\352\041\316\261\361\346\204\201\345\272\251\206\050\362\103\132\135\022\335\254\036\331\250\345\012\152\247\177\240\207\370\137\362\211\115\324\354\305\342\346\172\320\066\043\212\112\164\066\371
Open Source Used In Telstar 7.6.2

# 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_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
CKA_VALUE MULTILINE_OCTAL
\060\014\052\020\002\024\032\204\014\042\274\110\114\040\043\045\004\032\044\356\320
\369\003\304\031\106\032\224\153\241\111\124\044\110\076\010\050\061\013
\060\011\006\003\125\004\006\023\020\012\115\061\031\060\027\006
\003\125\004\014\020\230\201\201\165\157\126\141\144\151\116\030\040\114
\151\155\151\164\145\144\061\033\060\031\106\003\031\125\000\040\032
\022\121\165\157\152\126\141\144\151\116\030\040\122\157\157\164\040\0103
\101\101\040\062\202\002\200\005\011\106\015\006\060\110\052\206\110\206\367
\015\001\001\005\005\000\000\032\203\020\001\000\076\012\206\115\237
\006\131\135\025\026\161\113\050\070\005\057\147\346\023\105\023\304\0466
\366\363\330\000\046\014\015\265\107\144\135\370\264\162\131\016\245
\003\030\047\125\211\170\175\166\352\226\064\200\027\040\334\347
\203\370\231\537\007\270\332\137\115\056\147\262\204\375\333\1104
\374\167\120\021\134\61\174\264\131\015\013\162\123\370\166\007\007
\101\101\107\226\014\373\340\202\046\223\125\214\376\042\037\140\145
\174\131\347\046\263\367\062\220\203\120\324\067\161\125\366\222
\041\170\367\225\171\137\237\170\050\054\060\207\146\126\060\067\246\067
\170\063\122\202\013\030\256\077\141\121\163\362\152\226\135\030\176\112
\131\143\312\151\242\126\325\247\057\274\126\037\317\071\301\1342
\373\012\250\025\054\175\115\172\143\306\154\227\104\104\032\221\57
\303\112\027\012\370\220\322\127\242\031\121\245\055\227\101\332
\007\117\215\121\032\220\215\224\106\341\076\360\224\375\020\0000
\070\365\073\350\100\034\124\016\156\126\032\040\314\151\157\130\215\355
\056\105\121\173\326\351\223\370\074\261\054\337\072\236\064\221\4334
\204\273\042\151\172\320\370\344\060\71\351\100\042\210\074\303\272\3535
\125\72\155\200\231\044\136\365\154\000\137\370\227\260\224\133\353
\375\322\157\361\167\150\015\065\144\043\032\254\270\125\241\003\321
\115\102\033\134\330\170\165\131\126\043\371\250\111\171\370\257\016
\271\010\244\017\041\267\152\355\064\320\266\046\142\070\032\207\014
\370\350\137\350\056\323\220\177\007\122\105\230\353\262\176\134\205\203
\231\126\070\100\077\351\136\371\016\050\073\344\311\142\156\127\177
\247\120\225\367\272\310\233\346\216\242\001\030\326\146\277\171
\141\136\074\034\344\127\121\020\134\135\240\033\351\130\110\275\031
\242\202\024\031\116\262\206\033\115\007\61\110\067\032\210\267\135
\226\136\023\030\375\047\112\010\342\221\021\131\134\322\361\141\1335
\272\027\102\202\227\161\120\112\123\061\251\123\376\175\142\277\162
\341\123\223\035\134\121\204\61\132\011\070\320\316\327\015\200\026
\264\170\245\072\207\114\121\152\125\243\325\106\223\362\054\020\0271
\274\124\042\300\001\120\151\103\236\364\262\357\155\370\354\332
\361\134\326\137\337\221\217\124\052\013\045\301\046\031\130\4122
\020\005\145\325\202\020\325\020\061\135\056
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for 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\100\066\113\104\262\026\040\210\200\110\071
\031\223\174\367
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\136\071\173\335\370\272\354\202\351\254\142\272\014\124\000\053
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\002\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\002\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\011
END

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

#
# 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_LABEL UTF8 "QuoVadis Root CA 3"

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 "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"
OPEN SOURCE USED IN TELSTAR 7.6.2

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CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\37\111\024\367\330\164\225\035\335\256\002\300\276\375\072\055
\202\165\121\205
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\061\205\074\142\224\227\143\271\252\375\211\116\257\157\340\317
END

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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\000\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 CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT_MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\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
# Trust for Certificate "Security Communication Root CA"
# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Serial Number: 0 (0x0)
# 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"

# Certificate SHA1
\060\263\153\111\137\1\201\236\327\114\236\274\070\017\306\126\217
\135\254\262\367
END

# Certificate MD5
\361\127\4\143\152\124\340\265\047\365\315\347\032\343\115\156\112
END

# Issuer SHA1
\060\120\061\103\060\011\100\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\230\171\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\060\033\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
END


```
\101\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "Sonera Class 2 Root CA"
#
# Issuer: CN=Sonera Class2 CA,O=Sonera,C=FI
# Serial Number: 29 (0x1d)
# Subject: CN=Sonera Class2 CA,O=Sonera,C=FI
# Not Valid Before: Fri Apr 06 07:29:40 2001
# Not Valid After : Tue Apr 06 07:29:40 2021
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Sonera Class 2 Root CA"
CKA_CERTIFICATE_TYPE CK_Certificate_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\202\003\040\060\202\002\010\240\003\002\001\002\002\000\035
\017\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141
\061\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162
\141\040\103\154\141\163\163\062\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\100\003\125\004\006\023\002\106\111\061
\017\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141
\061\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162
\141\040\103\154\141\163\163\062\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\035
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\040\060\202\002\010\240\003\002\001\002\002\001\035
\060\015\006\011\052\206\111\020\063\067\015\001\001\005\005\000\060
\071\061\013\060\011\006\003\125\004\006\023\002\106\111\061\017
\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141\061
\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162\141
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BOOL CK_TRUE
Open Source Used In Telstar 7.6.2

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Sonera Class 2 Root CA"
# Issuer: CN=Sonera Class2 CA,O=Sonera,C=FI
# Serial Number: 29 (0x1d)
# Subject: CN=Sonera Class2 CA,O=Sonera,C=FI
# Not Valid Before: Fri Apr 06 07:29:40 2001
# Not Valid After : Tue Apr 06 07:29:40 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 "Sonera Class 2 Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\067\367\155\346\007\174\220\305\261\076\223\032\267\101\020\264
\362\344\232\047
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\243\354\165\017\056\210\337\372\110\001\116\013\134\110\157\373
END

CKA_ISSUER MULTILINE_OCTAL
\002\001\035
END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\002\001\035
END

# 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\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\010\141\155
\145\162\146\151\162\155\141\040\123\101\104\010\013\111\106\040\010
\107\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
\164\015\167\146\040\010\13\157\155\155\145\162\143\145\040\122\157\157

CKA_ID UTF8 "0"

CKA_ISSUER_MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\010\141\155
\145\162\146\151\162\155\141\040\123\101\104\010\013\111\106\040\010
\107\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
\164\015\167\146\040\010\13\157\155\155\145\162\143\145\040\122\157\157

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000

CKA_VALUE MULTILINE_OCTAL
\060\202\004\275\060\202\003\124\240\003\245\240\202\001\200\200\202\000\001
\060\015\006\011\052\026\110\026\367\015\001\010\005\000\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\010\013\111\106\040\010
\107\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\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
\164\015\167\146\040\010\13\157\155\155\145\162\143\145\040\122\157\157

END

END

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 Certificate "Camerfirma Chambers of Commerce Root"
# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
# Serial Number: 0 (0x0)
# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
# 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\044\031\014\031\134\223\204\074\300\333\162\056\061
\060\141\360\261
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\260\001\356\024\333\125\051\030\224\166\216\361\151\063\052\204
END

CKA_ISSUER_MULTILINE_OCTAL
\060\177\061\013\060\011\000\003\125\004\006\023\002\105\125\061
\047\060\045\060\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

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# 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_MODIFIABLE CK_BBOOL CK_FALSE
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\230\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\010\040\103\111\106\040\101
\070\062\067\064\063\062\020\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\161\160\072\057\057\167\161\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164
END

CKA_SUBJECTMULTILINE_OCTAL
\060\175\061\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
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 "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 16:18:2037  
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  
\305\346\173\006\320\117\103\355\304\172\145\212\373\153\031 END  
CKA_ISSUER MULTILINE_OCTAL  
\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061 \047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155 \145\162\146\151\162\155\141\140\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\167\167\164 \143\150 \141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060 \036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103 \150\141\155\142\145\162\163\151\147\156\040\122\157\157\164 END  
CKA_SERIAL_NUMBER MULTILINE_OCTAL  
\002\001\000 END  
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST  
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR  
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST  
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE  

#  
# Certificate "XRamp Global CA Root"  
#  
# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services Inc,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:0D  
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE  
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "XRamp Global CA Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\001\1\006\003\1\25\004\006\023\002\125\123
\061\036\060\034\060\003\1\25\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\060\003\1\25\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\155\055\060\053\006\003\1\25\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\001\1\006\003\1\25\004\006\023\002\125\123
\061\036\060\034\060\003\1\25\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\060\003\1\25\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\155\055\060\053\006\003\1\25\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\120\224\154\135\4\030\352\325\234\115\325\227\357\165\217
\240\255
END
CKA_VALUE MULTILINE_OCTAL
\060\202\020\012\020\224\154\135\4\030\352\325\234\115\325\227\357\165\217
\240\255
END
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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,OU=www.xrampsecurity.com,C=US
# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services Inc,OU=www.xrampsecurity.com,C=US
# Not Valid Before: Mon Nov 01 17:14:04 2004
# Not Valid After : Mon Jan 01 05:37:19 2035
# Fingerprint (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"

END
# 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_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 "Go Daddy Class 2 CA"
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
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\001\342\167\046\033\240\327\167\002
\217\040\356\344
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\221\336\006\045\253\332\375\062\027\014\273\045\027\052\204\147
END

CKA_ISSUER_MULTILINE_OCTAL
\060\143\061\103\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\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\060\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
Open Source Used In Telstar 7.6.2  132

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

#
# Certificate "Starfield Class 2 CA"
#
# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Serial Number: 0 (0x0)
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After : Thu Jun 29 17:39:16 2034
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Class 2 CA"

END

CKA_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL
\060\150\006\101\030\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\203\034\123\164\114\162\146\151
\145\154\144\040\124\145\143\150\150\157\157\154\157\147\151\145\163
\054\040\111\115\164\13\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000

END

CKA_VALUE MULTILINE_OCTAL
\060\202\004\017\060\022\002\367\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\006
\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151\145
Open Source Used In Telstar 7.6.2  134

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\040\024\303\320\343
\067\016\265\212
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\255\176\034\050\260\144\357\217\140\003\040\024\303\320\343
\067\016\265\212
END

CKA_ISSUER MULTILINE_OCTAL
\060\150\066\121\130\142\277\216\130\270\012\147\077\354\263\335\041
\146\037\311\124\372\162\314\075\114\003\300\201\125\167\236\023
\172\273\242\307\365\064\027\216\331\021\100\364\374\054\052\115
\025\177\247\142\135\056\045\323\000\013\040\032\035\150\371\027
\270\364\275\213\335\050\131\335\150\026\213\027\203\310\262\145
\307\055\172\245\252\274\123\206\155\335\127\244\312\370\040\101
\013\150\360\364\373\164\276\126\135\172\171\365\371\035\205\343
\055\225\276\365\161\120\103\314\215\037\232\000\012\207\051\135
\125\042\130\000\043\352\334\022\103\051\133\107\010\335\214\101
\152\145\000\62\50\345\041\125\201\126\44\225\041\122\271\175\321\064
\253\023\326\255\274\334\342\075\071\135\275\076\165\160\241\030
\131\003\311\042\264\217\234\325\136\052\327\245\266\324\012\155
\137\026\100\021\106\232\037\171\161\142\277\017\227\354\340\057
\037\027\224

END
# Certificate "Taiwan GRCA"

# Issuer: O=Government Root Certification Authority,C=TW
# Subject: O=Government Root Certification Authority,C=TW
# Not Valid Before: Thu Dec 05 13:23:33 2002
# Not Valid After: Sun Dec 05 13:23:33 2032

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Taiwan GRCA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\067\067\061\013\060\060\011\006\003\125\004\006\023\002\124\127\061\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156\151\143\141\164\151\157\165\040\101\165\164\150\157\162\151\164 \171
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156\151\143\141\164\151\157\165\040\101\165\164\150\157\162\151\164 \171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000

END

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

Open Source Used In Telstar 7.6.2 135
# Trust for Certificate "Taiwan GRCA"
# Issuer: O=Government Root Certification Authority,C=TW
# Subject: O=Government Root Certification Authority,C=TW
# Not Valid Before: Thu Dec 05 13:23:33 2002
# Not Valid After : Sun Dec 05 13:23:33 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 "Taiwan GRCA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\364\213\021\277\336\253\276\224\124\040\161\346\101\336\153\276
\210\053\100\271
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\205\104\123\062\105\037\040\360\363\225\341\045\304\103\116
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_ISSUER MULTILINE_OCTAL
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156
\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\235\131\132\327\057\302\006\104\245\200\010\151\343
\136\366
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "DigiCert Assured ID Root CA"
#
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0ce7:e6e5:17:da:46:fc:8f:e5:60:fc:1b:b0:30:39
# 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_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
Open Source Used In Telstar 7.6.2  139
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
# 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

CKA_SUBJECT MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL
0600:071

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 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\123\124\066
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\171\344\251\204\015\175\072\226\327\300\117\342\103\114\211\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\060\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\060\006\003\125\040\012\023\014\104\151\147\151\103\015\162\164\040\124\066
\162\164\040\011\156\143\061\160\027\060\023\016\031\125\004\013\023\020\016\167\167\144\151\147\151\143\145\162\164\056\143\157\155\061\040\060\036\060\003\125\004\030\023\027\104\151\147\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\073\340\126\102\106\261\165\152\311\131\221
\307\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# # Certificate "DigiCert High Assurance EV Root CA"
# # Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# # Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77
# # Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# # Not Valid Before: Fri Nov 10 00:00:00 2006
# # Not Valid After : Mon Nov 10 00:00:00 2031
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert High Assurance EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\060\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156\143\061\031\125\004\013\023\020\167\167\144\151\147\151\143\145\162\164\056\143\157\155\061\040\060\036\060\003\125\004\030\023\027\104\151\147\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
```
# 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
```
# Certificate "DST Root CA X3"

# Issuer: CN=DST Root CA X3,O=Digital Signature Trust Co.
# Subject: CN=DST Root CA X3,O=Digital Signature Trust Co.
# Not Valid Before: Sat Sep 30 21:12:19 2000
# Not Valid After: Thu Sep 30 14:01:15 2021

CKA_LABEL UTF8 "DST Root CA X3"
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_SUBJECT MULTILINE_OCTAL
\060\077\061\044\060\042\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\000\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\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END

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

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Trust for Certificate "DST Root CA X3"
# Issuer: CN=DST Root CA X3,O=Digital Signature Trust Co.
# Subject: CN=DST Root CA X3,O=Digital Signature Trust Co.
# Not Valid Before: Sat Sep 30 21:12:19 2000
# Not Valid After : Thu Sep 30 14:01:15 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 "DST Root CA X3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\332\311\002\117\124\330\366\337\224\223\137\261\163\046\070\312
\152\327\174\023

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\101\003\122\334\017\367\120\033\026\360\002\216\272\157\105\305

END

CKA_ISSUER MULTILINE_OCTAL
\060\077\061\044\060\004\020\060\003\125\004\012\023\033\104\151\147
\151\164\141\154\040\123\151\147\156\141\164\165\162\145\040\124
# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"

# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"

# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"

# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "SwissSign Platinum CA - G2"
# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
# Serial Number:4eb2:00:67:0c: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\017\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
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\100\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\010\107\061\037\060\035\006\003\125\004\003\023
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\103\101\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\100\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\010\107\061\037\060\035\006\003\125\004\003\023
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\273\100\034\103\365\136\117\260
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\272\100\020\202\003\242\240\003\002\001\002\002\011\000
\273\100\034\103\365\136\117\260\060\015\006\011\052\026\110\206
\036\70\150\011\005\005\000\060\105\060\011\100\006\003\125
\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023
\014\123\167\151\163\163\123\151\147\156\040\101\107\061\037\060
\035\006\003\125\004\003\023\026\123\167\151\163\163\123\151\147
\156\040\107\157\154\144\040\103\110\040\055\040\107\062\060\036
\027\015\060\060\060\060\060\060\060\063\060\063\065\132\027
\015\060\060\060\060\060\060\060\060\060\060\060\060\132\060\105
\011\013\060\111\100\006\003\125\004\006\023\002\103\110\061\015
\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151\147
\156\040\101\107\061\037\060\035\006\003\125\004\003\023\026\123
\167\151\163\163\123\151\147\156\040\107\157\154\144\040\103\101
\040\055\040\107\062\060\102\020\020\020\020\020\020\020\020
\102\120\020\120\020\020\020\020\020\020\020\020\020\020
\020\020\020\020\020\020\020\020\020\020\020\020\020
\120\055\026\104\073\122\122\122\134\123\127\013\135\024\222\102\023\052
\127\141\127\201\100\067\127\044\315\120\123\045\052\267\157\374
\357\242\320\300\037\002\044\112\020\226\217\043\023\346\050\130
\000\243\107\037\006\247\204\043\053\273\273\226\053\177\125\314
\121\011\127\037\016\142\145\017\335\075\126\212\163\332\125\167
\155\57\22\101\34\176\102\214\040\065\331\110\115\204\372\204\333
\122\054\363\016\047\167\013\153\277\021\057\162\170\237\056\330
\076\346\030\067\132\052\162\371\332\142\220\222\225\132\037\234
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# 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

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 "SwissSign Gold CA - G2"

END

CKA_ISSUER MULTILINE_OCTAL

\030\035\052\121\360\071\120\042\227\225\154\156\033\030\053\030\164
\140\171\045\260\012\047\337\337\136\322\105\175\102\113
\337\263\054\036\305\061\135\312\125\072\240\023\151\123\217\332
\357\262\260\074\237\207\154\022\053\145\160\025\122\061\032\044
\317\157\066\104\120\224\114\117\170\043\303\164\101\143\034\125
\250\024\335\076\304\121\120\317\361\033\060\126\016\222\260\202
\205\330\203\313\042\144\274\055\270\045\325\124\242\270\006\352
\255\222\244\044\240\301\206\265\112\023\152\107\317\105\061\132
\225\121\313\16\233\152\264\246\262\233\101\100\206\047\167
\367\152\240\102\154\013\070\316\327\165\120\066\222\302\237\053
\060\042\110\320\325\101\107\045\135\244\351\135\123\370\224\165
\320\105\375\060\022\103\021\220\253\012\307\206\163\140\112\151
\055\336\245\170\327\206\332\152\236\113\076\167\072\040\023\042
\001\320\277\150\236\143\140\153\065\115\013\155\272\241\075\300
\223\340\177\043\263\125\255\162\045\116\106\371\132\202\263\357\260
\144\301\001\236\351\132\240\152\152\016\317\330\140\362\205\111
\270\344\102\341\070\065\026\364\310\156\117\367\201\126\350\272
\243\326\043\257\256\375\157\003\340\002\073\060\166\372\033\155
\101\317\001\261\315\127\311\146\364\333\046\363\072\244\164\362
\111\044\133\311\260\320\127\301\372\076\172\341\227\311

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Certificate "SwissSign Silver CA - G2"

# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Serial Number:4f:1b:d4:2f:54:bb:2f:4b
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Not Valid 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
CKA_SUBJECT MULTILINE_OCTAL
\060\001\007\061\013\066\001\011\006\003\013\025\004\006\023\002\103\110\061
\025\060\023\006\003\013\025\004\012\023\014\012\067\151\163\163\123
\151\147\156\040\011\017\061\041\006\037\006\003\013\025\004\003\023
\030\012\016\151\163\163\123\151\147\156\040\012\151\154\166\145
\162\040\013\010\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\017\061\013\060\001\011\006\003\013\025\004\006\023\002\103\110\061
\025\060\023\006\003\013\025\004\012\023\014\012\067\151\163\163\123
\151\147\156\040\011\017\061\041\006\037\006\003\013\025\004\003\023
\030\012\016\151\163\163\123\151\147\156\040\012\151\154\166\145
\162\040\013\010\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\117\103\033\324\057\124\273\057\113
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\275\060\022\003\245\240\003\002\001\002\002\010\117
# 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\374\015\300\126\165\226\330\142\023
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\060\010\03\06\00\11\00\06\00\3\12\5\00\4\00\6\02\3\00\2\10\3\11\00\6\1
\02\5\06\02\3\00\6\00\3\12\5\00\4\01\02\3\01\4\12\3\16\7\15\1\16\3\12\3
\15\1\14\7\15\6\0\4\0\1\0\1\7\0\6\1\0\4\1\0\6\0\3\0\6\0\0\3\12\5\00\4\00\3\02\3
\03\0\1\2\3\16\7\15\1\16\3\12\3\15\1\14\7\15\6\0\4\0\1\2\3\15\1\15\4\16\6\14\5
\16\2\0\4\0\1\3\1\0\1\0\4\0\5\5\0\4\0\1\0\7\0\62
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\00\2\01\0\1\1\0\3\3\3\2\4\0\5\7\1\2\4\2\7\3\0\5\7\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 "GeoTrust Primary Certification Authority"
#
# Issuer: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US
# Subject: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US
# Not Valid Before: Mon Nov 27 00:00:00 2006
# 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 "GeoTrust Primary Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\013\060\060\011\000\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\161\040\111\156\143\056\061\061\060\057\006\003\125\004\003
\023\050\107\145\157\124\162\165\163\164\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
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\013\060\060\060\011\000\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\161\040\111\156\143\056\061\061\060\057\006\003\125\004\003
\023\050\107\145\157\124\162\165\163\164\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
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\030\254\265\152\375\151\266\025\072\143\154\257\332\372\304\241

END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\174\060\202\002\144\240\003\002\001\002\002\020\030\254\265\152\375\151\266\025\072\143\154\257\332\372\304\241

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 certificate "GeoTrust Primary Certification Authority"
# issuer: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US
# subject: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US
# not valid before: Mon Nov 27 00:00:00 2006
# 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 "GeoTrust Primary Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\062\074\021\216\033\367\270\266\122\124\342\342\020\015\326\277
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\002\046\303\001\136\010\060\067\103\251\120\162\151\157\156\040\111\156\143\056\061\006\003\125\004\003
\023\050\107\145\157\124\162\165\163\164\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\156\164\150\157\162\151\164\171
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\061\060\057\006\003\125\004\003
\023\050\107\145\157\124\162\165\163\164\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\156\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\030\254\265\152\375\151\266\025\072\143\154\125\322\372
\304\241
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 "thawte Primary Root CA"
#
# Issuer: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US
# Subject: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US
# Not Valid Before: Fri Nov 17 00:00:00 2006
# 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 "thawte Primary Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\251\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\061\060\057\006\003\125\004\003
\023\050\107\145\157\124\162\165\163\164\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\156\164\150\157\162\151\164\171

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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 "thawte Primary Root CA"
# Issuer: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification Services Division, O="thawte, Inc.", C=US
# Not Valid Before: Fri Nov 17 00:00:00 2006
# 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 "thawte Primary Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\221\306\326\356\076\212\310\143\204\345\110\302\051\134\165
\154\201\173\201
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\214\312\334\013\042\316\365\276\162\254\101\032\201\250\330\022
END

CKA_ISSUER MULTILINE_OCTAL
\060\020\012\015\010\061\010\060\001\006\000\03\012\05\004\006\023\002\125\123
\061\025\060\002\030\060\003\012\05\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\012\05\004\013
\023\037\103\145\162\164\151\146\143\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\060\003\012\05\004\013\023\057\050\143\051\040
\062\020\060\060\060\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\037\060\035\006
\003\125\004\003\023\026\016\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\064\116\325\127\040\325\355\354\111\364\057\316\067\333
\053\155
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 "VeriSign Class 3 Public Primary Certification Authority - G5"

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Wed Nov 08 00:00:00 2006
# 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 3 Public Primary Certification Authority - G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\001\110\006\003\0125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\11\116\143\056\061\037\060\035\006\003\125
\004\13\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\11\161\145\164\167\157\162\153\017\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\066\040\126\145
\162\151\123\151\147\156\054\040\11\116\143\056\040\005\050\040\106
\157\162\040\14\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\104\013\145\162\164\151\146\154\131\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\001\110\006\003\0125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\11\116\143\056\061\037\060\035\006\003\125
\004\13\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\11\161\145\164\167\157\162\153\017\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\066\040\126\145
\162\151\123\151\147\156\054\040\11\116\143\056\040\005\050\040\106
\157\162\040\14\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\104\013\145\162\164\151\146\154\131\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\065
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 "VeriSign Class 3 Public Primary Certification Authority - G5"
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For
# authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For
authorized use only".OU=VeriSign Trust Network,O="VeriSign, Inc.".C=US
# Not Valid Before: Wed Nov 08 00:00:00 2006
# 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 3 Public Primary Certification Authority - G5"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\116\266\325\170\111\233\034\317\137\130\036\255\126\276\075\233
\147\104\245\345
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\313\027\344\061\147\076\342\034\035\012\372\034
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\103\060\001\1100\060\003\125\004\006\023\002\125\123
\061\027\060\025\029\060\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\145\060\061\037\060\035\006\003\125
\004\013\023\020\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\007\006\003
\125\004\013\023\020\126\145\162\151\123\151\147\156\040\124\162\165
\162\151\123\151\147\156\054\040\111\156\143\056\040\005\050\016
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\123\151\147\156\040\103\154\141\163\163\040
\163\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\140\055\040\107\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\030\332\321\236\046\175\350\273\112\041\130\315\314\153
\073\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SecureTrust CA"
#
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:31:18 2006
# Not Valid After: Mon Dec 31 19:40:55 2029
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureTrust CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\001\110\006\000\031\125\004\000\023\002\125\123\061
\040\060\036\000\000\031\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\000\031\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\001\110\006\000\031\125\004\006\023\002\125\123\061
\040\060\036\000\000\031\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\000\031\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\132
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\270\060\202\020\240\000\302\001\002\020\014
\360\216\134\010\026\245\255\102\177\360\353\047\030\131\132
\015\006\001\105\206\110\206\367\015\001\001\005\005\000\000\110
\061\100\003\012\500\004\006\023\000\125\123\061\040\060
\036\000\036\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\000\031\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
\060\067\061\071\063\061\061\070\132\027\015\062\071\061\062\063
\061\061\071\064\060\065\056\132\060\011\006\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
\131\100\060\020\000\014\020\060\015\006\011\052\020\061\102\063\367\015
\001\000\001\005\000\003\020\001\017\000\006\020\001\012\002\020
\001\001\000\025\032\144\213\345\225\315\365\366\024\216\302\173\112
\324\342\170\225\130\234\101\341\105\231\100\044\027\071\22\1063
\146\351\276\341\203\257\142\134\211\321\374\044\133\141\263\340
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
Certificate: SecureTrust CA

Issued by: SecureGlobal CA

Serial Number: 0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
Not Valid Before: Tue Nov 07 19:31:18 2006
Not Valid After: Mon Dec 31 19:40:55 2029

Certificate: SecureGlobal CA

Issuer: CN=SecureGlobal CA,O=SecureTrust Corporation,C=US
Subject: CN=SecureGlobal CA,O=SecureTrust Corporation,C=US
Not Valid After: Mon Dec 31 19:52:06 2029

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\140\004\020\226\171\123\360\262\064\346\251\126\372\045\105\071\310
\036\145\371\223\365\252\361\122\334\231\230\075\245\206\032\014
\065\063\372\113\245\004\006\025\345\061\120\357\252\030\153\302
\173\327\332\316\371\063\040\325\365\275\152\063\055\201\004\373
\260\134\324\234\243\342\134\035\343\251\102\165\136\173\324\167
\357\071\124\272\331\101\20\03\03\22\231\111\057\210\113\375\120
\142\321\163\347\217\12\03\00\01\30\00\01\124\32\01\235\060
\201\12\32\06\00\01\11\053\006\01\004\01\02\067\024\002\004
\006\03\04\00\01\03\00\00\106\00\01\036\060\013\006\03\125\035\017\004\004
\003\002\00\12\06\00\01\17\006\00\03\125\035\023\00\01\377\004\005
\060\00\03\01\001\377\060\03\056\00\03\125\035\016\004\002\066\00\024
\257\104\03\02\10\176\11\023\333\116\071\002\354\035\204\172
\134\63\16\31\11\24\00\06\00\03\125\035\037\00\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\162\145\164\126\163\164\056\143\157
\155\057\12\10\17\10\13\10\056\143\162\154\060\02\00\060\01\1053\006
\001\004\00\12\02\067\025\001\004\003\002\001\000\000\006\15\006\011
\052\22\06\11\20\06\367\015\001\001\005\005\000\003\026\010\011\000
\143\03\01\10\10\01\17\52\44\14\163\123\01\15\167\33\01\72\256\037\015\13
\121\02\06\03\357\03\01\17\33\10\343\257\15\123\02\23\021\140\221\162
\204\33\01\10\16\267\07\121\027\363\346\022\211\135\01\067\263
\253\04\01\24\00\25\01\16\22\065\132\11\12\041\136\11\16\127\37\165\316
\037\11\03\16\146\364\074\010\004\022\23\01\54\033\356\044\106\014
\027\26\12\12\24\333\245\221\21\13\17\67\33\15\37\347\047\100\072
\116\03\01\37\02\24\71\13\01\34\02\73\17\17\07\27\13\044\24\33\023\046
\043\235\04\06\17\13\01\15\01\37\47\10\16\26\23\02\15\21\22\277\051
\117\10\15\11\16\16\16\147\11\31\17\00\21\43\346\002\2367\265\341\264
\103\26\15\10\13\055\02\24\237\37\13\34\046\015\27\246\107\164\006\330
\210\03\21\07\02\05\10\02\04\31\36\12\22\07\12\00\01\24\033\25\037\127\111
\274\15\21\125\121\147\25\11\127\66\05\034\325\165\230\067\171
\06\02\04\333\015\123\35\15\13\14\10\71\25\24\060\367\13\134
\177\30\23\03\12\30\03\15\13\11\06\20\09\35\17\17\11\15\105\24\000
\032\25\01\14\15\25\14\06\11\02\27\22\17\36\12\41\20\051\362
\1\17\04\03\37\33\15\25\04\37\04\31\33\043\170\12\11\13\30\70\26
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 "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\104\163\132\345\201\220\037\044\206\141\106\036\073\234\304
\137\365\072\033
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\317\364\047\015\324\355\334\145\026\111\155\075\332\277\156\036
END
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "COMODO Certification Authority"

# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:35:02:46:ce5:3d
# 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
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
END

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# Trust for Certificate "COMODO Certification Authority"
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number:e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After: Mon Dec 31 23:59:59 2029
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL\146\061\277\236\367\117\236\266\311\325\246\014\272\152\276\321\367\275\357\173
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL\134\110\334\367\102\162\354\126\034\314\161\065\002\165
END
CKA_ISSUER MULTILINE_OCTAL\060\201\013\060\011\006\003\125\004\006\023\002\107\102\106\103\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\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\104\141\151\155\151\164\145\144\061\047\060\045\006\003\125\004\003\023\036\103\117\115\117\104\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106\345\075
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
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\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\060\060\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\106\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\060\060\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\134\001\007\125\004\003\002\056\162\151
\027\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\060\060\125\004\003\023\047\116\145\164\167\157
\162\153\040\123\157\154\165\164\151\157\156\163\040\103\154\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
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\134\010\107\026\027\343\220\061\150\340
\105\006\011\052\206\110\026\367\015\001\001\005\005\000\060\142
\061\013\060\011\106\003\125\004\006\023\022\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\060\060\125\004\003\023\047\116\145\164\167\157
\162\153\040\123\157\154\165\164\151\157\156\163\040\103\154\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\055\226\115\016\021\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\060\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\013\056\061\060\060\056\060\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\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "COMODO ECC Certification Authority"
# 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\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\140\115\141\156\143\150\145\163\164\145\162\061\102\006
\160\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\155\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\155\117\104\117\040\105\03\103
\040\103\145\162\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\037\107\257\252\142\000\160\120\124\114\001\236\233\143
\231\052
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TrUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK.FALSE

# Certificate "OISTE WISeKey Global Root GA CA"
# Issuer: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey.C=CH
# 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_CERTIFICATE
CKA_TOKEN CBBOOL CK_TRUE
CKA_PRIVATE CBBOOL CK_FALSE
CKA_MODIFIABLE CBBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISEKey Global Root GA CA"
CKA_CERTIFICATE_TYPE CB_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\212\061\013\060\001\011\006\003\0125\004\006\023\002\103\110
\061\020\060\016\006\003\0125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\0125\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\040\000\031\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\160\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\160\060\046\006\031\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\104\010\03\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\001\011\006\003\0125\004\006\023\002\103\110
\061\020\060\016\006\003\0125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\0125\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\040\000\031\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\160\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\160\060\046\006\031\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\104\010\03\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124\337\232
ENS
CKA_VALUE MULTILINE_OCTAL
\060\202\012\061\013\060\011\013\060\001\011\006\003\0125\004\006\023\002\103\110
\061\012\060\016\006\003\0125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\0125\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\040\000\031\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\160\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\160\060\046\006\031\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\104\010\03\101
END
\374\276\337\012\015 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
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\274\154\121\063\247\351\132\146\143\124\025\162\033\041\222\223
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\122\061\013\060\011\006\003\125\004\006\023\002\103\110\061\120\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\105\060\046\060\003\125\004\003\023\037\117\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122\157\157\164\040\107\101\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_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 "Certigna"

# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number: 00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After: Tue Jun 29 15:13:05 2027

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END

CKA_VALUE MULTILINE_OCTAL
\060\022\002\003\250\000\003\020\001\002\002\000\110\000
\137\63\33\34\30\01\173\11\110\377\65\01\015\006\01\052\206\110\206
\367\015\001\001\005\005\000\060\064\061\013\060\011\006\003\125
\004\006\023\002\106\122\061\022\060\020\006\003\125\004\012\014
\011\104\150\151\155\171\157\164\151\163\061\021\060\017\006\003
\125\004\003\014\010\103\145\162\164\151\147\156\141
\150\060\067\60\066\062\071\061\065\061\063\060\065\132\027\015
\062\067\060\066\062\071\061\065\061\063\060\065\132\060\064\061
\013\060\011\006\003\125\004\006\023\002\106\122\061\022\060\020
\130\060\003\125\004\012\014\011\104\150\151\155\171\157\164\151\163
\061\021\060\017\006\003\125\004\003\014\001\003\145\162\164\151
\147\156\141\060\020\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\000\005\000\003\020\001\017\000\060\020\001\012\002
\020\001\000\003\101\150\361\131\132\362\362\064\165\046\020\036
\354\264\276\352\13\34\34\046\355\021\107\141\34\242\174\026\170
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 "Certigna"
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e:3:0:fe:9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
CKA_CLASS CK_OBJECT_CLASS 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\126\133\046\050\136\375\377
END
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\001\010\060\003\125\004\006\023\002\010\06\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\013\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Cybertrust Global Root"
#
# Issuer: CN=Cybertrust Global Root,O="Cybertrust, Inc"
# Serial Number:04:00:00:00:00:00:01:0f:85:aa:2d:48
# Subject: CN=Cybertrust Global Root,O="Cybertrust, Inc"
# Not Valid Before: Fri Dec 15 08:00:00 2006
# Not Valid After : Wed Dec 15 08:00:00 2021
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE 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 Certificate "Cybertrust Global Root"
# Issuer: CN=Cybertrust Global Root,O="Cybertrust, Inc"
# Serial Number:04:00:00:00:00:00:01:0f:85:aa:2d:48
# Subject: CN=Cybertrust Global Root,O="Cybertrust, Inc"
# Not Valid Before: Fri Dec 15 08:00:00 2006
# Not Valid After : Wed Dec 15 08:00:00 2021

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 "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

END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

END
# Trust for 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_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_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 "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_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\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\110\116\040\122\117\117\124\040\103\101
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\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\110\116\040\122\117\117\124\040\103\101
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\040\006\005\026\160\002
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\070\060\202\002\040\240\003\002\001\002\002\006\040
\006\005\026\160\002\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\006\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\110\116\061\031\060\027\006\003\125\004\013\023
\020\143\145\162\164\123\111\110\116\040\122\117\117\124\040\103
\101\060\036\027\015\060\066\060\067\060\064\061\067\062\060\060
\064\132\027\15\063\061\060\067\060\064\061\067\062\060\060\064
\132\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117
\061\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123
\111\110\116\061\031\060\027\006\003\125\004\013\023\020\143\145
\162\164\123\111\110\116\040\122\117\117\124\040\103\101\060\020
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
# 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
# Certificate "GeoTrust Primary Certification Authority - G3"

# Issuer: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US
# Subject: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 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 "GeoTrust Primary Certification Authority - G3"
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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\040\006\005\026\160\002

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_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 "GeoTrust Primary Certification Authority - G3"
# Issuer: CN=GeoTrust Primary Certification Authority - G3, OU=(c) 2008 GeoTrust Inc. - For authorized use only, O=GeoTrust Inc., C=US
# Subject: CN=GeoTrust Primary Certification Authority - G3, OU=(c) 2008 GeoTrust Inc. - For authorized use only, O=GeoTrust Inc., C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 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_TRUE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority - G3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\003\236\355\270\013\347\240\074\151\123\211\073\040\322\331\062
\072\114\052\375
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\265\350\064\066\311\020\104\130\110\160\155\056\203\324\270\005
END

CKA_ISSUER MULTILINE_OCTAL
\060\020\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\060\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\254\156\224\031\262\171\113\101\366\047\251\130\030
\017\037
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 "thawte Primary Root CA - G2"

# Issuer: CN=thawte Primary Root CA - G2, OU="(c) 2007 thawte, Inc. - For authorized use only", O="thawte, Inc.", C=US


# Subject: CN=thawte Primary Root CA - G2, OU="(c) 2007 thawte, Inc. - For authorized use only", O="thawte, Inc.", C=US

# Not Valid Before: Mon Nov 05 00:00:00 2007

# Not Valid After: Mon Jan 18 23:59:59 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 "thawte Primary Root CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\020\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\020\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\065\374\046\134\331\204\117\311\075\046\075\127\233\256
\327\126
END

CKA_VALUE MULTILINE_OCTAL
\060\020\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\065\374\046\134\331\204\117\311\075\046\075\127\233\256
\327\126
END

CKA_VALUE MULTILINE_OCTAL
\060\020\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062
END
\# Trust for Certificate "thawte Primary Root CA - G2"
\# Issuer: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte, Inc.".C=US
\# Subject: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte, Inc.".C=US
Inc.",C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# 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 "thawte Primary Root CA - G2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\252\333\274\042\043\217\304\001\241\047\273\070\335\364\035\333\010\236\360\022

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\164\235\352\140\044\304\375\042\123\076\314\072\162\331\051\117

END
CKA_ISSUER MULTILINE_OCTAL
\060\201\204\060\011\013\060\003\125\004\006\023\002\125\123
\061\125\006\022\030\060\063\012\050\014\161\140\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\117\212\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\065\374\046\134\331\204\117\311\107\046\075\127\233\256
\327\126

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 "thawte Primary Root CA - G3"
#
# Issuer: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US
# Subject: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 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 "thawte Primary Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\030\066\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006
\003\125\004\030\023\033\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107
\063
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\030\066\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006
\003\125\004\030\023\033\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107
\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\140\001\227\267\106\247\352\264\264\232\326\113\057\367
\220\373
END

CKA_VALUE MULTILINE_OCTAL
\060\202\004\052\206\020\003\022\240\003\002\001\002\002\020\140
\001\227\267\106\247\352\264\264\232\326\113\057\367\220\373\060
\015\006\011\052\206\110\020\367\015\001\010\13\005\000\060\0201
\256\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025
\060\023\006\003\125\004\012\023\014\164\151\141\167\164\145\054
\040\111\156\143\056\061\050\060\046\006\003\125\004\013\023\037
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
# Trust for Certificate "thawte Primary Root CA - G3"
# Issuer: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US
# Subject: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 23:59:59 2037

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

END

CKA_TOKEN CK_BBOOL CK_TRUE

END

CKA_PRIVATE CK_BBOOL CK_FALSE

END

CKA_MODIFIABLE CK_BBOOL CK_FALSE

END

CKA_LABEL UTF8 "thawte Primary Root CA - G3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\
\x047\x31\x17\x25\x2\x30\x30\x51\x10\x20\x33\x33\x37\x07\x33\x11\x4\x30\x00\x63\x064\x13\x31\x10\x210
\x27\x71\x53\x053\x145\x257\x050\x357\x262\x365\x303\x252\x146\x316\x173\x126\x356
\x267\x310\x313\x147\x301\x131\x234\x032\x030\x270\x304\x303\x111\x003\x361\x140
\x1016\x120\x315\x160\x305\x363\x167\x171\x367\x266\x253\x340\x070\x333\x307\x057
\x050\x240\x104\x077\x167\x046\x164\x331\x1045\x022\x332\x061\x332\x032\x036\x333
\x051\x101\x221\x1042\x074\x151\x247\x273\x002\x362\x266\x134\x047\x003\x211\x364
\x006\x352\x233\x344\x162\x202\x343\x241\x01\x130\x135\x100\x03\x132\x076\x324
\x160\x153\x272\x161\x246\x252\x130\x256\x364\x273\x351\x154\x266\x357\x207\x314
\x233\x273\x377\x071\x346\x141\x133\x123\x124\x247\x304\x134\x114\x140\x173\x005
\x167\x046\x172\x277\x330\x007\x122\x054\x142\x367\x160\x143\x331\x071\x274\x157
\x034\x032\x171\x334\x166\x051\x257\x316\x305\x054\x144\x004\x136\x210\x066\x156
\x061\x324\x100\x032\x142\x064\x066\x077\x065\x001\x256\x254\x143\x240

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 "GeoTrust Primary Certification Authority - G2"

# Issuer: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US
# Serial Number:3c:b2:f4:48:0a:00:e2:eb:24:3b:5e:60:3e:c3:6b
# Subject: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# Not Valid After : Mon Jan 18 23:59:59 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 "GeoTrust Primary Certification Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107 \063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\140\001\227\267\106\247\352\264\264\232\326\113\057\367\220\373
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
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 "GeoTrust Primary Certification Authority - G2"
# Issuer: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US
# Serial Number:3c:b2:f4:48:0a:00:e2:fe:eb:24:3b:5e:60:3e:c3:6b
# Subject: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# 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 "GeoTrust Primary Certification Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\215\027\204\325\067\363\003\175\354\160\376\127\213\121\232\231\346\020\327\260

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\001\136\330\153\275\157\075\216\241\061\137\012\230\163\152

CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\130\060\011\006\000\03\125\004\006\023\002\125\123
\061\126\060\204\006\003\125\040\120\023\151\071\145\157\124\162
\165\161\164\040\111\156\143\056\061\071\060\067\006\000\125\004
\013\023\006\000\050\143\051\040\062\060\060\067\040\107\145\157\124
\162\165\161\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\000\03\125\004\003\023\055\107\145
\157\124\162\165\163\164\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\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\074\262\364\110\012\000\342\376\353\044\073\136\140\076
\303\153
END

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

# Certificate "VeriSign Universal Root Certification Authority"
#
# Issuer: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Subject: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): 8E:AD:B5:01:AA:4D:81:E4:8C:1D:D1:E1:14:00:95:19
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Universal Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\275\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\011\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\145\162\151\123\151\147\156\040\124\162\165
\161\164\040\116\145\167\167\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\275\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\011\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\145\162\151\123\151\147\156\040\124\162\165

Open Source Used In Telstar 7.6.2 213
# Trust for Certificate "VeriSign Universal Root Certification Authority"
Open Source Used In Telstar 7.6.2  216

# Issuer: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Subject: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After: Thu Dec 01 23:59:59 2037
# Fingerprint (MD5): 8E:AD:B5:01:AA:4D:81:E4:8C:1D:D1:E1:14:00:95:19
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Universal Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\066\171\312\065\146\207\162\060\115\060\245\373\207\073\017\247
\173\267\015\124
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\216\255\265\001\252\115\201\344\214\035\321\341\024\000\225\031
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\275\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\062\16\156\12\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\26\060\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\060\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\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\020\100\032\304\144\041\263\023\041\003\016\273\344\022\032
\305\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "VeriSign Class 3 Public Primary Certification Authority - G4"
#
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For
# Trust for Certificate "VeriSign Class 3 Public Primary Certification Authority - G4"
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# 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 "VeriSign Class 3 Public Primary Certification Authority - G4"

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_CERT_SHA1_HASH MULTILINE_OCTAL
\042\325\330\337\217\002\061\321\215\367\235\267\317\212\055\144
\311\077\154\072

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\072\122\341\347\375\157\072\343\157\363\151\231\033\371\042\101

CKA_ISSUER MULTILINE_OCTAL
\060\021\312\061\013\060\001\11\006\003\125\004\006\023\002\125\123
\061\027\060\025\060\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\011\115\143\013\056\061\037\060\035\006\003\125
\004\013\023\026\012\145\162\151\123\151\147\156\040\014\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
# Certificate "NetLock Arany (Class Gold) Ftanúsítvány"

# Issuer: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny.OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number:49:41:2c:e4:00:10
# Subject: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny.OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
# Not Valid Before: Thu Dec 11 15:08:21 2008
# Not Valid After : Wed Dec 06 15:08:21 2028

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Arany (Class Gold) Ftanúsítvány"

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\104\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\064
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\057\200\376\043\214\016\042\017\110\147\022\050\221\207
\254\263
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
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\001\220\043\374\116\060\251\176\341\047\143\347\355\144\074\240
\270\311\063\143\376\026\220\377\260\270\375\327\250\300\300\224
\103\013\266\325\131\146\236\126\320\044\037\160\171\257\333\071
\124\015\145\165\331\025\101\224\001\257\116\354\366\215\361\377
\255\144\376\040\232\327\134\353\376\246\037\010\144\243\213\166
\125\255\036\073\050\140\056\207\045\350\252\257\037\306\244\106
\040\267\160\177\074\336\110\333\226\123\267\071\116\344\032\342
\307\026\204\166\227\133\057\230\031\025\244\121\354\231
\247\251\136\064\247\251\266\260\053\374\157\206\075\124\174\166
\004\233\153\371\100\135\000\056\307\056\231\165\235\345\210\003
\252\115\370\003\332\102\166\300\033\000\250\207\213\243\105
\060\1\03\060\02\20\003\125\350\02\303\01\137\70\040\060\006
\001\001\137\70\020\01\104\060\016\006\003\125\350\170\010\101\377
\004\004\030\002\001\006\006\035\006\005\006\040\026\004
\024\134\172\147\223\360\266\270\032\024\53\003\363\123\375\214
\123\337\203\032\27\260\060\150\006\011\052\026\061\010\206\367\015\001
\001\013\005\000\003\022\001\001\000\253\177\356\304\266\251\234
\074\121\000\024\090\002\010\005\52\247\231\346\157\001\210\124\141
\156\361\271\030\255\11\12\253\376\201\100\043\224\057\373\165\174
\057\050\011\13\142\044\201\202\01\365\143\361\034\156\270\141\070
\353\321\072\142\241\073\132\124\323\224\153\304\341\346\155\202
\370\057\045\160\262\041\046\031\162\121\037\214\054\303\024\220
\303\132\217\272\317\364\247\145\245\353\230\321\137\005\262\106
\165\025\043\152\157\205\143\360\020\363\032\236\037\051\034\302
\154\260\120\131\135\220\133\073\250\015\060\317\277\175\377\136
\361\235\203\275\311\106\165\040\246\371\114\121\272\041\057\173
\276\245\025\143\241\324\225\207\361\236\271\136\321\136\075\205
\270\270\333\276\265\271\051\371\133\232\067\005\000\111\224\003\024
\104\347\277\103\061\131\165\213\045\321\364\246\144\365\223\366
\253\005\353\075\351\245\013\066\142\323\314\006\137\066\213\266
\136\061\270\032\537\136\366\161\137\104\046\236\304\346\015\221
\264\056\165\252\000\121\152\113\060\246\260\014\224\122\361\123
\330\316\304\143\165\077\131\107\261
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 "NetLock Arany (Class Gold) Ftanúsítvány"
# Issuer: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number:49:41:2c:e4:00:10
# Subject: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
# Not Valid Before: Thu Dec 11 15:08:21 2008
# Not Valid After: Wed Dec 06 15:08:21 2028
CKA_CLASS CK_OBJECT_CLASS 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) Tanúsítvány"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\006\010\077\131\077\025\241\004\240\151\144\153\251\003\320\006
\267\227\011\221
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\241\267\377\163\335\326\327\064\062\030\337\374\074\255\210
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\140\114\161\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\163\040\107\157\154\144\051\104\166\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\111\101\054\344\000\020
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Hongkong Post Root CA 1"
#
# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Serial Number: 1000 (0x3e8)
# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Not Valid Before: Thu May 15 05:13:14 2003
# Not Valid After : Mon May 15 04:52:29 2023
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 1"
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"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\326\332\250\015\157\071\170\271\103\155\167\102\155\230\132\340\043\312
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\250\015\157\071\170\271\103\155\167\102\155\230\132\340\043\312
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)
# 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"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\073\304\237\110\370\363\163\240\234\036\275\370\133\261\303\145
\307\330\021\263
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\122\164\342\222\264\200\223\362\165\344\314\327\362\352\046
END

CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\001\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

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# 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

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

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 "Microsec e-Szigno Root CA 2009"
cka_cert_sha1_hash MULTILINE_OCTAL
cka_cert_md5_hash MULTILINE_OCTAL
cka_issuer MULTILINE_OCTAL
cka_cert_sha1_hash MULTILINE_OCTAL
cka_cert_md5_hash MULTILINE_OCTAL
cka_issuer MULTILINE_OCTAL
# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\003\125\004\003\014\36\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\151\157\150\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\060\01\052\206\110\206\367\015
\001\010\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
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_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\030\217\163\103\004\116\107\077\031
END

# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\003\125\004\003\014\36\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\151\157\150\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\060\01\052\206\110\206\367\015
\001\010\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
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_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\030\217\163\103\004\116\107\077\031
END
# 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
CKA_LABEL UTF8 "GlobalSign Root CA - R3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\326\233\126\021\110\360\034\167\305\076\260\050
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\337\270\111\132\005\023\125\356\055\272\032\030\076\260\050
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\126\063\061\023\066\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\066\021\006\003\125
\004\003\023\121\107\154\157\142\141\154\123\151\147\156
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\041\130\123\010\242
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number: 53:ec:3b:ee:fb:b2:48:5f
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After: Tue Dec 31 08:38:15 2030

# CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
# CKA_TOKEN CK_BBOOL CK_TRUE
# CKA_PRIVATE CK_BBOOL CK_FALSE
# CKA_MODIFIABLE CK_BBOOL CK_FALSE

# CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"

# CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

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

# CKA_ID UTF8 "0"

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

# CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\123\354\073\356\373\326\110\137\END

# CKA_VALUE MULTILINE_OCTAL
\060\202\006\240\060\202\003\374\240\003\002\001\002\002\010\123\354\073\356\373\262\110\137\END

# CKA_MODIFIABLE CK_BBOOL CK_FALSE


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

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 "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

# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030

# Authoridad de Certificacion Firmaprofesional CIF A62634068

CKA_CLASS CK_OBJECT_CLASS 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_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

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Open Source Used In Telstar 7.6.2  238
\127\053\336\205\003\371\151\067\313\236\170\152\005\264\305\061
\170\211\354\172\247\205\341\271\173\074\336\267\036\171\204\316
\237\160\016\131\302\065\056\220\052\061\133\144\105\172\101\244
\056\023\233\240\164\166\173\111\253\144\227\320\106\030\171\125
\162\120\143\246\230\133\006\275\110\155\330\071\203\160\350\065
\360\005\321\252\274\343\333\310\002\352\174\375\202\332\302\133
\122\065\256\230\072\255\272\065\223\043\247\037\110\335\065\106
\230\262\020\150\344\245\061\132\012\130\056\031\201\020\311\120
\165\374\352\132\266\316\021\132\356\357\120\210\055\141\377\077
\102\163\005\224\103\325\216\074\116\001\072\031\245\037\106\116
\167\337\053\345\201\042\041\207\376\224\175\204\330\223\255\326
\150\103\110\262\336\353\163\044\347\221\177\124\244\266\200\076
\235\243\074\114\162\021\127\034\240\324\314\040\047\316\325\006
\236\242\110\031\351\237\316\120\160\066\223\232\073\337\226\041
\343\111\267\014\332\221\067\360\375\131\132\263\231\105\151\154
\103\046\001\065\143\140\125\211\010\032\165\330\272\112\333\124
\377\356\336\200\330\055\321\070\325\136\055\013\230\175\076\154
\333\374\201\0307
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 "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

# CA Class CK_OBJECT_CLASS CKO_NSS_TRUST
# CA Token CK_BBOOL CK_TRUE
# CA Private CK_BBOOL CK_FALSE
# CA Modifiable CK_BBOOL CK_FALSE
# CA Label UTF8 "Izenpe.com"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\057\170\075\045\122\030\247\112\145\071\161\265\054\242\234\105
\0251.157.351.031
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\246\260\315\205\020\003\322\134\120\064\243\071\220\057\125\147\163
END

CKA_ISSUER MULTILINE_OCTAL
\060\070\006\101\130\060\011\106\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\015\116\120\010
\040\123\056\101\056\061\120\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
END

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

#
# Certificate "Chambers of Commerce Root - 2008"
#
# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
# (see current address at www.camerfirma.com/address),C=EU
# Serial Number:00:a3:da:42:7e:a4:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
# (see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After : Sat Jul 31 12:29:50 2038
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\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
\141\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\102\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\103\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\140\123\056\101\105\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\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\201\256\061\103\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
\141\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\102\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\103\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\140\123\056\101\105\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END


# 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:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
  (see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After: Sat Jul 31 12:29:50 2038
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\170\152\164\254\166\253\024\177\234\152\060\120\272\236\250\176
\376\232\316\074
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\136\200\236\204\132\041\165\013\027\002\363\125\030\052\076\327
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\103\060\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\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\165\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\120\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\140\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\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_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 "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

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\231\362\173\161\076\074\361\230\247\305\030\022\207\346\273\050
\063\102\351\105\012\174\155\362\206\171\057\305\020\033\175\011
\211\174\262\124\166\210\025\336\301\363\314\341\156\333\061\326
\223\256\231\124\035\045\152\163\230\211\133\072\056\023\210\036
\277\300\222\224\064\033\343\047\267\213\036\157\102\377\347\351
\067\233\120\035\055\224\237\100\232\356\313\130\130\072\161\127\4150
\343\252\301\125\034\050\037\242\334\043\145\077\201\135\256\231
\323\330\060\031\023\015\117\025\274\247\110\205\70\66\214\355\072\177\140\021\70\364
\351\233\256\325\124\300\164\200\321\013\102\237\301
END

CKA_NSS MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_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: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_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"
```
# 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
CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END
Open Source Used In Telstar 7.6.2  253
Certificate "Starfield Root Certificate Authority - G2"


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


Class CK_OBJECT_CLASS CKO_CERTIFICATE

Token CK_BBOOL CK_TRUE

Private CK_BBOOL CK_FALSE

Modifiable CK_BBOOL CK_FALSE

Label UTF8 "Starfield Root Certificate Authority - G2"

Certificate_Type CK_CERTIFICATE_TYPE CKC_X_509

Subject MULTILINE_OCTAL

Issuer MULTILINE_OCTAL

Id UTF8 "0"

Issuer MULTILINE_OCTAL
Open Source Used In Telstar 7.6.2

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
### 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


### Certificate Class CK_OBJECT_CLASS

### Token CK_BBOOL CK_TRUE

### Private CK_BBOOL CK_FALSE

### Modifiable CK_BBOOL CK_FALSE

### Label UTF8 "Starfield Services Root Certificate Authority - G2"

### Certificate Type CK_CERTIFICATE_TYPE

### Subject CK_MULTILINE_OCTAL

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# 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\242
END

CKA_ISSUER MULTILINE_OCTAL
\060\202\230\061\013\060\001\11\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\011\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\104\056\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\17\040\055\040\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\100
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
# Trust for Certificate "AffirmTrust Commercial"
# Issuer: 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

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
Open Source Used In Telstar 7.6.2

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 "AffirmTrust Commercial"  
CKA_CERT_SHA1_HASH MULTILINE_OCTAL  
\371\265\266\062\105\137\234\276\354\127\137\200\334\351\156\054  
\307\262\170\267  
END  
CKA_CERT_MD5_HASH MULTILINE_OCTAL  
\202\222\272\133\357\315\212\157\246\075\125\371\204\366\326\267  
END  
CKA_ISSUER MULTILINE_OCTAL  
\060\104\006\101\130\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\140\131\011\146\146\151\162\155  
\124\162\165\163\164\061\103\060\035\006\003\125\004\003\014\026  
\101\146\146\151\162\155\124\162\165\163\164\040\013\157\155\155  
\145\162\143\151\141\154  
END  
CKA_SERIAL_NUMBER MULTILINE_OCTAL  
\002\010\167\167\006\047\046\251\261\174  
END  
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR  
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST  
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST  
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#  
# Certificate "AffirmTrust Networking"  
#  
# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US  
# Serial Number:7:c: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_CERTIFICATE  
CKA_TOKEN CK_BBOOL CK_TRUE  
CKA_PRIVATE CK_BBOOL CK_FALSE  
CKA_MODIFIABLE CK_BBOOL CK_FALSE  
CKA_LABEL UTF8 "AffirmTrust Networking"  
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509  
CKA_SUBJECT MULTILINE_OCTAL  
\060\104\006\101\130\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\140\131\011\146\146\151\162\155  
\124\162\165\163\164\061\103\060\035\006\003\125\004\003\014\026  
\101\146\146\151\162\155\124\162\165\163\164\040\016\145\164\167
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_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\051\066\041\002\213\040\355\002\365\146\305\062\321\326\355\220
\237\105\000\057
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\102\145\312\276\001\123\223\114\251\124\101\111\135\300\325\177
END
CKA_ISSUER MULTILINE_OCTAL
\060\014\066\013\060\001\100\063\013\250\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\103\076\003\050\003\125\004\003\014\026

Open Source Used In Telstar 7.6.2  265
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "AffirmTrust Premium"
#
# Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Serial Number: 6d:8c:14:46:b1:a6:0a:ee
# Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:10:36 2010
# Not Valid After: Mon Dec 31 14:10:36 2040
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\010\001\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\034\060\032\006\003\125\004\003\014\023
\010\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\010\001\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\034\060\032\006\003\125\004\003\014\023
\010\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\124\160\012\356
END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\106\060\202\003\056\240\003\002\001\002\002\010\0155
\214\024\106\261\124\160\2356\060\015\006\011\052\206\110\206\367
\005\060\003\001\001\013\77\060\016\006\000\03\125\035\017\000\0101\01377
\004\004\000\03\002\0001\0006\006\015\006\001\0152\206\110\206\367\015
\001\010\001\140\05\000\003\03\202\02\001\000\002\263\127\115\02\0142\116
\072\344\254\352\270\034\257\062\043\310\263\111\132\121\234\166
\050\02\15\171\252\217\106\02\07\325\365\122\236\267\104\350\010\0104
\277\30\03\242\01\13\200\315\30\02\223\375\000\125\005\14\1\207\101
\334\265\044\236\074\030\33\010\373\160\236\057\170\226\203\040
\066\33\174\017\151\023\210\245\165\066\230\010\246\306\337\254
\316\343\013\03\203\26\076\063\272\363\353\064\100\300\242\201\365
\170\077\057\325\245\374\331\242\324\136\004\016\027\255\376\101
\360\345\262\216\372\104\202\206\310\235\050\55\130\367\162\241\42
\077\27\102\206\23\04\01\34\176\056\145\046\134\123\117\000\0262
\170\176\241\105\231\055\215\270\035\216\242\304\260\375\140\320
\060\244\216\310\000\04\142\25\304\335\065\336\172\227\355\16070
\136\222\057\223\160\245\251\234\157\247\175\023\035\176\306\010
\110\261\136\147\353\121\010\045\351\346\045\153\122\051\221\234
\322\071\163\010\127\336\231\006\264\133\235\020\006\341\302\000
\250\270\034\112\002\012\024\320\301\101\123\373\214\065\041\175
\202\070\362\25\124\221\031\065\223\224\155\152\072\305\26\2320
\273\211\206\223\350\233\311\017\072\247\172\270\241\360\107\100
\372\23\067\057\345\12\204\363\337\376\004\331\124\150\240\057
\044\342\011\225\006\232\225\312\341\044\226\353\174\366\223\005
\273\355\163\351\305\32\116\071\327\347\044\333\330\116\137\100
\217\236\320\024\071\277\125\160\110\231\127\207\061\264\343\356\112
\230\003\226\060\037\140\000\235\035\034\337\260\114\043\323\021\007
\142\205\245\314\031\064\200\157\263\254\03\320\000\137\110
\255\325\001\133\114\277\260\251\162\223\352\05\146\265\262\270\034
\075\074\262\237\114\21\433\235\30\072\77\253\065\232\123\256\024
\030\246\262\250\136\264\203\154\131\151\100\323\237\334\361\303
\151\153\277\134\155\0113\364\361\252\120\166\012\172\175\172\027
\241\125\226\02\23\06\101\135\140\021\215\050\060\176\346\216
\106\321\235\024\332\307\027\344\235\226\143\204\304\44\265\033\17
\024\007\262\100\370\263\236\101\206\274\004\320\152\226\30\1005
\200\006\375\277\357\006\243\335\103\325\025\075\076\121\367\260
\051\340\266\270\01\11\150\031\034\030\103
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=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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\330\246\063\054\340\003\157\261\205\366\143\117\175\152\006\145
\046\062\050\047
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\304\135\016\110\266\254\050\060\116\012\274\371\070\026\207\127
END
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\013\060\001\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\155\214\024\106\261\246\012\356
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "AffirmTrust Premium ECC"
#
# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Serial Number:74:97:25:8a:c7:3f:7a:54
# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:20:24 2010
# Not Valid After : Mon Dec 31 14:20:24 2040
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE 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\001\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
# 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_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 "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
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\144\260\011\125\137\143\162\165\163\164\061\151\165\155\040\105\103
END

CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\001\1\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\140\031\101\146\146\151\162\155
\124\162\165\163\164\060\140\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\100\164\127\045\213\037\172\124
END

# 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
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
CKA_VALUE MULTILINE_OCTAL
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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 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 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\137\106\054\211\165\142\017\252\170
END
CKA_ISSUER MULTILINE_OCTAL
\060\176\061\103\060\011\100\060\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\162\165\163\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\104\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)


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# Trust for Certificate "TWCA Root Certification Authority"
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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_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 "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\006\043\110
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\010\217\366\371\173\267\362\261\247\036\233\352\352\275\171
END
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\105\206\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Explicitly Distrust DigiNotar Root CA"
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number: 0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After: Mon Mar 31 18:19:22 2025
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_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\001\110\060\003\125\004\006\023\002\116\114\061
\022\060\020\110\060\003\125\004\012\023\001\110\141\157\116\115\157
\164\141\162\061\032\060\003\006\031\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\110\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
\154
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\001\110\060\003\125\004\006\023\002\116\114\061
\022\060\020\110\060\003\125\004\012\023\001\110\141\157\116\115\157
\164\141\162\061\032\060\003\006\031\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\110\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
\154
CKA_VALUE MULTILINE_OCTAL
\060\202\005\212\060\020\003\162\240\003\002\001\002\002\020\017
\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377\377\377\015\006\011\052\206\110\206\367\015\001\001\011\005\000
\060\137\061\013\060\001\110\060\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\012\023\001\110\141\157\116\115\157
\164\141\162\061\032\060\003\006\031\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\110\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
\154
CKA_VALUE MULTILINE_OCTAL
\060\202\005\212\060\020\003\162\240\003\002\001\002\002\020\017
\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377\377\377\015\006\011\052\206\110\206\367\015\001\001\011\005\000
\060\137\061\013\060\001\110\060\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\012\023\001\110\141\157\116\115\157
\164\141\162\061\032\060\003\006\031\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\110\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
\154

# Trust for Certificate "Explicitly Distrust DigiNotar Root CA"
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025

CKA_CLASS CK_OBJECT_CLASS 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
\012\167\314\272\264\373\243\131\343\346\001\335\123\331\116
\316\272\204\105

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\012\244\325\314\272\264\373\243\131\343\346\001\135\123\331\116

END

CKA_ISSUER MULTILINE_OCTAL
\060\173\060\011\006\003\125\004\060\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
# 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
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJEC_MULTILINE_OCTAL
CKA_ID UTF8 "0"
CKA_ISSUER_MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL

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 (0xfffffff)
# 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
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"
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_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Security Communication RootCA2"
#
# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
# Not Valid Before: Fri May 29 05:00:39 2009
# Not Valid After: Tue May 29 05:00:39 2029
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 "Security Communication RootCA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END

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# 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\170\264\316\354\031\031\303\163
\064\271\307\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\154\071\175\244\016\125\131\262\077\326\101\261\022\120\336\103
END
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END

# Certificate "EC-ACC"
#
# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificació Catalanes,OU=Vegeu https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificació,O=Agencia Catalana de Certificació (NIF Q-0801176-I),C=ES
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificació Catalanes,OU=Vegeu https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificació,O=Agencia Catalana de Certificació (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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EC-ACC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\363\061\013\060\001\011\006\003\125\004\006\023\002\105\123
\061\073\060\071\006\003\125\004\012\023\062\101\1147\145\156\143
\151\141\040\013\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\141\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\161\063\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\162\162\145\154\040\050\143\050\160\063\061\065
\060\063\006\003\125\004\013\023\054\121\145\162\141\162\161\165
\151\141\040\105\156\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\156\061\017\060\015\060\003\125\004\003\023\006
\105\103\055\103\103
END

CKA_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL
\060\201\363\061\013\060\001\011\006\003\125\004\006\023\002\105\123
\061\073\060\071\006\003\125\004\012\023\062\101\1147\145\156\143
\151\141\040\013\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\141\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\161\063\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\162\162\145\154\040\050\143\050\160\063\061\065
\060\063\006\003\125\004\013\023\054\121\145\162\141\162\161\165
\151\141\040\105\156\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\156\061\017\060\015\060\003\125\004\003\023\006
\105\103\055\103\103
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 "EC-ACC"
# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificació 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 Certificació 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\372\346\167\114\013\155\247\326\272
\246\112\362\350
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\353\365\235\051\015\141\371\102\037\174\302\272\155\343\025\011
END
CKA_ISSUER MULTILINE_OCTAL
\060\103\363\061\013\060\001\11\006\003\125\004\006\023\002\105\123
\061\073\076\071\006\003\125\004\012\023\062\101\114\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\140\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\110
\040\121\105\055\060\007\060\006\061\067\066\005\11\005\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\000\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\143\151\165\040\150\145\162\161\165
\151\151\040\150\156\164\141\164\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006
\105\103\055\101\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\200\356\053\075\353\324\041\336\002\245\142\254\004\363\335
\304\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
Open Source Used In Telstar 7.6.2

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# 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


END

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CKA_CLASS CK_OBJECT_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"

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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 "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_CLASS CK_OBJECT_CLASS 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"

END
# 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 7 15:37:15 2011 GMT
# Not After : Apr 4 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"

END

CKA_ISSUER MULTILINE_OCTAL
\060\020\012\025\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\012\060\017\006\003\125\004\010\023\010\111\154\151\116
\157\111\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\116
\147\163\054\040\111\156\143\056\061\063\060\061\100\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\011\052\206\110\206\367\015\001\011\100\102\020\143\141
\100\164\162\165\163\164\167\141\166\145\040\113\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
# 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

# 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_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\100\060\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\012\050\004\007\140\005\115\151\154\141\156\061
\043\060\041\006\003\012\050\004\012\040\032\101\143\164\141\154\151
\163\040\123\056\056\051\010\055\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\010\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\100\060\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\012\050\004\007\140\005\115\151\154\141\156\061
\043\060\041\006\003\012\050\004\012\040\032\101\143\164\141\154\151
\163\040\123\056\056\051\010\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\010\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\127\012\021\227\102\304\343\314
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\273\060\020\003\243\240\003\002\001\002\002\010\127
\012\021\227\102\304\343\314\060\015\000\060\11\052\026\110\020\063\101
\015\050\001\013\005\000\060\153\061\013\039\011\056\003\125\004
\006\023\002\111\124\061\016\050\014\006\003\125\004\007\140\005
\115\151\154\141\156\061\043\060\041\006\003\125\004\012\014\032
\101\143\164\141\154\151\163\040\123\056\160\056\101\056\057\060
\063\060\057\070\065\062\060\071\016\067\061\047\070\064\050\066\003
\125\004\003\014\036\101\143\164\141\154\151\163\040\122\157\157\164
\150\145\156\164\151\143\141\164\151\157\156\040\122\157\157\164
\062\060\062\132\027\015\063\060\060\071\062\062\061\061\062
\062\060\062\132\027\015\063\060\060\071\062\062\061\061\062
\060\060\062\132\060\015\061\013\039\011\056\003\125\004\006\023\002
\111\124\061\016\065\014\006\003\125\004\007\140\005\115\151\154
\141\156\061\043\060\041\006\003\125\004\012\014\032\101\143\164
\141\154\151\163\040\123\056\160\056\101\056\057\060\063\063\065
\070\065\062\060\071\066\067\061\047\060\045\060\003\125\004\003
\014\036\101\143\164\141\154\151\163\040\101\165\164\150\145\156
\164\151\143\141\164\151\157\156\040\122\157\157\164\040\103\101
\062\020\020\020\042\060\015\056\011\052\020\110\020\063\076
\101\001\005\000\003\202\020\020\017\000\060\020\020\012\002\202\002
\000\024\71\036\034\245\051\124\054\357\345\030\035\260\120\243\157
# Trust for "Actalis Authentication Root CA"
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Serial Number:57:0a:11:97:42:c4:e3:cc
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Not Valid Before: Thu Sep 22 11:22:02 2011
# Not Valid After : Sun Sep 22 11:22:02 2030
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\363\163\263\207\006\132\050\204\212\263\263\112\131\031\053\335
\307\216\234\254
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\151\301\015\117\007\243\033\033\033\376\126\075\004\274\021\366\246
END
# Certificate "Trustis FPS Root CA"

# Issuer: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB
# Serial Number: 1b:1f:ad:b6:20:00:00:00:00:03:125:00:04:00:06:02:30:02:11
# Not Valid Before: Tue Dec 23 12:14:06 2003
# Not Valid After : Sun Jan 21 11:36:54 2024

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustis FPS 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 "Trustis FPS Root CA"
# Issuer: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB
# Subject: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB
# Not Valid Before: Tue Dec 23 12:14:06 2003
# Not Valid After : Sun Jan 21 11:36:54 2024

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustis FPS Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\073\300\070\013\063\303\366\246\014\206\025\042\223\331\337\365
\113\201\300\004

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\060\311\134\70\036\153\134\6\024\353\145\262\026\151\040\061\147\115
END

CKA_ISSUER_MULTILINE_OCTAL
\060\015\056\061\013\060\001\11\006\003\125\004\060\023\002\107\102\061
\030\060\026\060\003\125\004\012\023\017\124\162\165\163\164\151
\163\040\114\151\155\151\164\145\144\061\103\060\032\060\031\125
\004\013\023\012\146\216\165\163\164\151\163\040\106\120\123\040
\122\157\157\164\040\103\101
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\20\033\037\255\266\040\371\044\323\066\153\137\307\361\214
\240\131
END

Open Source Used In Telstar 7.6.2 302
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Buypass Class 2 Root CA"
#
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
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 "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"


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

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 "Buypass Class 3 Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\166\061\013\060\011\006\003\125\004\006\023\002\116\170\061
\035\060\033\000\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\062\067\061\040
\060\036\000\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
```
# Trust for "Buypass Class 3 Root CA"
# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:28:58 2010
# Not Valid After : Fri Oct 26 08:28:58 2040

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 "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
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\012\061\001\013\060\001\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\041\023\014\042\124\055\123\111\163
\164\145\155\153\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\070\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\060\003\012\050\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\012\061\001\013\060\001\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\111\163
\164\145\155\153\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\070\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\060\003\012\050\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\012\061\001\013\060\001\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\111\163
\164\145\155\153\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\070\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\060\003\012\050\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\012\061\001\013\060\001\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\111\163
\164\145\155\153\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\070\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\060\003\012\050\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
# 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)
# 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\x116\x223\x303\x244\x124\x024\x133
CKA_CERT_MD5_HASH MULTILINE_OCTAL\x312\x373\x100\x250\x116\x071\x122\x212\x035\x376\x216\x057\x304\x047\x352\x357

CKA_ISSUER_MULTILINE_OCTAL\x06\x02\x01\x01\x10\x01\x00\x01\x11\x06\x06\x03\x12\x5\x04\x00\x6\x02\x02\x10\x4\x105
\x01\x053\x06\x051\x00\x6\x03\x12\x5\x04\x04\x2\x12\x4\x042\x12\x4\x055\x12\x3\x17\x11\x163
\x16\x4\x145\x155\x163\x040\x105\x156\x164\x145\x162\x160\x162\x151\x163\x145\x040
\x12\x3\x145\x162\x160\x151\x143\x145\x163\x040\x107\x155\x142\x11\x06\x1\x037\x060
\x035\x00\x03\x12\x5\x04\x04\x13\x014\x026\x12\x4\x055\x12\x3\x17\x11\x163\x164\x145\x155
\x163\x040\x12\x4\x162\x165\x163\x164\x040\x103\x145\x156\x164\x145\x162\x061\x045
\x06\x043\x06\x03\x12\x5\x04\x04\x003\x104\x034\x12\x4\x055\x12\x4\x145\x154\x145\x123
\x145\x143\x040\x107\x154\x157\x142\x141\x154\x122\x157\x157\x164\x040\x103\x154
\x141\x163\x163\x040\x063

CKA_SERIAL_NUMBER MULTILINE_OCTAL\x00\x2\x001\x001

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 "EE Certification Centre Root CA"

# Issuer: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Subject: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Not Valid Before: Sat Oct 30 10:10:30 2010
# Not Valid After: Tue Dec 17 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 "EE Certification Centre Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061 \042\060\040\006\033\125\004\012\014\031\101\123\040\123\145\162 \164\151\146\151\164\163\145\145\162\151\155\151\163\153\153\163 \153\163\163\061\150\060\046\006\003\125\004\030\014\037\105\105 \040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103 \145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060 \026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153 \151\100\163\153\056\145\145
END

CKA_ID UTF8 "0"

CKA_ISSUER_MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061 \042\060\040\006\033\125\004\012\014\031\101\123\040\123\145\162 \164\151\146\151\164\163\145\145\162\151\155\151\163\153\153\163 \153\163\163\061\150\060\046\006\003\125\004\030\014\037\105\105 \040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103 \145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060 \026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153 \151\100\163\153\056\145\145
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\124\200\037\1\240\163\355\077\000\011\43\12\21\1\33\034\3\161 \346\112
END

CKA_VALUE MULTILINE_OCTAL
\060\02\02\00\04\00\03\06\02\20\00\02\35\240\03\00\02\00\01\00\20\02\02\124 \200\03\71\240\163\355\077\000\011\43\12\21\1\33\034\3\161 \346\112 \015\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153 \151\100\163\153\056\145\145
END

Open Source Used In Telstar 7.6.2 313
\126\114\042\056\106\103\212\044\100\055\363\022\270\073\3160\032
\244\226\271\032\257\027\101\032\152\030\015\006\117\307\076\156
\271\051\115\015\111\21\021\207\062\133\346\113\004\310\034\134
\346\164\163\224\135\026\230\023\225\076\173\333\261\104\345\072
\160\025\067\153\346\263\063\162\050\311\126\127\240\366\002\026
\21\006\013\126\024\113\030\040\050\324\336\075\213\055\005\123
\164\036\156\134\274\103\027\161\136\371\130\314\032\251\141\356
\367\166\014\363\162\364\162\255\171\162\002\066\007\107\317\357
\031\121\021\114\031\351\044\225\017\302\035\362\157\166\220
\307\314\165\301\126\305\235
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 "EE Certification Centre Root CA"
# Issuer: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Subject: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Not Valid Before: Sat Oct 30 10:10:30 2010
# Not Valid After: Tue Dec 17 23:59:59 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 "EE Certification Centre Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\311\250\271\347\125\200\136\130\343\123\167\247\045\353\257\303
\173\047\314\327
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\136\210\324\175\032\121\176\375\204\056\122\353\001\1324\157
END

CKA_ISSUER MULTILINE_OCTAL
\060\165\061\103\060\11\006\003\135\004\006\023\002\105\105\061
\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163
\153\165\163\061\105\060\046\066\006\031\125\004\030\143\105\105
\140\031\145\162\164\151\146\151\143\141\164\151\157\156\040\103
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\103\006
\026\106\011\052\206\110\206\367\015\001\111\061\206\011\160\153
\151\100\163\153\056\145\145
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\124\200\371\240\163\355\077\000\114\312\211\133\034\161
\346\112
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 ISLEME,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_SERIAL_NUMBER MULTILINE_OCTAL
\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157\156\151\153\040\123\165\165\143\165\040\123\145\162\164\151\146\151\153\141\163\304\040\110\151\040\304\154\151\305\237\151\155\040\107\033\274\166\145\156\151\134\237\151\140\110\151\172\155\145\156\154\145\162\151\150\140\101\056\305\236\056\040\050\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\047
END

# 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 Number: 2148 (0x864)
# Subject: CN=*,.EGO.GOV.TR,OU=EGO BILGI ISLEME,O=EGO,L=ANKARA,ST=ANKARA,C=TR
# Not Valid Before: Mon Aug 08 07:07:51 2011
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157\156\151\153\040\123\165\165\143\165\040\123\145\162\164\151\146\151\153\141\163\304\040\110\151\040\304\154\151\305\237\151\155\040\107\033\274\166\145\156\151\134\237\151\140\110\151\172\155\145\156\154\145\162\151\150\140\101\056\305\236\056\040\050\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\047
END
# 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\115\061\013\060\011\006\003\125\004\003\014\064\124\303\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157\156\151\153\040\123\165\165\143\165\040\123\145\156\164\151\146\151\153\141\163\304\261\040\110\151\151\172\155\145\164\154\145\162\151\156\040\123\165\156\151\153\040\123\124\122\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164\151\130\237\151\155\040\107\030\274\166\145\156\154\151\130\237\151\040\110\151\172\155\145\164\154\156\152\151\040\101\056\305\236\056\040\050\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL\002\002\010\144
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 "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_CERTIFICATE
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\003\014\064\124\303\234\122\113\124\125\123\124\040\105\154\145\153\164\162\157\156\151\153\040\123\165\165\143\165\040\123\145\156\164\151\146\151\153\141\163\304\261\040\110\151\151\172\155\145\164\154\145\162\151\156\040\123\165\156\151\153\040\123\124\122\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164\151\130\237\151\155\040\107\030\274\166\145\156\154\151\130\237\151\040\110\151\172\155\145\164\154\156\152\151\040\101\056\305\236\056\040\050\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065
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

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\367\233\033\155\051\323\377
\215\137\000\360
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\340\045\151\215\107\254\234\211\065\220\367\375\121\075\057
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\033\125\004\012\014\014\040\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "D-TRUST Root Class 3 CA 2 EV 2009"

# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\033\125\004\012\014\014\040\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014

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# 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)
# 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\376\140
\372\271\026\203
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\306\103\054\136\055\315\304\064\300\120\117\021\002\117\266
END

CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\001\110\066\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\140\141\104\055\124\162\165\163
\164\040\107\155\142\110\066\105\206\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364
END

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

# Certificate "CA Disig Root R2"

# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number:00:92:b8:88:db:b0:8:ac: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
CKA_CLASS CK_OBJECT_CLASS 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"

# Trust for "CA Disig Root R2"
# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number:00:92:b8:88:db:b0:8a:c1:63
# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Not Valid Before: Thu Jul 19 09:15:30 2012
# Not Valid After : Sat Jul 19 09:15:30 2042

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\265\141\353\352\244\336\344\045\113\151\032\230\245\127\107\302
\064\030\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\103\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\060\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\060\003\125\004\012\023\012\014
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\222\270\210\033\260\012\014

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# 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

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACCVRAIZ1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\112\061\066\016\006\003\125\004\013\014
\007\120\113\111\110\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\010\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\112\061\066\016\006\003\125\004\013\014
\007\120\113\111\110\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\010\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\136\303\267\246\103\177\244\340

END

CKA_VALUE MULTILINE_OCTAL
\060\020\007\323\260\202\005\273\240\003\002\001\002\002\010\136
\303\267\246\103\177\244\340\060\015\006\011\052\206\10\206\367
\015\001\000\005\050\000\060\102\061\022\060\020\006\003\125\004
\003\014\010\111\010\033\103\126\122\101\111\132\061\061\020\060\016
\006\003\125\004\013\014\007\120\113\111\110\103\103\126\061\015
\060\013\006\003\125\004\012\014\004\010\103\103\126\061\013\060
\011\006\003\125\004\006\023\002\105\123\060\036\027\015\061\061
\060\065\060\065\060\071\1063\067\063\067\132\027\015\063\060\061
\062\063\061\060\071\063\067\063\067\132\060\010\061\022\060\020
# Trust for "ACCVRAIZ1"
# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Serial Number:5e:c3:b7:a6:43:7f:a4:e0
# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Not Valid Before: Thu May 05 09:37:37 2011
# Not Valid After : Tue Dec 31 09:37:37 2030

CKA_CLASS CK_OBJECT_CLASS 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_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
# 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_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

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 "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
# 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
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
CKA_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 "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

CKA_CLASS CK_OBJECT_CLASS 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"

# Certificate "E-Tugra Certification Authority"
# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tugra Bilişim Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR
# Serial Number:6a:68:3e:9c:51:9b:cb:53
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tugra Bilişim 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\020\262\061\013\060\001\110\006\000\033\125\004\006\023\002\124\122
\061\017\060\015\006\000\033\125\004\007\014\006\101\156\153\141\162
\141\061\100\006\007\060\000\033\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\010\040\121\151\154\151\130\237\151
\155\040\124\145\153\156\157\154\152\151\154\145\162\151\040
\166\145\140\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\140\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\151\061\105\050\060\046\006
\003\125\004\030\143\071\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\020\262\061\013\060\001\110\006\000\033\125\004\006\023\002\124\122
\061\017\060\015\006\000\033\125\004\007\014\006\101\156\153\141\162
\141\061\100\006\007\060\000\033\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\010\040\121\151\154\151\130\237\151
\155\040\124\145\153\156\157\154\152\151\154\145\162\151\040
\166\145\140\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\140\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\151\061\105\050\060\046\006
\003\125\004\030\143\071\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\152\150\076\234\121\233\313\123
END
# Trust for "E-Tugra Certification Authority"
# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A.....,L=Ankara,C=TR
# Serial Number:6a:68:3e:9c:51:9b:cb:53
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A.....,L=Ankara,C=TR
# Not Valid Before: Tue Mar 05 12:09:48 2013
# Not Valid After : Fri Mar 03 12:09:48 2023

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Certification Authority"

CKA_ISSUER MULTILINE_OCTAL
\264\303\362\160\117\237\062\023\343\260\247\127\345\332\332\103
\313\204\064\362\050\304\352\155\364\052\357\301\153\166\332\373
\176\273\205\074\332\222\123\302\115\276\161\134\110\053\321\375\043\147
\015\023\165\373\317\145\147\042\235\256\260\011\321\011\377\035
\064\277\376\043\227\067\322\071\372\075\015\006\013\264\333\073
\243\253\157\134\035\266\176\350\263\202\064\355\006\134\044
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\264\303\362\160\117\237\062\023\343\260\247\127\345\332\332\103
\313\204\064\362\050\304\352\155\364\052\357\301\153\166\332\373
\176\273\205\074\332\222\123\302\115\276\161\134\110\053\321\375\043\147
\015\023\165\373\317\145\147\042\235\256\260\011\321\011\377\035
\064\277\376\043\227\067\322\071\372\075\015\006\013\264\333\073
\243\253\157\134\035\266\176\350\263\202\064\355\006\134\044
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

END
\002\010\152\150\076\234\121\233\313\123
END

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

# Certificate "T-TeleSec GlobalRoot Class 2"
#
# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
#              GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
#              GmbH,C=DE
# Not Valid 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\160\151\143\145\163\040\107\155\142\110\061\103\070\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\160\151\143\145\163\040\107\155\142\110\061\103\070\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END
CKA_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
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
# 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"

END

Certificate "Atos TrustedRoot 2011"

Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
Serial Number: 5c:33:cb:62:2c:5fb3:32
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

Certificate Object

Issuer: C=DE, O=Atos, CN=Atos TrustedRoot 2011
Serial Number: 5c:33:cb:62:2c:5fb3:32
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
# Trust for “Atos TrustedRoot 2011”

# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Serial Number:5c:33:cb:62:2c:5f:b3:32
# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Not Valid Before: Thu Jul 07 14:58:30 2011
# Not Valid After : Tue Dec 31 23:59:59 2030

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Atos TrustedRoot 2011"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\053\261\365\076\125\014\035\305\124\101\164\157\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060\061\061\015\060\013\006\003\125\004\012\014\004\010\164\157\163\061\013\060\011\006\003\125\004\006\023\002\010\105
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\256\271\304\062\113\254\177\135\146\314\167\224\273\052\167\126 END

CKA_ISSUER MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060\061\061\015\060\013\006\003\125\004\012\014\004\010\164\157\163\061\013\060\011\006\003\125\004\006\023\002\010\105
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\134\063\131\142\054\137\263\062 END

#
# 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):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\000\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\003\040\000\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063

END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\001\11\006\003\125\004\006\023\002\102\115\061
\031\060\027\000\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\003\040\000\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\170\130\137\056\255\054\031\133\343\067\007\065\064\023
\050\265\226\324\145\223

END

CKA_VALUE MULTILINE_OCTAL
\060\020\002\140\060\020\002\11\024\000\003\002\000\011\002\002\024\170
\130\137\056\255\054\031\113\343\067\007\065\064\023\050\265\226
\324\145\223\060\015\006\011\052\206\110\206\367\015\000\001\013
\005\000\006\011\096\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\27\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\151\163\040\114\151\155\151\164\145\144\061\036\060\003\040
\006\000\013\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\100\040\061\040\107\063\060\036\027\015
\061\062\060\061\061\062\061\067\062\067\064\064\132\027\015\064
\062\060\061\061\062\061\067\062\067\064\064\132\060\010\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
# 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):

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 1 G3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\033\216\352\127\226\051\032\311\071\352\270\012\201\032\163\163
\300\223\171\147
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\244\274\133\077\376\067\232\372\144\360\034\372\005\075\013\253
END
CKA_ISSUER_MULTILINE_OCTAL
\060\100\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "QuoVadis Root CA 2 G3"
#
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# 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):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT_MULTILINE_OCTAL
\060\100\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER_MULTILINE_OCTAL
\060\100\061\013\060\011\006\003\125\004\006\023\002\102\115\061
# 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):
CKA_CLASS CK_OBJECT_CLASS 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
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\257\014\206\156\277\022\120\272\022\075\006

# 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):
# 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 "QuoVadis Root CA 3 G3"

CKA_SUBJECT

CKA_ID UTF8 "0"

CKA_ISSUER

CKA_SERIAL_NUMBER

CKA_VALUE

CKA_VALUE_MULTILINE_OCTAL

CKA_VALUE_MULTILINE_OCTAL

CKA_VALUE_MULTILINE_OCTAL

CKA_VALUE_MULTILINE_OCTAL
Open Source Used In Telstar 7.6.2 

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OPEN SOURCE USED IN TELSTAR 7.6.2

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\250\304\071\006\347\060\155\047\226\346\244
\317\042\056\175
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\337\175\271\255\124\157\150\241\337\211\127\003\227\103\260\327
END

CKA_ISSUER MULTILINE_OCTAL
\060\101\006\101\013\060\001\11\006\003\13\25\004\006\023\002\125\102\115\061\03\106\002\07\006\003\13\25\004\012\023\020\121\165\157\126\141\144\151\163\145\144\061\03\60\023\020\125\165\157\126\141\144\151\163\04\040\122\157\157\164\040\103\101\040\063\040\070\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\204\056\365\233\002\050\247\333\172\377\325\243\251\356\275\003\240\317\022\152\035

# 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):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\13\25\004\006\023\002\125\123\061\025\060\023\006\003\13\25\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156\143\061\03\106\027\006\003\13\25\004\013\023\020\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061\040\040\042\060\003\125\004\033\023\033\104\151\147\151\103\145\162\164\040\10\116\163\165\162\145\144\040\11\104\040\122\157\157\164\040\107\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\13\25\004\006\023\002\125\123\061\025\060\023\006\003\13\25\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156\143\061\03\106\027\006\003\125\004\013\023
Open Source Used In Telstar 7.6.2 360

# 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_CERT_SHA1_HASH MULTILINE_OCTAL
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
END
CKA_ISSUER MULTILINE_OCTAL
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
002020001322303407232607111471352147/043/277303257232
364113
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "DigiCert Assured ID Root G3"
#
# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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_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
00601450610130600011000600031250004006023002125123061
025060023006000312500040120230140145114715111031145
162164040111115614306113016002700600031250004013023
02016711671167056144151147115114311451621640561431157
1550610404002006000312500040030230331041151147151
103114516216404010111631631651621451440401111104040
12211571571164040107063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
00601450610130600011000600031250004006023002125123061
025060023006000312500040120230140145114715111031145
162164040111115614306113016002700600031250004013023
02016711671167056144151147115114311451621640561431157
# 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

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\365\027\242\117\232\110\306\311\370\242\000\046\237\334\017\110
\054\253\060\211
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\174\177\145\061\014\201\337\215\272\076\231\342\134\255\156\373
END

CKA_ISSUER MULTILINE_OCTAL
\025\060\023\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\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354
END

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

# Certificate "DigiCert Global Root G2"

# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\001\006\000\003\125\004\006\023\002\125\123\061
\025\060\023\006\000\003\125\004\012\023\014\014\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\000\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\000\031\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\001\006\000\003\125\004\006\023\002\125\123\061
\025\060\023\006\000\003\125\004\012\023\014\014\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\000\003\125\004\013\023
\020\167\167\167\056\144\145\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\000\031\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\125\124\273\050\144\261\035\011\372\345
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\216\060\146\240\030\003\002\01\002\002\200\003
\072\361\346\247\021\125\124\273\050\144\261\035\011\372\345
\015\006\001\052\206\110\206\367\015\001\001\013\005\000\060\141
\061\103\060\101\006\003\125\004\006\023\022\125\123\061\025\060
\023\006\003\125\004\012\023\014\101\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\000\031\125\004\013\023\020\167
\167\167\056\144\145\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\062\060\036\027\015\061\063\070\060\061\016\062\060\060\060
\060\132\027\15\063\070\060\061\016\065\061\062\060\060\060
\132\060\141\061\013\060\011\006\003\125\004\006\023\022\125\123
\061\125\060\023\006\003\125\004\012\023\014\104\151\147\151\103
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_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
# 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 Global Root G2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\337\074\044\371\277\326\146\166\033\046\200\163\376\006\321\314
\215\117\202\244
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\344\246\212\310\124\254\122\102\106\012\375\162\110\033\052\104
END

CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\003\072\361\346\247\021\251\240\027\050\144\261\035\011
\372\345
END

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

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

# 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 Global Root G3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\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\164\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\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\164\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\125\126\274\136\244\065\065\303\244\017\325\253\105\162

END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\077\060\202\001\130\240\003\002\001\002\002\020\005
\125\126\274\136\244\065\065\303\244\017\325\253\105\162\060
\012\006\010\005\202\061\110\316\075\004\003\003\060\141\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003
\125\004\012\023\014\104\151\147\151\103\145
\143\061\031\060\027\006\003\125\004\013\023\029\167\167\167\065
\144\151\147\151\143\145\162\164\056\143\131\157\155\061\140\060\063
\006\003\125\004\003\023\027\104\151\147\151\103\145\162\164\040
\107\154\157\142\141\154\040\122\157\157\164
\027\156\063\060\070\060\061\061\062\060\060\060\060\060\060\132\027
\015\063\070\060\061\061\062\060\060\060\060\132\027
\061\103\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\0167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\033\125\004\003\125\027\104\151\147\151\110\033\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107
\063\060\166\060\020\066\007\052\206\110\103\166\075\002\001\100\106
\053\021\104\009\004\42\003\142\000\004\335\247\331\273\212\270\013
\373\13\177\041\132\236\027\276\276\163\363\063\135\032\274\064\235
\336\030\233\274\320\225\366\360\314\320\013\272\141\133\121\106
\176\236\055\237\335\262\161\143\014\027\354\007\160\365\317\204\056
\100\020\323\243\350\077\101\155\073\255\323\244\024\131\066\170\235
\003\103\356\020\023\154\162\336\256\210\247\241\153\265\103\316
\147\334\043\377\003\034\243\342\320\076\243\312\020\060\100\060\170\006
\003\125\035\230\010\011\377\004\005\060\003\001\100\101\377\060\016
\006\003\125\035\017\000\100\101\377\004\004\003\002\001\120\060\060\035
\006\003\125\035\160\004\026\000\042\24\263\333\110\244\371\241\305
\330\256\066\101\134\021\143\151\142\051\127\41\113\036\060\012\006
\010\052\206\110\316\075\004\003\003\030\315\000\060\145\002\061
\000\025\274\362\154\077\022\112\321\055\071\303\012\011\227\163
\364\210\066\214\210\047\273\374\262\102\125\012\205\247\143\371\236
\062\336\146\223\017\361\134\261\011\121\73\335\154\253\327\153\177
\240\002\060\071\114\163\330\044\215\270\236\120\334\250\035\111
\242\235\353\070\334\321\111\177\027\001\270\310\206\217\116\214\210
\053\250\232\251\123\055\321\000\275\370\124\342\232\345\133\174
\263\247\027
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 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):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\176\004\336\211\152\076\146\155\000\346\207\323\077\372\331\073
\350\075\064\236
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\365\132\44\120\245\373\050\176\036\017\015\314\226\127\126\312
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\001\100\06\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\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUSTCKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "DigiCert Trusted Root G4"
#
# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Trusted Root G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\001\100\06\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\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\164\040\107\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\001\100\06\003\125\004\006\023\002\125\123\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 "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):
CKA_CLASS CK_OBJECT_CLASS 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\125\004\003\023\030\104\151\147\151\103\145\162\164\040\122\157\164\040\107\064
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\130\069\111\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\069\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
END
CKA_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
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

Fingerprint (SHA-256):

Fingerprint (SHA1):

END

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

Fingerprint (SHA-256):

Fingerprint (SHA1):

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 "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 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\060\060\377\107\237\342\370\227\273
\315\172\214\264
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\061\260\161\100\066\314\024\066\221\255\034\076\375\354\030
END
CKA_ISSUE MULTILINE_OCTAL
\060\201\205\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\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\012\023\021\103\117\115\117\104\117
\040\013\10\040\14\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003
\206\235
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "USERTrust RSA Certification Authority"

# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# 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\201\210\061\013\060\006\003\125\004\006\023\002\125\023\061\060\021\061\020\060\021\066\011\006\003\125\004\006\023\002\125\023\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\161\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\033\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\006\003\125\004\006\023\002\125\023\061\060\021\061\020\060\021\066\011\006\003\125\004\006\023\002\125\023\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\161\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\033\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\001\375\155\060\037\44\243\312\121\125\033\274\144\016\065\003\055\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 "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
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\210\061\006\000\024\060\006\023\002\125\123
\061\023\060\021\006\000\031\125\004\006\023\002\125\123
\145\162\163\145\171\061\024\060\022\006\000\031\125\004\007\023\013
\112\145\162\163\145\171\040\010\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ISSUERMULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\000\031\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\000\031\125\004\007\023\013
\112\145\162\163\145\171\040\010\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIALMULTILINE_OCTAL
\002\200\001\375\155\060\374\243\312\121\250\033\274\144\016\065
\003\055
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# # Certificate "USERTrust ECC Certification Authority" #
# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After: Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\012\060\017\060\011\060\003\125\004\006\023\002\125\123
\061\023\060\021\060\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\020\121\060\013\060\011\060\003\125\004\006\023\002\125\123
\061\023\060\021\060\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200 \314\046
END

CKA_VALUE MULTILINE_OCTAL
\060\020\121\060\013\060\011\060\003\125\004\006\023\002\125\123
\061\023\060\021\060\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_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 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
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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
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\321\313\312\135\262\325\052\177\151\073\147\115\345\360\132\035
\014\225\175\360
END
CKA_CERT_MD5_HASHMULTILINE_OCTAL
\372\150\274\331\262\325\052\177\151\073\147\115\345\360\132\035
\014\225\175\360
END
CKA_ISSUER MULTILINE_OCTAL
\060\101\201\061\013\060\060\011\060\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\016\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200
\314\046
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "GlobalSign ECC Root CA - 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):
# 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
# 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 ECC Root CA - R4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\151\151\126\056\100\200\364\044\241\347\031\237\024\272\363\356
\130\253\152\273
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\040\360\047\150\321\176\240\0235\016\346\052\312\337\134\211\216
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\023\012\071\154\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\052\070\244\034\226\012\004\336\102\262\050\245\013\350
\367\145\102\377\036\010\000\262\156\163\016\377\307\041\345\030
\244\252\333\116\107\250\324\271\316\214\035\243\102\060\100\060
\016\006\003\125\035\017\010\013\377\004\004\003\002\001\016\006\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\124\260\173\255\105
\270\342\100\177\373\012\156\373\276\063\331\110\74\243\204\325\060
\012\006\010\052\206\110\316\075\004\003\002\003\110\000\060\105
\002\041\000\334\222\241\240\023\246\173\003\260\346\304\041\227
\220\372\024\127\055\003\335\356\074\323\151\125\015\166\274
\242\336\273\002\040\047\250\205\047\065\233\126\306\243\362\107
\322\267\156\033\002\000\027\252\147\246\025\221\336\372\224\354
\173\013\370\237\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

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

# Certificate "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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\064\230\002
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\064\230\002
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\210\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154
CKA_VALUE MULTILINE_OCTAL
\064\230\002\036\064\230\001\244\240\003\002\001\002\002\021\140
\131\111\340\046\056\273\125\371\012\167\212\161\371\112\330\154
"60001200606010052206611013160750040003003060120061044
6000240060003125004011302303330117514517421411541123
1511471560401053013040122131517164040103101040
0550400122065061023600021006003125004012023012107
154115714214115412311517156061023060021006003125
00400302301210175145174214115412311517156060036
02701506101620611610616306060600600600600132027
015063070606061067106060630610640600671312060120
06104406040260003125004013023033011751451742141
15411231151147156040105301303040122115715164040103
1010400550401220650610236002201006003125004012023
012107011541571421411541231151147156061023060021006
003112500400302301210751541571421411541231151147156
060116606060200006070522506110316075002001006005053
2010040000420003142000004107110501622263731751135277
3511071321041137023701312660325171303662220721101131034
360142061055300172020503760322471342632660142273347
105324130373231116711551032423002011456640120373172
33553530744063241305235115244415710112250701173111036
20435333212361111222027222407014072051121462372335
13112231152271410062061122431020601001600161006003
1250350170011001137700400403000200100600600117006003
125035023001001137700400506000300101137700600350606
00312503501600402300042040753460511102333520073122
041104112046033611563363322033202371131060012060010
052206610136107500400300301510000060145002061000
34551510223111563333066011272011110134112273703373375
23232421750231113551741443233130050452131263331240
1347136113511601312032341333160511240011046041152142
00206011613222652171343520733411701121052501565222
07331013437511035701511640422500103421563051111316
1307014274247141115136113670373410523131371053363146
1220067
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
# Certificate "Staat der Nederlanden Root CA - G3"

# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Serial Number: 10030001 (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
# CKA_CLASS CK_OBJECT_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
# 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
\340\026\176\023\033\152\327\076\327\236\374\055\165\262\301\024
\325\043\300\033\331\133\157\013\076\170\057\015\336\063\215\026\267
\110\347\203\232\010\171\173\301\103\115\125\250\040\270\070\112\121
\325\131\242\111\164\323\237\276\036\113\327\306\155\267\210\044
\157\140\221\244\202\205\133\126\101\274\320\104\253\151\202\232\276
\321\054\130\267\022\130\026\206\143\334\023\236\224\035\077
\100\121\365\117\365\072\355\310\305\353\310\306\035\026\225\172
\307\176\102\161\223\156\111\025\267\060\337\252\355\127\205\110
\254\035\152\335\071\151\344\341\171\170\276\316\005\277\241\014
\367\200\173\041\147\047\060\131
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Staat der Nederlanden Root CA - G3"
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Serial Number: 10003001 (0x98a239)
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Not Valid Before: Thu Nov 14 11:28:42 2013
# Not Valid After : Mon Nov 13 23:00:00 2028
# Fingerprint (SHA-256):
# 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 "Staat der Nederlanden Root CA - G3"
CKA_ISSUER SHA1_HASH MULTILINE_OCTAL
\330\353\153\101\121\122\131\134\036\363\347\205\000\300\075\266\210
\227\311\356\374
END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\301\106\147\007\333\020\057\031\214\065\120\140\321\013\364\067
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\013\106\147\007\333\020\057\031\214\065\120\140\321\013\364\067
END

CKA_ISSUER_MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\002\023\002\116\114\061
\036\060\034\000\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
\053\060\051\006\003\125\004\000\031\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_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

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CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

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\060\015\006\011\052\206\110\206\367\015\001\001\010\013\005\000\003
\202\002\001\000\317\167\054\156\126\276\116\263\266\204\000\224
\253\107\311\015\322\216\63\070\062\237\035\007\323\266\264\273\010
\170\025\151\322\010\13\11\336\063\305\254\255\030\221\000\217\5\006
\267\065\002\301\140\311\277\303\043\350\224\336\324\323\251\023\045
\132\376\156\242\256\175\050\334\175\363\154\360\176\246\215\356
\331\327\316\13\002\27\350\251\051\256\163\11\020\73\47\233\312\156
\051\124\114\137\030\123\367\256\006\020\207\121\306\323\115\125
\045\117\223\231\020\001\123\165\361\023\316\303\27\46\10\10\132
\277\210\245\177\105\374\254\270\245\265\063\014\202\304\373\007
\366\152\345\045\204\137\006\312\301\206\071\021\333\310\330\151\167
\073\054\302\114\017\136\232\343\336\253\076\14\031\322\044\302
\300\364\361\031\360\021\051\266\245\030\002\233\327\143\114\160
\214\107\243\003\103\134\271\135\106\240\015\157\377\131\126\276
\335\237\162\033\130\053\337\214\133\316\345\014\106\154\222\262
\012\243\114\124\020\030\252\022\030\275\332\374\272\164\156\377
\301\266\240\144\330\251\137\125\256\237\341\152\166\226\330\163
\147\207\373\117\157\134\356\151\121\63\020\373\12\251\375\236
\275\066\070\111\11\207\364\016\024\360\351\207\270\077\247\117
\172\132\216\171\324\223\344\273\150\122\204\254\154\351\363\230
\160\152\162\062\237\106\045\230\053\111\265\315\040\142\344\072\172
\147\143\253\226\334\155\256\227\354\374\237\166\126\210\056\146
\317\133\266\131\044\260\327\005\272\341\047\057\223\273\046\052
\242\223\266\033\366\216\276\035\100\234\271\066\217\076\202\032
\032\261\103\352\021\030\01\134\220\031\060\051\133\343\041\343\341
\225\266\151\220\232\024\157\227\256\201\131\150\357\231\232\276
\265\347\344\177\370\372\023\107\026\114\314\155\010\100\347\213
\170\157\120\202\014\120\077\146\006\212\253\103\204\126\112\017
\040\055\206\016\365\132\322\172\212\11\331\152\245\350\116\361
\136\046\045\011\131\043\240\176\322\366\176\041\127\327\047\274
\025\127\114\244\106\301\340\020\363\014\114\115\037\117\006\031
\342\371\250\364\072\202\241\262\171\103\171\326\255\157\172\047
\220\003\244\352\044\207\077\331\275\331\351\362\137\120\111\034
\356\354\327\056

END

CKA_NSS_Mozilla_CA_Policy CK_BBOOL CK_TRUE
CKA_NSS_Server_Distrust_After CK_BBOOL CK_FALSE
CKA_NSS_Email_Distrust_After CK_BBOOL CK_FALSE

# Trust for "Staat der Nederlanden EV Root CA"
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
```
# 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):
CA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CA_TOKEN CK_BBOOL CK_TRUE
CA_PRIVATE CK_BBOOL CK_FALSE
CA_MODIFIABLE CK_BBOOL CK_FALSE
CA_LABEL UTF8 "IdenTrust Commercial Root CA 1"
CA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\001\110\060\003\1\125\004\006\023\002\116\114\061
\036\060\034\006\003\1\125\004\006\023\002\116\114\061
\024\060\020\006\003\1\125\004\006\023\002\116\114\061
\016\060\034\006\003\1\125\004\006\023\002\116\114\061
\008\060\034\006\003\1\125\004\006\023\002\116\114\061
\000\060\034\006\003\1\125\004\006\023\002\116\114\061

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# 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:h5:00:00:02
# 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
CKA_CLASS CK_OBJECT_CLASS 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_ISSUER MULTILINE_OCTAL
\337\161\176\163\164\061\047\060\045\060\003\125\004\023\023\111\144\145\156\124\162
\165\163\164\061\047\060\045\060\003\125\004\023\023\111\144\145\156\124\162
\165\163\164\061\047\060\045\060\003\125\004\023\023\111\144\145\156\124\162
\165\163\164\061\047\060\045\060\003\125\004\023\023\111\144\145\156\124\162
\145\156\124\162\165\163\164\040\031\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\031\101\040\061
END
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\337\161\176\176\252\112\331\116\131\125\204\231\140\055\110\133\61\137
\274\360\072\045
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\263\206\167\163\165\135\162\164\163\176\111\143\111\131\127\330\07
END
CKA_CERT_ISSUER MULTILINE_OCTAL
\060\112\066\101\136\060\111\066\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\060\003\125\004\023\023\111\144\145\156\124\162
\165\163\164\061\047\060\045\060\003\125\004\023\023\111\144
\145\156\124\162\165\163\164\040\031\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\031\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\010\2\000\000\000\000\001\050\043\310\042\65\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
# 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

CKA_CLASS CK_OBJECT_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"

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END

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OPEN SOURCE USED IN TELSTAR 7.6.2

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 "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):
# 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
# Certificate "Entrust Root Certification Authority - G2"

# Issuer: CN=Entrust Root Certification Authority - G2,O=="(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,O=="(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-512): CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
# Fingerprint (SHA-512): CKA_TOKEN CK_BBOOL CK_TRUE
# Fingerprint (SHA-512): CKA_PRIVATE CK_BBOOL CK_FALSE
# Fingerprint (SHA-512): CKA_MODIFIABLE CK_BBOOL CK_FALSE
# Fingerprint (SHA-512): CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
# Fingerprint (SHA-512): CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Fingerprint (SHA-512): CKA_SUBJECT_MULTILINE_OCTAL

# Fingerprint (SHA-512): CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Fingerprint (SHA-512): CKA_SUBJECT_MULTILINE_OCTAL

# Fingerprint (SHA-512): CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Fingerprint (SHA-512): CKA_SUBJECT_MULTILINE_OCTAL

# Fingerprint (SHA-512): CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Fingerprint (SHA-512): CKA_SUBJECT_MULTILINE_OCTAL

# Fingerprint (SHA-512): CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Fingerprint (SHA-512): CKA_SUBJECT_MULTILINE_OCTAL

# Fingerprint (SHA-512): CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Fingerprint (SHA-512): CKA_SUBJECT_MULTILINE_OCTAL

# Fingerprint (SHA-512): CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Fingerprint (SHA-512): CKA_SUBJECT_MULTILINE_OCTAL

# Fingerprint (SHA-512): CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Fingerprint (SHA-512): CKA_SUBJECT_MULTILINE_OCTAL

# Fingerprint (SHA-512): CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Fingerprint (SHA-512): CKA_SUBJECT_MULTILINE_OCTAL
\163\164\056\156\143\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\015\156\164\162\165\163\164\054\011
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\156\143\150\157\162\164\171\016\062\060
\060\006\003\023\060\040\030\023\051\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\164\150\157\162\164\171\016\062\060
\060\006\003\023\060\040\030\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\031\145\162\164\151\146\151\113\141\164\151
\157\156\040\011\165\164\150\157\162\151\164\171\040\055\040\107
\062
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165\163\164\054
\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\164\150\157\162\164\171\016\062\060
\060\006\003\023\060\040\030\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\031\145\162\164\151\146\151\113\141\164\151
\157\156\040\011\165\164\150\157\162\151\164\171\040\055\040\107
\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\112\123\214\050

END

CKA_VALUE MULTILINE_OCTAL
\060\202\004\076\060\202\003\046\240\003\002\001\002\002\004\112
\123\214\050\150\060\015\006\011\052\206\10\206\367\015\001\001\013
\005\000\060\021\276\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164
\162\165\163\164\054\040\011\111\156\143\056\061\050\006\040\006\003
\125\004\013\023\037\123\145\145\040\167\167\167\061\145\164\162\165\163\164\040
\122\157\157\164\040\031\145\162\164\151\146\151\113\141\164\151
\157\156\040\011\165\164\150\157\162\151\164\171\040\055\040\107
\062
END
# 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_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 "Entrust Root Certification Authority - G2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\214\364\047\375\171\014\072\321\146\006\215\350\036\127\357\273

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

CKA_ISSUER MULTILINE_OCTAL
\060\020\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\156\145\162
\155\163\061\071\106\067\006\003\125\004\013\023\060\050\143\051
\040\006\206\060\060\071\040\010\156\164\162\165\163\164\054\040\011
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\110\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\017
\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\112\123\214\050
Open Source Used in Telstar 7.6.2

## Certificate "Entrust Root Certification Authority - EC1"

### Issuer: CN=Entrust Root Certification Authority - EC1, OU="(c) 2012 Entrust, Inc. - for authorized use only", O=See www.entrust.net/legal-terms, 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", O=See www.entrust.net/legal-terms, C=US

Not Valid Before: Tue Dec 18 15:25:36 2012

Not Valid After: Fri Dec 18 15:55:36 2037


### Certificate Type

- **CKA_CLASS**: CK_OBJECT_CLASS (CKO_CERTIFICATE)
- **CKA_TOKEN**: CK_BBOOL (CK_TRUE)
- **CKA_PRIVATE**: CK_BBOOL (CK_FALSE)
- **CKA_MODIFIABLE**: CK_BBOOL (CK_FALSE)

### Certificate Subject

```
\060\201\277\061\013\060\001\11\006\000\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\015\015\016\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\167\156\145\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\106\067\000\003\125\004\040\113\023\060\050\143\051
\040\062\060\061\062\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\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\040\105
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
```

### Certificate Fingerprint

```
\060\201\277\061\013\060\001\11\006\000\003\125\004\006\023\002\125\123
```

### Certificate Authority

```
\060\201\277\061\013\060\001\11\006\000\003\125\004\006\023\002\125\123
```

### Certificate Label

```
UTF8 "Entrust Root Certification Authority - EC1"
```

### Certificate Type

- **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 "Entrust Root Certification Authority - EC1"

### Certificate Subject

```
\060\201\277\061\013\060\001\11\006\000\003\125\004\006\023\002\125\123
```

### Certificate Authority

```
\060\201\277\061\013\060\001\11\006\000\003\125\004\006\023\002\125\123
```

### Certificate Label

```
UTF8 "Entrust Root Certification Authority - EC1"
```

### Certificate Type

- **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 "Entrust Root Certification Authority - EC1"

### Certificate Subject

```
\060\201\277\061\013\060\001\11\006\000\003\125\004\006\023\002\125\123
```

### Certificate Authority

```
\060\201\277\061\013\060\001\11\006\000\003\125\004\006\023\002\125\123
```

### Certificate Label

```
UTF8 "Entrust Root Certification Authority - EC1"
```
# Trust for "Entrust Root Certification Authority - EC1"

# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9

# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Tue Dec 18 15:25:36 2012

# Not Valid After : Fri Dec 18 15:55:36 2037

# Fingerprint (SHA-256):


cka_class ck_object_class

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

cka_cert_md5_hash MULTILINE_OCTAL

cka_issuer_multiline_octal

cka_issuer_multiline_octal

cka_issuer_multiline_octal

cka_issuer_multiline_octal
Open Source Used In Telstar 7.6.2

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```
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\149\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\151\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "CFCA EV ROOT"
#
# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Serial Number: 407555286 (0x184accd6)
# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Not Valid Before: Wed Aug 08 03:07:01 2012
# Not Valid After : Mon Dec 31 03:07:01 2029
# Fingerprint (SHA-256):
# 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 "CFCA EV ROOT"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\031\106\103\101
\040\105\126\040\122\117\117\124
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\031\106\103\101
\040\105\126\040\122\117\117\124
```
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 "CFCA EV ROOT"
# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Serial Number: 407555286 (0x184accd6)
# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Not Valid Before: Wed Aug 08 03:07:01 2012
# Not Valid After: Mon Dec 31 03:07:01 2029
# Fingerprint (SHA-256):
# 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 "CFCA EV ROOT"

END

CKA_ISSUER MULTILINE_OCTAL
\002\004\030\112\314\326
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\030\112\314\326

END

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

#
# Certificate "OISTE WISEKey Global Root GB CA"
#
# Issuer: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
# 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_LABEL UTF8 "OISTE WISeKey Global Root GB CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\110\060\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\010\051\156\144
\157\162\163\145\144\061\050\060\046\060\003\125\004\003\023\037
\171\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\071\102\040\013\101
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\110\060\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\010\051\156\144
\157\162\163\145\144\061\050\060\046\060\003\125\004\003\023\037
\171\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\071\102\040\013\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
\302\300
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\265\060\202\002\123\240\003\002\001\002\002\120\166
\261\040\122\164\360\205\207\106\263\370\043\032\366\302\300
\015\006\015\020\061\110\063\367\155\001\011\013\005\000\060\155
\061\103\060\011\060\060\031\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\060\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\104\107\154
\141\154\040\122\157\157\164\040\107\102\040\103\101\060\036\027
\015\061\064\061\062\060\061\061\065\060\060\063\062\132\072\015
\063\071\061\062\060\061\061\065\061\060\063\061\132\060\155\061
\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016
\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061\042
# 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
# 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 "OISTE WISeKey Global Root GB CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\371\100\166\030\323\327\152\113\230\360\250\065\236\014\375
\047\254\314\355
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\244\353\271\141\050\056\267\057\230\260\065\046\220\231\121\035
END

CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\001\100\065\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\230\071\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\050\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
\171\112\123\124\050\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END

CKA_SERIAL_NUM MULTILINE_OCTAL
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366
\302\300
END

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

# Certificate "SZAFIR ROOT CA2"
#
# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SZAFIR ROOT CA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\131\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\010\056\061\030\060\26\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\131\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\010\056\061\030\060\26\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344
END
CKA_VALUE MULTILINE_OCTAL
\060\020\031\162\060\020\002\132\240\003\002\001\002\002\024\076
\121\135\007\354\125\322\062\325\267\343\266\137\001\353\055\334
\344\326\344\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\121\061\130\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\010\056\061\030\060\26\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
# Not Valid Before: Mon Oct 19 07:43:30 2015
# Not Valid After : Fri Oct 19 07:43:30 2035
# Fingerprint (SHA-256):

Open Source Used In Telstar 7.6.2 416
\122\117\117\124\040\103\101\062\060\202\001\042\020\060\150\060\111
\052\206\110\206\367\015\000\010\015\005\000\003\202\020\010\170\000
\060\020\001\102\002\202\001\000\026\74\076\120\250\113\315
\100\265\316\141\347\226\312\264\241\332\014\042\260\372\265\173
\166\000\167\214\013\317\175\250\206\314\046\121\344\040\075\205
\014\262\313\034\334\376\045\202\030\355\332\321\256\046\356\033\312
\334\364\220\326\023\112\014\220\074\030\364\332\322\216\015\222
\072\334\261\261\137\070\033\363\303\272\055\137\200\271\002\275\112
\235\003\017\264\303\023\011\147\003\335\334\033\234\075\263\260
\336\000\036\250\064\107\273\232\353\376\013\024\275\066\204\332
\015\040\277\372\133\331\251\026\040\255\071\140\356\057\165\266
\347\227\234\371\076\375\176\115\157\115\057\357\210\015\152\372
\335\361\075\156\040\245\240\022\264\115\160\271\136\327\162\073
\211\223\247\200\204\034\047\111\116\212\111\156\257\377\073\225\236\301
\314\310\001\135\345\50\016\212\012\226\347\263\246\207\345\326\371
\005\50\015\227\100\106\074\272\254\165\132\234\325\115\235\002
\012\322\113\233\46\113\106\007\027\145\255\237\154\210\000\334
\042\211\340\043\141\324\147\274\206\171\141\074\273\312\121\0315
\134\152\000\310\074\070\216\130\257\002\003\001\000\001\243\102
\060\100\006\001\070\006\033\125\035\023\001\001\377\004\005\060\003
\001\010\377\060\016\060\03\125\035\017\001\001\377\004\004\000
\002\000\016\060\035\000\063\031\250\035\016\004\026\004\024\056\026
\251\112\030\263\313\314\346\65\157\120\363\043\137\370\135\347\254
\360\030\600\015\060\011\052\206\102\206\367\015\001\001\013\005
\000\000\032\020\01\001\000\026\51\163\370\003\334\131\133\035\166\351
\243\052\173\220\050\262\115\030\063\117\252\232\261\324\270\344
\047\377\251\226\231\136\106\340\155\174\141\242\070\244\006\160
\360\364\101\021\354\077\107\215\077\162\220\073\117\373\244\157
\053\123\000\034\307\70\127\115\200\070\016\353\035\034\366\242\162
\220\031\202\075\021\202\213\322\273\237\052\257\041\346\143\206
\235\171\031\357\367\273\014\065\220\303\212\355\117\013\365\314
\022\331\244\076\273\234\037\040\225\137\117\046\057\021\043\203
\116\165\000\070\172\277\233\321\264\035\351\020\000\437\63\124\0217
\242\114\272\205\331\173\341\220\017\315\256\012\307\135\173\267\120
\322\324\141\372\325\025\333\327\237\207\121\124\353\245\343\353
\311\205\240\045\040\067\373\216\160\014\064\204\341\074\210\262
\167\116\103\245\210\137\206\147\241\075\346\264\134\141\266\076
\333\376\267\050\305\242\007\256\265\312\312\215\052\022\235\727
\355\032\060\024\311\052\172\373\363\115\043\033\231\163\064\240
\056\365\251\130\377\234\135\341\137\204\237\342\031\302\137\212
\326\040\036\343\163\267
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# 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\136\263\077\336
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\144\301\211\260\044\261\214\261\007\176\211\236\121\236\231
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\060\023\002\120\114\061
\050\060\046\060\033\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Certum Trusted Network CA 2"
# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
# 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_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\200\061\013\060\001\11\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\0103
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\200\061\013\060\001\11\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\0103
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\326\320\112\117\045\017\311\062\067\374\252\136\022
\215\351

END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\322\220\60\202\203\272\240\003\002\001\002\002\020\041
\326\320\112\117\045\017\311\062\067\374\252\136\022\215\351\060
\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060\201
\200\061\101\060\011\006\003\125\004\006\023\002\120\114\061\042
\006\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\156\155\040\103\145\162\164\151\146\151\143\141\164
\156\040\101\165\164\150\157\162\151\164\171\061\044\060
\003\125\004\003\023\033\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\040
\062\060\042\030\017\062\060\061\061\060\060\060\060\070\063
\071\065\066\132\030\017\062\060\064\066\061\060\060\066\060\070
\000\003\202\002\000\001\000\016\1245\016\316\344\351\277\077\070\325
\211\132\304\002\141\373\114\305\024\020\275\055\213\117\123\153\020
\027\374\145\204\307\020\011\220\363\333\307\046\223\210\046\61\157
\160\326\002\136\067\124\036\72\17\253\226\265\245\023\134\201\024
\155\016\201\202\02\21\033\212\116\306\117\245\335\142\036\104\337
\011\131\364\131\167\013\067\351\123\040\306\370\012\116\056\130
\034\353\063\320\317\206\140\311\332\132\373\200\057\236\114\145\204
\170\075\041\144\326\373\101\037\039\001\174\371\116\161\127\257\257
\134\346\064\207\076\101\126\016\366\271\132\077\111\023\226\024
\057\336\232\035\132\271\126\131\065\072\260\137\160\115\136\343
\051\136\104\050\162\131\266\253\302\214\41\46\046\334\167\054\046
\166\065\21\130\050\246\15\112\043\371\073\365\043\335\205\020\164\331
\122\000\126\221\134\275\272\107\324\022\227\021\042\334\242\111
\224\154\347\267\224\113\272\055\244\332\063\213\114\246\104\377
\132\074\306\060\035\144\330\265\061\134\44\246\074\172\250\127\013\333
\355\141\032\313\366\131\163\161\174\143\244\207\157\114\121\070\326
\344\137\307\127\236\126\021\010\052\344\205\011\071\130\136\073\037\333
\002\202\147\010\071\133\030\164\113\075\066\036\371\051\122\321\10
\150\133\250\104\031\041\136\040\247\350\201\015\054\350\223\066\264
\067\262\312\60\033\046\017\232\204\053\237\322\232\020\236\113\052
\077\373\243\232\376\163\062\161\302\236\306\162\234\121\150\047
\361\144\017\264\304\114\245\141\122\370\227\020\007\052\060\045
\251\271\310\161\127\035\171\150\140\055\176\365\340\176\017\202\250
\157\266\272\154\203\103\167\315\122\222\207\241\126\133\170\026
\075\105\342\063\162\235\341\146\123\121\332\131\130\046\375\015
\150\000\106\256\266\331\123\212\276\031\176\261\036\362\031\343
\134\002\312\054\330\157\112\007\331\311\105\332\100\165\63\230
\247\031\115\72\36\102\020\230\165\340\225\131\140\274\355\030\022
\327\212\316\325\230\134\126\226\003\305\356\167\006\065\377\317
\344\356\077\023\141\135\363\333\332\055\205\360\315\256\235\262\030
\011\105\302\224\141\162\273\147\072\266\240\013\054\361\130\043
\103\150\010\152\137\073\360\166\143\373\314\000\054\246\306\342
\016\265\271\267\044\217
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 "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 (SHA-256):
# 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
# 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 Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:11:21 2015
Open Source Used In Telstar 7.6.2  426

# Not Valid After : Sat Jun 30 10:11:21 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 RootCA 2015"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\001\014\006\225\246\230\031\024\377\277\137\306\260\266\225\352
\051\351\022\246
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\377\342\333\003\331\313\113\351\017\255\204\375\173\030\316
END
CKA_ISSUER MULTILINE_OCTAL
\060\020\246\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\061\013\060\011\006\003\125\004\012\023\073\110\145\154\154
\145\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\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\154\153\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS.Must.Verify.TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Hellenic Academic and Research Institutions ECC RootCA 2015"
#
# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and 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_SUBJECT MULTILINE_OCTAL
\060\202\001\152\061\010\103\060\000\011\007\000\003\012\050\004\000\006\023\002\010\071\022
\061\017\060\015\005\006\000\03\012\050\004\007\023\006\010\116\144\150\145\156
\163\061\010\040\010\02\006\000\3\012\050\004\012\023\073\110\145\154\154
\145\156\151\143\040\011\141\144\145\155\151\143\040\101\143\141\144\145
\155\151\143\040\014\116\144\040\012\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\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\152\061\010\103\060\001\10\006\000\03\12\050\004\006\023\002\010\071\022
\061\017\060\015\005\006\000\03\12\050\004\007\023\006\010\116\144\150\145\156
\163\061\010\040\010\02\006\000\3\12\050\004\012\023\073\110\145\154\154
\145\156\151\143\040\011\141\144\145\155\151\143\040\101\143\141\144\145
\155\151\143\040\014\116\144\040\012\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\151\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\040\062\060\061\065
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000

END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\303\060\02\002\112\240\000\03\002\001\002\002\001\000
\060\012\006\010\052\206\110\136\075\000\003\002\060\021\252\061
\013\065\011\006\003\12\050\004\006\023\002\010\122\061\017\060\015
\060\003\12\050\004\007\023\006\010\116\144\151\156\163\061\010\040\060
\102\006\003\12\050\004\012\023\073\110\145\154\154\145\156\151\143
\040\111\163\164\141\144\145\155\151\143\040\141\145\144\145\122\145
\163\145\141\162\143\150\150\111\156\163\164\151\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\040\062\060\061\065
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000

END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\303\060\02\002\112\240\000\03\002\001\002\002\001\000
\060\012\006\010\052\206\110\136\075\000\003\002\060\021\252\061
\013\065\011\006\003\12\050\004\006\023\002\010\122\061\017\060\015
\060\003\12\050\004\007\023\006\010\116\144\151\156\163\061\010\040\060
\102\006\003\12\050\004\012\023\073\110\145\154\154\145\156\151\143
\040\111\163\164\141\144\145\155\151\143\040\141\145\144\145\122\145
\163\145\141\162\143\150\150\111\156\163\164\151\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\040\062\060\061\065
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 "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 Cert. Authority,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:37:12 2015
Open Source Used In Telstar 7.6.2  429

# 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
\237\361\161\215\222\325\232\363\175\164\227\264\274\157\204\150\013\272\266\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\201\345\264\027\353\302\365\341\113\015\101\173\111\222\376\357 END
CKA_ISSUER_MULTILINE_OCTAL
\060\021\252\061\013\060\011\006\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156\163\061\013\060\011\006\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145\151\104\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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\164\165\164\151\157\156\163\164\151\103\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
END

# 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):

Open Source Used In Telstar 7.6.2  429
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):

CKA_CLASS CK_OBJECT_CLASS 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"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\313\012\007\115\154\350\135\216\311\357\316\253\307\273\265\053
\116\105\326\112\320\046\314\345\162\312\010\152\245\225\330\205
\241\367\244\355\311\105\413\247\245\373\377\254\050\002\056\276\327
\173\273\343\161\117\220\026\263\232\007\136\106\123\174\106\70\007\102
\243\323\304\226\234\325\231\265\052\340\225\032\200\110\256\114
\071\007\131\164\107\244\122\225\053\272\270\373\255\322\063\123
\175\345\035\115\155\325\241\261\037\102\157\346\100\047\065\134
\243\050\267\007\215\347\215\063\220\347\043\237\373\120\234\171
\154\106\325\264\025\263\226\156\176\233\014\226\072\270\122\055
\077\326\133\341\373\010\302\204\376\044\250\243\211\332\254\152
\341\030\052\261\250\103\141\133\323\037\334\073\215\166\362\055
\350\215\165\337\027\063\154\075\123\373\173\313\101\137\377\334
\242\320\141\070\341\126\270\254\135\213\067\327\165\325\063\300
\231\021\256\235\101\301\162\165\204\276\002\101\102\137\147\044
\110\224\322\123\047\276\007\077\271\270\117\201\164\121\341\172
\267\355\235\043\342\276\340\325\050\004\023\074\061\100\323\63\335
\172\154\217\306\007\030\306\177\336\107\216\077\050\236\004\006
\317\245\124\064\167\275\354\211\233\351\027\103\337\133\333\137
\376\216\036\127\242\315\100\235\176\142\042\332\336\030\047

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_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):

CKA_CLASS CK_OBJECT_CLASS 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"

END

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\343\033\202\163\351\355\206\115\245\343\160\347\116
END

CKA_ISSUER_MULTILINE_OCTAL
\060\171\061\013\060\001\106\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
Open Source Used in Telstar 7.6.2 433

# 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

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

# Certificate Subject Multiline Octal

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CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

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CKA_SERIAL_NUMBER MULTILINE_OCTAL

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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

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

# Certificate Subject Multiline Octal

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CKA_ID UTF8 "0"

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_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# 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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\354\120\065\007\262\025\304\225\142\031\342\250\232\133\102\231\
\054\114\054\040
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\342\011\004\264\323\275\321\240\024\375\032\322\107\304\127\035
END
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061\
\021\060\017\006\003\125\004\012\014\010\010\116\115\124\055\122\
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040\
\122\101\111\132\040\106\116\115\124\055\122\103\115
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151\
\007
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# # Certificate "Amazon Root CA 1"
#
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# 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
END

# 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

# CK_CLASS 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 "Amazon Root CA 1"
# CK_CERT_SHA1_HASH MULTILINE_OCTAL
\106\050\270\103\372\267\035\252\237\044\016\055\113
\367\161\134\136\151\137\332\225\002\213\070\212\256\120\200\157
\333\373\055\142\033\305\307\036\124\341\167\340\147\310\101\234
\207\043\326\077\100\040\177\040\200\034\200\114\076\073\044\046
\216\004\256\154\232\310\252\015\002\030\000\000\012\43\102\060
\100\060\107\006\031\215\035\203\011\001\377\004\005\060\000\001
\001\137\006\016\006\003\125\035\023\011\001\377\004\004\003\002
\001\120\006\003\055\000\003\125\035\016\004\026\000\040\242\204\030\314
\205\064\345\274\014\224\224\056\101\13\234\307\262\020\16\012
\010\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\003\202\000\010\000\230\036\207\132\101\220\241\032\305\166\121
\05\004\060\043\016\256\346\050\027\235\252\370\224\256\110\244\060
\177\033\374\044\215\113\264\310\241\227\366\266\361\172\160\310
\123\223\314\010\050\343\230\045\317\043\244\371\136\041\323\174
\205\011\255\116\232\165\072\302\013\152\211\170\166\104\010\070\30
\145\154\215\101\216\073\177\232\313\136\364\265\247\120\327\005\054
\067\350\003\113\255\351\141\240\002\156\365\362\360\305\262\2355
\133\267\333\342\224\134\167\236\023\245\177\122\255\225\362\370
\122\073\333\213\134\133\312\132\122\133\140\257\024\367\113\357
\243\373\237\100\225\155\061\124\374\102\233\070\065\037\043\255
\331\171\110\160\232\331\165\170\161\321\162\103\064\165\156\127
\131\032\002\1\340\46\140\051\137\043\031\026\216\210\103\245\324
\344\133\010\373\043\021\103\350\103\051\162\142\241\251\135\136
\10\032\242\220\256\270\330\161\024\302\320\125\362\206\366\304\223
\10\161\164\141\300\271\350\101\132\227\227\170\140\003\158\112\162
\256\245\322\117\272\020\236\206\154\033\122\217\113\063\370\353
\304\220\276\361\271

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

Open Source Used In Telstar 7.6.2 438
"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\131\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
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157

Open Source Used In Telstar 7.6.2 439
\111\340\365\141\036\361\127\124\036\162\156\200\131\137\127\072
\371\165\062\243\116\137\354\355\050\142\333\115\163\362\334\201
\027\140\355\153\353\334\333\247\312\305\176\002\275\362\124\010
\124\375\264\055\011\054\027\124\112\230\302\124\341\121\147\010
\322\355\156\176\157\077\322\055\201\131\165\146\313\220\071\122
\021\136\164\047\376\335\353\327\000\200\000\100\100\100
\100\060\017\000\003\125\035\023\000\001\137\000\005\060\003\001
\001\137\000\060\000\003\012\035\017\001\001\377\004\000\003\002
\001\126\060\000\035\000\035\012\035\035\016\000\026\000\024\260\014\360
\114\060\364\005\130\002\110\375\063\134\122\257\113\204\331\146
\122\060\015\006\011\052\206\110\206\367\015\000\011\140\050\000
\003\020\021\004\000\002\025\250\020\021\170\161\170\243\340\242\324\315
\346\365\230\172\073\352\000\003\260\227\016\223\274\132\250\366
\054\214\162\207\251\216\137\177\163\375\143\166\110\245\207\131
\317\060\341\015\020\260\202\231\132\155\202\365\152\346\200\237\240
\005\013\150\344\107\153\070\152\337\266\375\167\062\162\345\303
\372\011\364\240\223\054\135\322\214\165\205\166\145\220\014\003
\171\276\061\043\143\134\255\170\203\011\206\150\204\132\377\371\137
\046\232\222\171\347\315\113\030\347\141\124\270\273\133\363\251\022
\223\223\133\247\350\057\123\222\304\140\130\260\314\002\121\103
\133\020\215\121\142\131\143\266\255\264\336\223\373\046\367\000\047
\300\135\125\067\164\243\131\112\010\177\343\131\130\056\104\343\054\045
\356\354\114\062\167\264\237\032\335\113\135\040\305\332\375\034
\207\026\306\103\335\032\042\273\046\232\105\160\136\251\101\136\712
\342\061\177\047\375\340\106\362\211\267\314\102\266\313\050\046
\156\331\245\331\107\323\101\023\140\367\120\214\025\256\262\155
\032\202\032\127\170\346\222\052\333\145\252\200\207\154\002\025
\257\020\020\147\220\266\060\004\327\035\242\200\143\251\233\361\134
\272\264\174\024\260\116\311\261\037\164\137\070\366\121\352\233
\372\054\242\201\324\251\055\047\032\052\261\257\262\116\161\105
\301\030\106\326\151\006\313\123\313\263\376\153\101\135\111\176
\175\114\017\174\162\171\172\131\135\166\120\162\254\323\251\230
\163\171\174\364\364\314\271\270\070\142\262\164\134\270\307\157
\210\241\220\247\364\252\371\277\147\072\364\032\025\142\036\062
\237\276\075\261\051\257\147\241\022\262\130\020\003\112\200\306
\033\270\032\121\366\234\275\277\032\162\243\011\136\035\213\041
\361\216\343\373\344\034\321\237\145\050\020\065\352\134\326\023\263
\204
\357\243\245\134\214\167\051\124\150\300\153\125\256\100\322\250\264
\352\235\135\062\151\130\070\234\031\123\032\363\050\124\257\021\122
\057
\312\165\201\076\036\362\144\044\043\070\032\257\116\377\107\236\007
\366\065\145\244\323\012\126\377\365\027\144\154\357\250\042\045
\112\223\266\337\000\027\332\130\176\135\356\305\033\260\132\132
\137\041\012\030\371\136\327\200\020\120\040\007\350\361\132\363\073
\340\373\011\140\154
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"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\132\214\357\105\327\246\230\131\166\172\214\231\104\226\265\170
\317\107\113\032
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\310\345\215\316\250\102\342\172\300\052\134\174\236\046\277\146
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Amazon Root CA 3"
#
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# 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\023\002\125\123\061
\017\060\015\006\003\012\023\006\010\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\0101\155\141\172\157
\156\040\122\157\157\164\040\0103\1010\1040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\012\023\006\010\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\0101\155\141\172\157
\156\040\122\157\157\164\040\0103\1010\1040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\123\331\350
\236\166\003\362\112
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\266\060\202\002\011\133\240\003\002\001\002\002\023\006
\154\237\325\164\227\066\146\077\073\013\123\331\350
\362\112\023\060\012\006\010\052\206\110\316\075\004\003\002\060\071
\016\013\060\011\006\003\125\004\006\023\002\125\123\061\107\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\0101\155\141\172\157\156\040
\122\157\157\164\040\0103\1010\1040\063\060\036\027\15\061\065\060
\065\062\060\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\107\060\015\006\003\125\004
\012\023\006\101\155\141\172\157\156\010\031\060\027\006\003\125
\004\003\023\020\0101\155\141\172\157\156\040\122\157\157\164\040
\103\101\040\063\060\131\060\023\006\007\052\206\110\316\075\002
\001\006\010\052\206\110\316\075\003\001\007\003\102\000\004\051
\227\247\306\101\117\77\300\015\123\350\001\133\126\306\362\122\245
\272\055\262\022\350\32\056\327\372\31\130\330\252\155\037\163
\201\073\073\230\153\071\174\063\3245\305\116\206\216\200\027\150
\142\105\127\175\014\130\035\263\067\345\147\010\353\146\336\243
\102\060\100\006\017\060\003\125\035\023\001\001\137\77\004\005\060
\003\001\001\137\77\006\016\060\003\125\035\017\001\001\137\77\004\004
\003\002\001\206\060\035\006\003\125\035\016\004\026\004\042\243
\266\333\327\006\236\067\254\060\206\007\221\160\307\234\304\031
\261\170\300\060\012\006\010\052\206\110\316\075\004\003\002\003
\111\000\060\106\002\041\000\340\205\222\243\027\267\215\371\053
# 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
CKA_CLASS CK_OBJECT_CLASS 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 "Amazon Root CA 4"
Open Source Used In Telstar 7.6.2 445

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):
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 "Amazon Root CA 4"
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

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
# Trust for "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):

# 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 "Amazon Root CA 4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER_MULTILINE_OCTAL
# Certificate "LuxTrust Global Root 2"

# Issuer: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Subject: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Not Valid After : Mon Mar 05 13:21:57 2035

Fingerprint (SHA-256):

END
# Trust for "LuxTrust Global Root 2"
# Issuer: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Subject: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Not Valid Before: Thu Mar 05 13:21:57 2015
# Not Valid After : Mon Mar 05 13:21:57 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 "LuxTrust Global Root 2"

END

CKA_ISSUER MULTILINE_OCTAL
"CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU"

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

END

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 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\004\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END

Open Source Used In Telstar 7.6.2  451
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 "Symantec Class 1 Public Primary Certification Authority - G6"
# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
# 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
\003\147\204\235\306\303\316\044\142\307\114\066\317\260\066\104
\267\365\137\002\335\331\124\351\057\220\116\172\310\116\203\100
\014\232\227\074\067\277\277\354\366\360\264\205\167\050\301\1013
\310\147\202\020\027\070\242\267\006\352\233\277\072\370\351\043
\007\277\164\340\230\070\025\125\170\356\162\000\134\031\243\364
\322\063\340\377\275\321\124\071\051\017
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\057\250\264\332\366\144\111\130\036\202\371\106\075\124\032\174\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\101\306\001\10\006\003\125\004\006\23\002\125\123
\061\103\060\033\006\03\125\004\122\23\123\171\155\141\156
\164\145\143\040\03\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\23\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\10\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\03\154\141\163\163\040\101\060\140\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320


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\310\120\171\153\016\152\005\327\252\004\066\262\243\362\341\137
\167\247\167\234\345\036\334\351\373\152\301\145\135\002\003\001
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\006\017\006\003\125\035\023\001\001\377
\004\005\006\000\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\207\124\040\225\310\230\123\321\326\200\006\112\122\0064
\104\337\034\115\277\260\060\015\006\011\052\206\110\206\367\015
\001\001\013\005\000\003\202\001\011\000\201\216\262\245\146\226
\267\014\245\266\357\157\043\132\137\333\201\305\102\245\170\301
\151\137\364\074\327\371\134\153\160\162\032\374\132\227\115\000
\200\210\210\202\212\130\161\015\216\305\211\233\054\355\215\013
\322\216\124\365\175\324\134\103\127\351\136\256\245\002\021\1366
\166\053\201\127\335\175\332\164\060\375\124\107\366\340\026\156
\246\264\012\110\346\034\165\007\017\051\031\071\136\171\364\266
\154\035\137\231\325\037\113\372\337\155\054\074\015\124\200\160
\136\021\013\200\317\036\150\242\270\035\160\331\166\214\374\356
\245\311\317\255\035\337\231\045\127\132\142\105\313\026\153\275
\111\113\154\243\243\121\151\175\045\256\270\014\154\213\100\146\113
\026\077\317\002\032\323\355\341\154\153\007\141\152\166\025\051\231
\177\033\335\310\200\031\277\265\217\163\035\246\226\043\204\246
\050\206\044\063\152\001\056\127\163\045\266\136\277\217\346\035
\141\250\100\051\147\035\207\233\035\177\233\237\231\150\061\326
\124\276\142\273\071\254\150\022\110\221\040\245\313\261\335\376
\157\374\132\344\202\125\131\257\061\251
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Symantec Class 2 Public Primary Certification Authority - G6"
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,O=Symantec Trust
# Network,O=Symantec Corporation,C=US
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,O=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_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
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Open Source Used In Telstar 7.6.2  456
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\175\013\203\345\373\174\255\007\117\040\251\265\337\143\355\171
END
CKA_ISSUER MULTILINE_OCTAL
\061\035\006\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\010\013\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
\145\143\010\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\013\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\010\13\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\140\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Symantec Class 1 Public Primary Certification Authority - G4"
#
# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Wed Oct 05 00:00:00 2011
# 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 "Symantec Class 1 Public Primary Certification Authority - G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\020\224\013\006\000\111\006\003\125\004\006\023\002\125\123
\061\035\006\003\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
Open Source Used In Telstar 7.6.2 457


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 "Symantec Class 1 Public Primary Certification Authority - G4"

# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust Network,O=Symantec Corporation,C=US


# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust Network,O=Symantec Corporation,C=US

# Not Valid Before: Wed Oct 05 00:00:00 2011

# Not Valid After : Mon Jan 18 23:59:59 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_CERT UTF8 "Symantec Class 1 Public Primary Certification Authority - G4"

CKA_CERT_SHA1_HASH CK_Multiline_Octal

CKA_CERT_MD5_HASH CK_Multiline_Octal

END

CKA_CERT_MD5_HASH CK_Multiline_Octal

END
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\060\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\013\157\162\160\151\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\013\060\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\162\171\104\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\156\063\245\313\323\210\244\157\051\007\264\047\074

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 - G4"
#
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust
# Network,O=Symantec Corporation,C=US
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust
# Network,O=Symantec Corporation,C=US
# Not Valid Before: Wed Oct 05 00:00:00 2011
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):

# Certificate "Symantec Class 2 Public Primary Certification Authority - G4"
#
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust
# Network,O=Symantec Corporation,C=US
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust
# Network,O=Symantec Corporation,C=US
# Not Valid Before: Wed Oct 05 00:00:00 2011
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):

# Certificate "Symantec Class 2 Public Primary Certification Authority - G4"
#
OPEN SOURCE USED IN TELSTAR 7.6.2

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END
# Trust for "Symantec Class 2 Public Primary Certification Authority - G4"
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust Network,O=Symantec Corporation,C=US
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust Network,O=Symantec Corporation,C=US
# Not Valid Before: Wed Oct 05 00:00:00 2011
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
cka_class ck_object_class ck0_nss_trust
cka_token ck_bbool ck_true
cka_private ck_bbool ck_false
cka_modifiable ck_bbool ck_false
cka_label UTF8 "Symantec Class 2 Public Primary Certification Authority - G4"
cka_cert_sha1_hash multilne_octal
\147\044\220\056\110\001\260\042\226\100\020\106\264\261\147\054
\251\165\375\053
End
cka_cert_md5_hash multilne_octal
\160\325\060\361\133\224\227\324\327\164\337\276\355\150\336\226
end
cka_issuer multilne_octal
\060\201\224\061\103\060\011\006\003\125\004\006\023\002\125\123
# 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

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
# 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

END
# 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

CKA_CLASS CK_OBJECT_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
\002\003\017\335\254
END
Open Source Used In Telstar 7.6.2 468
# 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):
# 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 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\061\103\144\233\354\316\047\354\355\072\077\013\217\015\344\350 \221\335\356\312

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

END

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END
Open Source Used In Telstar 7.6.2  470

# Certificate "GDCA TrustAUTH R5 ROOT"
#
# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY CO.,LTD.",C=CN
# Serial Number:7d:09: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_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\104\051\107\125\101\116\010\041\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\103\107\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124

END

CKA_ID UTF8 "0"

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\107\376\172

END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\210\060\022\003\160\240\003\002\001\002\002\010\175
\131\127\344\355\245\215\351\100\123\237\025\113\240\161\366\032
\041\134\332\160\006\041\130\024\207\205\167\171\252\202\171\002
\003\001\000\001\124\331\020\060\100\060\035\006\003\125\035\016\004
\026\004\024\342\311\110\023\71\153\163\050\232\241\174\317\016\077
\145\305\051\120\152\031\112\060\017\066\003\125\035\023\001\001
\377\004\005\060\003\001\001\137\77\060\160\006\003\125\035\017\001
\001\137\77\004\004\003\002\001\020\060\060\015\006\011\052\020\61\10\026
\367\015\000\010\013\030\000\003\020\002\001\000\321\111\127\340
\247\314\150\130\030\272\001\107\053\031\131\52\156\041\110\052\240\21
\135\51\013\120\151\370\037\177\276\026\217\375\235\353\013\252\062
\107\166\322\147\044\355\275\174\063\062\227\052\307\005\206\146
\015\027\175\024\025\033\324\353\375\037\232\366\136\227\151\267
\032\045\244\012\263\221\077\137\066\025\024\213\354\127\250\076\347
\201\212\030\127\071\125\164\032\102\307\351\113\032\231\137\217\371
\010\035\122\211\164\215\365\107\372\225\073\326\373\170\146\116\066
\175\371\351\022\351\004\336\375\111\111\143\374\155\373\024\161\122
\147\057\107\112\226\72\137\036\052\163\160\106\060\277\132\362
\057\172\145\341\121\043\311\137\262\143\067\214\067\145\205\160
\152\134\013\011\162\227\125\51\143\074\261\133\357\105\206\277\067
\206\034\273\216\230\047\176\272\037\026\341\160\021\362\003\337
\045\142\062\020\047\060\030\062\204\237\377\000\072\023\272\232\115
\364\117\270\024\160\042\261\132\053\220\316\051\301\116\160\034\057
\235\171\336\220\023\362\123\327\72\106\374\346\206\372\133\340
\040\166\172\272\246\133\365\174\336\142\245\261\123\356\362\202
\146\221\116\072\060\037\077\200\133\255\047\272\014\136\327\320
\261\126\312\167\161\126\226\165\241\120\251\110\013\027\302\050
\331\137\172\213\133\131\143\324\102\076\240\063\172\106\056\367
\012\040\106\124\176\152\117\061\361\120\117\160\070\145\163
\047\356\306\174\270\216\327\245\072\327\230\241\123\41\20\125
\323\333\113\354\100\220\362\131\156\273\122\142\106\174\127\223
\261\247\155\315\323\20\327\052\347\345\266\073\161\130\255\375
\321\015\274\312\221\136\123\025\157\323\105\011\165\156\272\220
\135\036\004\317\067\377\036\250\146\261\124\346\040\152\357\374
\110\161\164\230\012\257\051\157\056\152\037\373\175\321\146\061
\042\314\206\000\176\146\203\014\012\364\275\064\222\303\032\352
\117\312\176\162\151\136\214\246\110\273\246\241\024\366\373
\130\041\231\024\256\252\013\223\151\240\051\045\112\245\313\053
\335\212\146\007\026\170\025\127\161\033\354\365\107\204\363\236
\206\037\172\235\077\044\255\134\274\375\357\314\156\203\350\014
\250\267\101\154\007\335\275\074\206\227\057\322
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GDCA TrustAUTH R5 ROOT"
# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN
Open Source Used In Telstar 7.6.2  473

# Serial Number: 7d:09:fe:0f: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_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"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\066\070\133\201\032\045\303\233\061\116\203\312\351\064\146
\160\314\164\264
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\143\314\331\075\064\065\134\157\123\243\342\010\160\110\037\264
END

CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\116\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END

# Certificate "TrustCor RootCert CA-1"

# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.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.,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):
END

# 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):

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 "TrustCor RootCert CA-1"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\577\275\315\347\202\310\103\136\074\157\046\206\134\312\250\072
\105\133\303\012

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\577\275\315\347\202\310\103\136\074\157\046\206\134\312\250\072
\105\133\303\012

END

CKA_ISSUER MULTILINE_OCTAL
\571\200\034\347\333\366\147\171\037\365\202\225\232\007\247\024
\257\217\334\050\041\147\011\322\326\115\132\034\031\034\216\167
\134\030\224\044\075\062\153\113\176\324\170\224\203\276\067\115
\316\137\307\036\116\074\340\211\063\225\013\017\245\062\326\074
\132\171\054\031

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
Open Source Used In Telstar 7.6.2  477

# Certificate "TrustCor RootCert CA-2"
#
# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:25:a1:df:ca:33:cb:59:02
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:23 2016
# Not Valid After : Sun Dec 31 17:26:39 2034
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-2"

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\332\233\354\161\363\003\260\031
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```
\205\300\317\343\220\250\203\167\372\333\346\305\214\150\147\020
\147\245\122\055\360\304\231\121\177\277\321\153\342\265\107\326
\331\120\205\231\155\222\233\017\132\155\356\000\132\107\035\021
\003\254\101\030\257\207\267\157\014\072\217\312\317\334\003\301
\242\011\130\345\337\200\136\310\140\102\000\130\032\123\132\273
\067\246\267\274\272\20\335\036\134\032\324\144\332\324\103\337
\223\213\113\362\054\171\026\020\324\223\013\210\217\241\330\206
\024\106\221\107\233\050\044\357\127\122\116\134\102\234\252\367
\111\354\047\350\000\036\263\246\211\042\162\234\365\015\063\264
\130\243\060\073\333\355\324\152\124\223\276\032\115\363\223\224\367
\374\204\013\077\204\040\113\064\003\104\305\352\255\274\012\301
\002\317\036\345\324\223\313\363\216\133\330\114\360\235\354\141\027
\273\024\062\124\014\002\051\122\036\222\206\366\177\357\347\222
\005\016\131\335\231\101\056\056\372\234\000\122\323\305\146\051
\344\247\227\104\244\016\050\201\023\065\305\366\157\144\346\101
\304\325\057\314\064\105\045\317\101\000\226\075\112\056\302\226
\230\117\116\112\234\227\267\333\037\222\062\310\377\017\121\156
\326\354\011
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "TrustCor RootCert CA-2"
# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S.de R.L.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:25a:1:df:ca:33:cb:59:02
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S.de R.L.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:23 2016
# Not Valid After : Sun Dec 31 17:26:39 2034
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\270\276\155\313\126\361\125\271\143\324\022\312\116\006\064\307
\224\262\034\300
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\242\341\370\030\013\272\105\325\307\101\052\273\067\122\105\44
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\011
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END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor ECA-1"
#
# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:84:82:2c:5f:1c:62:d0:40
# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:33 2016
# Not Valid After : Mon Dec 31 17:28:07 2029
# Fingerprint (SHA-256):
# 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 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 ECA-1"

CKA_CLASSIFIER CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_SUBJECT MULTILINE_OCTAL

END
```

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Open Source Used In Telstar 7.6.2

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
0602012340610119060031125004060223020220120101
0610170600906000311250040100140061201411561141155
1410610240600220600031250040007014013201411561141
1551410401031511641170610440600420060031250040101
14030312416216516316410315716200401123101161364145
15516304011230560401441450401220561114056061047060
045006003125004013014036124162165163164103157162
040103145162164151146114314116414504010110165164
150157162151164117061027060125006003125004003014
161624162165163164103157162040105103101055061

CKA_SERIAL_NUMBER MULTILINE_OCTAL
0020101000204202054137034142320100

CKA_VALUE MULTILINE_OCTAL
0602020004000602020030110240003002001002002011000
2042020541137034142320100060015000611052060110206
3670150010010130050000600201234061013060011006003
125004060230032120101061017060015006003125004010
140406120141156114155141012406002206003125004010
107014011201411561141551410401031511641171061044
00600200060031250040012014033124162165163164103157
162040123171163164145155163040123056040144145040
12205611420560610470600450060031250040130140361124
1621651631641031571620401031451621641511461151143
1411641450401011651641501571621511641171061027060
25000603125004003014106124162165163164103157162
0401051031101055061060306127015061060606206064
0611026030620630631320271015062071061062063061061
06706702070060671320602011234061013060011006003125
0040060203021201101610170601500600312500400101014
0061120141156114155141012406002206003125004007
14010120141156114155141040131511641171061044060
04200603125004012014033124162165163164103157162
04010123171163164145155163040123056040144145040122
05614056061047060045006003125004013014036124162
16516316410315716204010314516216415114611511431141
1641450401011651641501571621511641171061027060025
0606001325004003014016124162165163164103157162040
1051031010550610602020010420600150060011052060110
2063067101500010100005000003202001017000060202001
0120020200100010003171273400212652377250166166333
337017172435716314305120225510730642315335533761137
06337010312113510320632210610272401641304324247001
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 "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
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:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor ECA-1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\321\337\225\225\147\153\143\300\360\133\034\027\115\213\204
\013\310\170\275
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\047\222\043\035\012\365\100\174\351\346\153\330\365\347\154
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\234\061\013\060\001\11\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\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\010\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\204\202\054\137\034\142\132\0100
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):

CKA_CLASS CK_OBJECT_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
\060\174\061\036\060\011\010\006\003\125\004\006\023\002\125\123\061
\016\060\014\060\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\060\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\060\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\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\001\110\060\003\125\004\006\023\002\125\123\061
\016\060\014\060\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\060\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\060\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\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\173\054\233\323\026\200\062\231
END

CKA_VALUE MULTILINE_OCTAL
\060\020\005\335\060\202\003\305\240\003\002\000\102\002\010\173
\054\233\323\026\200\062\231\060\015\006\011\052\206\110\206\6367
\015\000\010\13\005\000\060\174\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\160\014\006\003\125\004\010\014\005
\124\145\170\141\163\061\102\020\060\160\006\003\125\004\007\014\007
\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004\012
\014\010\123\123\114\040\103\157\162\160\157\162\141\164\151\157
\156\061\016\060\057\006\003\125\004\030\140\050\123\123\114\056
\143\157\155\040\122\125\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\160\036\027\015\061\066\060\062\061\062\1067
\063\071\063\071\13\027\015\064\061\060\062\061\062\061\067
\071\063\071\13\026\017\064\010\006\003\125\004\006\023
\002\125\123\061\160\006\014\006\003\125\004\010\014\005\124\145
\170\141\163\061\020\060\016\060\003\125\004\007\014\007\110\157
\165\163\164\157\156\061\030\060\026\060\003\125\004\012\014\017
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 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
# Certificate "SSL.com Root Certification Authority ECC"
#
# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:75:e6:df:cb:c1:68:5b:a8
# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:14:03 2016
# Not Valid After : Tue Feb 12 18:14:03 2041
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_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\130\060\011\006\003\125\004\006\023\002\125\123\061\101\174\061\013\125\004\101\140\005\124\145\170\141\163\061\120\060\014\006\003\125\004\010\140\005\124\145\170\141\163\061\120\060\014\006\003\125\004\007\140\007\110\157\165\163\164\157\156\061\106\060\005\006\003\125\004\012\014\017\123\123\114\040\103\157\162\160\157\162\144\164\151\157\165\156\061\106\060\057\006\100\312\004\003\140\050\123\123\114\056\143\157\155\040\122\157\157\156\040\101\165\164\151\164\171\104\122\123\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\173\054\233\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


\011\351\201\372\363\107\323\243\143\060\141\060\035\006\003\125
\035\016\004\026\004\024\202\321\205\163\060\347\065\004\323\216
\002\222\373\345\244\321\304\041\350\315\017\060\003\125\035
\023\001\000\137\004\005\060\003\001\000\137\077\006\037\006\003\125
\035\054\034\040\306\060\026\200\024\202\321\205\163\060\347\065\004
\323\216\002\222\373\345\244\321\304\041\350\315\017\060\003\125
\125\035\017\001\001\137\004\004\003\002\001\206\060\012\060\010
\052\206\110\316\075\004\003\002\003\147\000\060\144\002\060\157
\347\353\131\021\244\140\317\141\260\226\173\355\005\371\057\023
\221\134\354\343\374\120\153\021\106\106\263\034\041\000\142\273
\276\303\347\350\135\007\231\371\015\015\131\151\156\061\137\337\345\152
\145
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):

# 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\346\124\257\033\304\253\040\225\172\342\303
\016\023\000\152
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\056\332\344\071\177\234\217\067\321\160\237\046\027\121\072\216
END

CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\060\003\125\004\012\014\017\123\123\140\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\140\056\143\157\155\040\122\157

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# 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

# Certificate used in Telstar 7.6.2

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

CKA_CLASS 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\020\120\061\013\060\001\11\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\013\006\026\006\003\125\004\012\014\017\123\123\114 \040\013\157\162\160\157\162\141\164\151\157\156\061\067\060\065 \006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105 \126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141 \164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122 \123\101\040\122\062
END

CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_SUBJECT MULTILINE_OCTAL
\060\164\040\103\145\162\160\157\162\141\164\151\157\156\061\067\060\065 \006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105 \126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141 \164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122 \123\101\040\122\062
END

# 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

# Certificate used in Telstar 7.6.2

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

CKA_CLASS 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\020\120\061\013\060\001\11\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\013\006\026\006\003\125\004\012\014\017\123\123\114 \040\013\157\162\160\157\162\141\164\151\157\156\061\067\060\065 \006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105 \126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141 \164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122 \123\101\040\122\062
END

CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_SUBJECT MULTILINE_OCTAL
\060\164\040\103\145\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

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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):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
# 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:02:29:9c: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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_CN UTF8 "SSL.com EV Root Certification Authority ECC"

END
CKA_VALUE MULTILINE_OCTAL
\060\020\002\224\060\202\002\032\240\003\002\001\002\002\010\054
\051\234\133\026\355\005\225\060\120\006\010\052\206\110\336\075
\004\003\002\060\177\061\101\036\060\110\060\003\125\004\006\023\002
\125\123\061\160\060\014\006\003\125\004\010\014\005\012\145\170
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165
\163\164\157\156\061\103\060\062\026\006\003\125\004\012\014\017\123
\123\141\040\103\157\162\160\157\162\141\114\151\157\156\061\1064
\060\062\060\003\125\004\003\014\053\123\121\114\056\143\157\155
\040\010\05\126\040\122\157\157\164\040\103\145\162\145\151\146
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\140\010\03\103\060\036\027\015\060\066\060\062\061\062\061\070
\061\065\062\063\132\020\157\064\060\062\061\062\061\070\061
\065\062\063\132\060\017\061\103\060\011\006\003\125\004\006\023
\002\125\123\061\106\060\014\006\003\125\004\010\014\005\012\145
\170\141\163\061\020\060\060\003\125\004\007\110\157\165
\165\161\164\157\156\061\103\060\062\026\006\003\125\004\012\014\017
\123\121\114\010\041\033\157\162\160\157\162\141\114\164\151\157\156\061
\064\060\062\060\003\125\004\003\014\053\123\121\114\140\143\157
\115\040\105\126\040\122\157\157\164\040\101\145\162\164\151\1146
\151\141\164\164\151\157\156\040\010\165\164\150\157\162\151\164
\171\040\105\103\103\060\166\060\020\006\007\052\206\110\336\075
\002\001\006\006\005\201\004\000\042\003\142\000\004\252\022\107
\220\230\033\137\357\303\100\007\203\040\116\361\060\020\242\006
\321\362\222\206\141\036\236\041\150\032\000\304\307\352\103\000
\124\206\334\375\037\377\000\270\101\142\134\334\160\026\062\336
\037\231\324\314\305\007\310\100\037\141\102\060\071\121\075\175\134
\007\131\234\306\070\241\337\315\237\333\105\015\112\260\031\056
\132\160\132\006\355\276\360\241\260\312\320\021\051\124\333\1060
\141\060\035\006\003\125\035\016\040\026\004\024\133\312\136\345
\336\322\201\252\315\250\055\144\121\266\331\162\233\227\346\117
\060\017\000\060\035\125\035\023\001\000\137\000\040\056\000\030\001\001
\377\060\037\006\003\125\035\043\004\030\060\026\200\002\143\331\12
\136\345\336\322\021\252\315\250\055\144\121\266\331\162\233\227
\346\117\060\016\060\003\125\035\017\001\001\137\000\040\040\030\002
\001\120\060\012\000\010\052\206\110\316\075\004\003\002\003\150
\000\060\014\150\002\206\100\000\212\346\100\211\067\353\351\325\023\031
\131\232\153\044\043\363\260\075\207\106\130\032\335\426\133\157\373
\126\272\160\153\070\070\134\350\261\214\117\017\367\361\147\166
\016\203\320\030\036\121\217\002\060\075\366\043\050\046\114\130\061\140
\207\223\046\233\262\065\036\272\326\367\074\321\034\136\372\045
\074\246\032\020\125\333\363\022\017\154\356\145\212\131\110\207\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\200\011\124\300\316\102\271\132\174\362\220
END
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\001\100\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\000\125\004\010\140\055\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\140\007\110\157\165\163\164\157
\156\061\030\060\026\066\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\140\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "GlobalSign Root CA - R6"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# 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_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

END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL

END
CKA_VALUE MULTILINE_OCTAL

END

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END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTCK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTCK_BBOOL CK_FALSE

# 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"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\200\224\144\016\265\247\241\312\021\234\037\335\325\237\201\002
\143\247\373\321
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\117\335\007\344\324\042\144\071\036\014\067\102\352\321\306\256
END
CKA_ISSUER MULTILINE_OCTAL
# 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
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_ID UTF8 "0"
CKA_LABEL UTF8 "OISTE WISeKey Global Root GC CA"
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\006\003\125\004\012\023\02\107
\154\157\142\141\154\123\151\147\156\01\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

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END  # CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055
\072\235\2

END  # CKA_VALUE MULTILINE_OCTAL
\060\202\002\151\060\202\001\357\240\003\002\000\001\002\000\020\004\1
\052\126\014\256\033\014\253\100\105\277\053\242\055
\012\000\010\052\206\110\316\075\004\003\003\060\155\061\013\060
\011\006\003\125\004\006\062\230\002\103\110\061\020\060\016\006\003
\125\004\012\230\007\127\111\112\131\145\113\145\171\061\042\060\004
\006\003\125\004\013\023\031\117\111\123\124\105\040\166\157
\156\114\141\164\151\157\156\040\105\156\114\141\157\162\163\145\144
\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105
\020\127\111\112\131\145\113\145\171\061\042\060\004
\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156
\114\116\141\151\157\156\040\105\156\114\141\157\162\163\145\144
\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105
\127\111\112\131\145\113\145\171\040\107\154\157\142\141\154
\150\040\112
\157\115\164\040\107\013\040\103\110\061\020\060\016\006\003\125
\004\012\230\007\127\111\112\131\145\113\145\171\061\042\060\004
\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156
\114\116\141\151\157\156\040\105\156\114\141\157\162\163\145\144
\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105
\127\111\112\131\145\113\145\171\040\107\154\157\142\141\154
\150\040\112
\157\115\164\040\107\013\040\103\110\061\020\060\016\006\007
\020\061\103\160\75\002\001\010\065\053\201\004\000\042\003\142
\000\141\351\120\300\061\171\162\030\274\330\361\272\263\211\132
\171\11\12\243\026\247\153\124\044\133\121\137\375\323\640\110\044
\03\130\042\237\313\152\047\202\201\105\132\233\020\257\061\134\164
\020
\156\132\045\353\121\141\165\235\361\133\332\023\222\242\113\041\176
\020
\124\113\220\032\071\132\246\216\207\170\137\030\226\017\120\033
\065\070\171\152\306\334\331\123\115\244\216\220\067\346\275\133
\061
\124\123\149\060\122\060\016\006\003\125\035\017\010\001\013
\177\000\04
\000\004\03\002\000\101\006\060\017\006\003\125\035\023\001\010
\177\000
\005\060\003\001\001\013\777\060\035\006\003\125\035\016\004
\026\004
\020\141\020\247\254\343\303\236\222\140\072\327\312\211\356
\032
\125\214\126\212\140\164\060\020\060\011\105\033\060\001\004\001
\202\067
\025\001\004\090\030\002\001\000\060\012\060\010\052\206\110\316
\075
\004\003\003\003\150\000\060\145\002\060\046\307\151\113\334
\325
\134\172\062\347\130\041\214\142\143\335\171\121\043\133\325\311
\122
\122\146\115\020\112\163\036\262\200\204\251\045\300\114\132\155
\111\051\014\070\023\342\176\110\353\144\002\061\000\033\064
\040
\062\010\377\232\111\002\266\210\336\024\257\135\154\231\161\125
\032\077\013\123\340\024\266\206\034\007\020\072\166\123\375
\032
\124\235\357\173\260\020\117\130\017\113\123\071\275

END  # CKA_NSS MOZILLA CA POLICY CK_BBOOL CK_TRUE
# 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
# 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 "OISTE WISeKey Global Root GC CA"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\340\021\204\136\064\336\276\210\201\271\234\366\026\046\321\226
\037\303\271\061
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\251\326\271\055\057\223\144\370\245\151\131\222\135\150\007\043
END

CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\044\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\006\003\125\004\003\023\037
\171\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\033\014\253\100\105\277\053\242\055
\072\352
END

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

# Certificate "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):

# 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 R1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
06010706011103060011100600311250004006023002125123061
042060040000003112500040120230311071157114711541145
0401124162165163164040112314516216615111431145163040
114114103061024060002200600311250004003230131071124
123040122115711571640401122061

END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
06010706011103060011100600311250004006023002125123061
042060040000003112500040120230311071157114711541145
0401124162165163164040112314516216615111431145163040
114114103061024060002200600311250004003230131071124
123040122115711571640401122061

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
00

END
CKA_VALUE MULTILINE_OCTAL
06010706011103060011100600311250004006023002125123061
042060040000003112500040120230311071157114711541145
0401124162165163164040112314516216615111431145163040
114114103061024060002200600311250004003230131071124
123040122115711571640401122061

END

Open Source Used In Telstar 7.6.2 504
CKA_CLASS CK_OBJECT_CLASS 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_ISSUER MULTILINE_OCTAL

END

# 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
CKA_CERT_MD5_HASH MULTILINE_OCTAL
END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
END
CKA_ISSUER MULTILINE_OCTAL
Open Source Used In Telstar 7.6.2  507

# Certificate "GTS Root R2"

# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# 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_ID UTF8 "0"

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GTS Root R2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

END
# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# 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 CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\322\163\226\052\052\136\071\237\163\077\341\307\036\144\077\003
\070\064\374\115
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\104\355\232\016\244\011\073\000\362\256\114\243\306\141\260\213
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\001\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\000\125\004\012\023\031\107\157\157\147\154\145
\040\124\161\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\306\132\263\347\040\305\060\232\077\150\122
\362\157
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 "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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\061\110\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\061\110\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\107\154\251\163\044\100\211\107\003\125\035
\121\035
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\014\060\202\020\011\221\240\003\002\000\012\020\016\156
\107\251\130\154\251\163\044\100\211\107\003\125\035\215\035
\012\006\010\052\206\110\316\075\004\003\006\010\017\061\130
\011\006\003\125\004\006\023\002\125\123\061\104\020\060\040\006
\125\004\012\023\031\107\157\157\147\154\145
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\1024
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157
\164\040\122\163\060\036\027\015\061\066\060\066\062\062\060\060
\020\060\060\060\060\132\027\151\056\033\060\060\062\062\060\060
\060\060\060\060\132\060\010\07\061\013\060\011\006\003\125\004\006
\020\021\25\123\061\042\060\040\006\003\125\004\012\023\031\107\157
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003
\023\013\107\124\123\040\122\157\157\164\040\122\063\060\166\060
\020\006\007\052\206\110\316\175\020\001\006\005\053\201\004\000
\042\003\114\200\000\004\037\117\063\207\063\051\212\241\204\336\313
\307\041\130\101\121\111\352\126\235\053\113\205\306\035\114\047\274
\177\046\121\112\137\324\237\326\243\312\140\052\210\062\213\255
\357\176\206\124\354\261\176\057\377\251\116\123\030\204\105\004
\101\125\156\053\135\204\177\273\220\011\343\113\031\127\234\412
\226\105\112\161\325\154\221\104\255\204\023\216\232\214\015\200
\014\062\366\340\047\243\102\060\100\060\016\006\003\125\035\017
\001\011\377\004\004\033\002\001\006\060\17\006\003\125\035\023
# 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

(Sha-256):

(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 R3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\060\107\061\013\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\032\171\133\153\004\122\234\135\307\164\063\033\045\232\371\045

CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\307\154\251\163\044\100\211\017\003\125\335
\215\035

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# Certificate "GTS Root R4"

# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# 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\130\060\110\060\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\012\13\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\107\061\130\060\110\060\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\012\13\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\131\021\132\224\266\350\273\073\052\330\242\262
\301\231

END

CKA_VALUE MULTILINE_OCTAL
\060\202\200\021\026\010\022\020\001\221\240\003\002\001\002\002\201\156
\107\251\131\021\224\266\350\273\073\052\330\242\262\301\231\060
\102\006\010\052\206\110\316\075\004\003\003\060\107\061\013\060
\011\006\003\125\004\006\023\002\125\123\014\206\040\006\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\202\006\003\125\004\003\023\013\107\124\123\040\122\157\157
OPEN SOURCE USED IN TELSTAR 7.6.2

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END

# Trust for "GTS Root R4"
# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# 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_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GTS Root R4"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
0520351400473311122610120341152211134315063240313
076055124313
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\135\266\152\304\140\027\044\152\032\231\250\113\356\136\264\046
END
CKA_ISSUER MULTILINE_OCTAL
\060\070\061\013\060\001\110\060\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\110\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\060\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\310\213\224\266\350\273\073\052\330\242\262
\301\231
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 "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_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\075\061\013\060\001\110\060\003\125\004\006\023\002\103\116\061
\021\060\017\060\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\017\154\157\142\141\154\040\010\062\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\001\110\060\003\125\004\006\023\002\103\116\061
\021\060\017\060\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
Open Source Used In Telstar 7.6.2

CKA_SERIAL_NUMBER MULTILINE_OCTAL
00202001353372613321322433551135276132145040145003
\220357
END

CKA_VALUE MULTILINE_OCTAL
060202005106060202003056240000302001002002020135
3372613321322433551352761321450401450033220357060
015006011052061110206367015001001013005000600075
06101306001110060031125004006023002103116061021160
0170060031125004012014010125156151124162165163164
06103306003110600312500400301140221251031101040107
15415714211411540401070620401221571571646606036027
015061106060630106106060606060060601320270115
0640606061062063011060606060606060606061320270115
01306001110600031125004006023002103116061021160017
00600311250040121014010125156151124162165163164061
03306003110600312500400301140221251031101040107154
1571421411154040107062040122157157164660602002042
060015006001105220611020636701500100100100500000
2020020170000602020020120020200201000100305346053
15717433570460050470243201104433215713100113712311232
2510623020420270141101221073031303150033036035114
25105330114702700420350533553710511221223242170275
22211532402430151242178131222326324632124065325165
371027366317105303451723354167232420217043256016
030312003772763324320355056173253106043133377054346
1241722243000520253600311215260172073044341327150
3420610740006031062661240212642650570421242052130
01500100203613720251211471543003723272660331177321
12621005703207212507312732020213401070000320122207
2530373206176017044153100235064147274215207055206
15717107621265210740271137177260231343260161140334
01313651440330161032741551612713223360471133212350
33030625663141131175317050055065272251260323611262
1301136270220667310174263355113200341125372062043
26661572671102250102611041162052140720021124040057
337272721271170730722200413273010460651240400354307
0770103543553132277113172301255070027120134124330
017111311233405337215627416322231535407120350101
2263272521176155303351035217212625271130222272112
2220503141263752003530103601360511560330340142527
217223211125533332725423263041312211031354337265303
0323353026376170061114326156320076027034220027153
0462723731272057277021034003016055163003217240345
0652401323421141650351613341071070123170100314203
223327012236235133321721234433453401103441110262107
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
Open Source Used In Telstar 7.6.2

# 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):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\050\371\170\026\031\172\377\030\045\030\252\104\376\301\240\316
\134\266\114\212
END

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

CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\060\103\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END

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

# Certificate "UCA Extended Validation Root"
#
#
# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 13 00:00:00 2015
# Not Valid After : Fri Dec 31 00:00:00 2038

# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Extended Validation Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\060\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\060\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\060\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\140\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\060\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\060\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\060\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\140\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\117
\322\053\217\365\144\310\063\236\117\064\130\146\043\160\140\060
\015\006\011\052\206\110\206\367\015\001\100\013\005\000\060\107
\061\103\060\011\006\003\125\004\006\023\002\103\116\061\102\106
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164
\061\045\060\043\006\003\125\004\003\014\034\125\103\101\040\105
\170\164\145\156\144\145\144\140\126\141\154\151\144\141\164\151
\157\156\040\122\157\157\164\060\036\027\150\015\065\060\063\060
\063\060\060\060\060\060\132\027\015\063\070\060\062\063\061
\060\060\060\060\060\060\132\060\107\060\101\13\060\11\006\003\125
\004\006\023\002\103\116\061\102\106\017\006\003\125\004\012\104
\010\125\156\151\124\162\165\163\164\061\104\05\060\043\006\003\125
\004\003\014\034\125\103\101\040\105\170\164\145\156\144\145\144
\040\126\141\154\151\144\141\164\151\157\156\040\122\157\157\164
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\100
\001\105\000\000\003\202\002\17\000\000\060\202\002\12\002\20\002\001
\100\102\001\100\007\050\023\002\260\231\340\144\252\036\103\026\172
\163\261\122\124\016\076\250\372\343\070\000\172\354\211\152\040
\017\213\305\260\233\063\003\132\206\036\130\206\325\030\205\273
\117\306\234\100\115\312\276\356\151\226\270\255\201\060\232\174
\222\005\353\005\053\033\110\320\270\166\076\226\310\040\273\322
\260\361\121\330\254\105\106\377\252\147\140\126\167\176\152\037
# Trust for "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
# 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 "UCA Extended Validation Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\243\241\260\157\044\141\043\112\343\066\245\302\067\374\246\377
\335\360\327\072
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\241\363\137\103\306\064\233\332\277\214\176\005\123\255\226\342
END

CKA_ISSUER_MULTILINE_OCTAL
\060\107\061\101\060\001\100\060\03\125\004\060\023\002\103\116\061
\021\060\01\179\060\003\125\004\012\140\010\125\156\151\124\162\165
\163\164\016\145\066\043\060\003\125\004\003\114\034\125\103\101
\040\105\179\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
OPEN SOURCE USED IN TELSTAR 7.6.2 522

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\017\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#Certificate "Certigna Root CA"
#
#Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
#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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\060\033\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\013\145\162\164
\151\147\156\141\040\122\157\157\164\040\013\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\060\033\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\013\145\162\164
\151\147\156\141\040\122\157\157\164\040\013\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\031\235\103\211\361\125\003\015\243\346\101\155\304
\343\246\341
END
# 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
CKA_LABEL UTF8 "Certigna Root CA"

END
# 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

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\147\061\013\060\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\164\144\150\162\141\115\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\107\061
\164\040\013\010\040\055\040\107\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\147\061\013\060\001\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\164\144\150\162\141\115\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\107\061
\164\040\013\010\040\055\040\107\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330

END

CKA_VALUE MULTILINE_OCTAL
\060\020\003\224\060\020\002\174\240\003\002\001\002\002\012\061
\365\344\142\014\154\130\355\326\330\060\015\006\011\052\206\110
\206\367\015\001\001\013\005\000\060\147\061\013\060\011\006\003
\125\004\006\023\002\111\116\012\023\060\021\006\003\125\004\013
\023\012\145\155\123\151\147\156\040\107\061
\006\003\125\004\012\023\034\145\115\165\144\150\162\141\040\124
Open Source Used In Telstar 7.6.2  527
CKA_NSSМОЗУЛА_CA_POLICY CBBOOL CК_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CBBOOL CК_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CBBOOL CК_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
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CBBOOL CК_TRUE
CKA_PRIVATE CBBOOL CК_FALSE
CKA_MODIFIABLE CBBOOL CК_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\212\307\255\217\163\254\116\301\265\165\115\245\100\364\374\317
\174\265\126\214
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\234\102\204\127\335\313\013\247\056\225\255\266\363\332\274\254
END
CKA_ISSUER MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CК_FALSE

#
# Certificate "emSign ECC Root CA - G3"
#
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:3c:f6:07:a9:68:70:0:da:8b:84
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\110\116\003\125\004\006\023\002\111\116\061\102\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\050\040\003\060\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\006\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\110\116\003\125\004\006\023\002\111\116\061\102\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\050\040\003\060\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\006\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\074\366\007\251\150\160\016\332\213\204
END

CKA_VALUE MULTILINE_OCTAL
\060\020\002\116\060\020\020\013\323\240\003\002\001\002\002\012\074
\366\007\251\150\160\016\332\213\204\060\012\006\010\052\206\110
\316\075\004\003\000\060\153\061\103\116\001\110\060\033\125\004\006
\230\021\111\116\061\023\060\021\006\003\125\004\013\023\012\145
\155\123\151\147\156\040\120\113\111\061\045\050\040\003\060\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\006\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
# 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
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
06010030320111733611273341240303020035603560350352170262
0773346273301
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
3160131623212372101263201200033503432702221471100
END
CKA_ISSUER MULTILINE_OCTAL
0601530610130600110060003125000400602300021111161061
0230600210060003125000401312301211451155123151147156
04012113111106100506000312500040122023034115
1151654411501621411401224145143150156157154157174
1511451630400141151155116114511400611040060036006
0031250004003023027114511551231511471156040105103103
0401221571571640401030101040505040107063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
00201207436600725115016001633223213204
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "emSign Root CA - C1"
#
# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_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
06012605010103060011006000312500040060230021125123061
0230600210060003125000401302301211451155123151147156
040121131111061024060012200600312500040122023013145
11516544115016214114011111561143061034060032006003
125004003203231145115512315114711560401221157157164
040103101040055040103061
\102\060\100\060\035\006\003\125\035\016\004\026\004\024\376\241
\340\160\036\052\003\071\122\131\102\276\134\222\205\172\030\0252
\115\265\060\016\006\003\125\035\017\001\001\003\377\004\004\003\002
\001\006\006\001\001\003\015\006\003\125\035\023\001\000\037\004\005\060\000\03
\001\001\003\377\006\001\015\006\011\052\206\110\206\367\015\000\001\010\013
\005\000\000\032\200\001\000\003\021\122\263\372\025\041\173\050\0242
\351\345\305\373\337\337\005\353\071\131\057\046\013\343\066\260\357\073
\376\103\227\111\062\231\022\025\133\337\021\051\377\253\123\337\0
\273\301\170\017\254\234\123\257\127\275\150\214\075\151\063\360
\243\240\043\143\073\144\147\042\104\255\235\161\131\126\025\170
\222\243\117\022\061\066\066\342\333\376\000\034\243\140\017\047
\255\240\260\212\265\066\172\122\241\275\047\364\040\047\142\350
\115\224\044\023\344\012\004\351\074\253\056\310\033\011\112\306
\141\004\345\111\064\176\323\304\310\365\017\300\252\351\127\2124
\136\363\143\053\117\117\120\324\376\271\173\231\214\075\300\056
\274\002\053\323\304\100\344\121\070\016\362\233\316\046\231\023
\373\021\352\232\042\140\201\031\037\136\033\201\120\060\310\226
\022\156\347\313\101\177\221\073\242\107\267\124\200\033\334\000
\314\232\220\352\303\303\120\006\142\014\060\300\025\110\247\250
\131\174\341\256\042\242\342\012\172\017\372\142\253\122\114\341
\361\337\312\276\203\015\012
END
ackbar

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 - C1"
# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
347056361337374262011050317135324325147067261121
313206117001
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
3303431350010413721701132260337272322356052137150
END
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\010\066\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\012\013\111\016\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\012\122\157\157\164
\040\013\101\040\055\040\013\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\000\256\317\000\272\304\317\062\370\103\262
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "emSign ECC Root CA - C3"
#
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# 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
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\103\060\011\100\066\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\012\013\111\016\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\012\122\157\157\164
\122\157\157\164\040\103\101\040\055\040\103\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\103\060\011\100\066\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\012\013\111\016\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\012\122\157\157\164
\125\004\003\023\027\145\155\123\151\147\156\040\012\122\157\157\164

# Trust for "emSign ECC Root CA - C3"
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
Open Source Used In Telstar 7.6.2  536
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\000\110\011\13\002\125\004\006\23\002\110\113\061
\22\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\23\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\000\110\011\13\002\125\004\006\23\002\110\113\061
\22\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\23\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\012\137\022\114\245\354\000\311\223\100\337\034\036
\256\043\270\034\132\244
END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\17\060\020\003\267\240\003\002\001\002\002\24\010
\261\137\212\114\245\354\000\311\223\100\337\034\036\256\043\1270
\034\132\244\060\015\006\011\052\206\110\206\367\150\001\001\013
\005\000\060\157\061\013\060\011\006\003\125\004\006\023\002\110
\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156\147
\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023\011
\110\157\156\147\040\113\157\156\147\061\26\060\024\006\003\125\004\012
\006\012\023\001\110\157\156\147\153\157\156\147\040\120\157\163
\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147
\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_CLASS CK_OBJECT_CLASS 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

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

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 "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_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"

# Certificate "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_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"

# Certificate "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_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"

# Certificate "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_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"

# Certificate "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.".,C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_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_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\020\127\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\033\125\004\012\023\015\105\156\164\162
\163\145\054\040\111\156\143\056\056\010\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\146\167\167\167\056\145\156\164\162
\163\164\056\156\145\145\040\167\167\167\056\145\156\164\162
\163\164\056\156\145\145\040\167\167\167\056\145\156\164\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\015\156\164\162\165\163\164\054\040\111
\156\143\056\050\040\164\167\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\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\020\021\000\033\126\103\177\257\251\071\017\000\000\000\000\125
\145\255\130
END
CKA_VALUE MULTILINE_OCTAL
\060\020\006\113\060\020\020\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
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

# Trust for "Entrust Root Certification Authority - G4"
# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G4"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\024\210\116\206\046\067\260\046\257\131\142\134\100\167\354\065\051\272\226\001
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\211\123\361\203\043\267\174\216\005\361\214\161\070\116\037\210\END

CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\130\060\001\11\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\11\11\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\040\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\060\003\125\004\013\023\060\050\143\051
\040\062\060\061\165\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\041\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064\END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\331\265\103\177\257\251\071\017\000\000\000\000\125
\145\255\130\END

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

Found in path(s):
* /opt/cola/permits/1348498798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7_8.src.rpm-cosi-expand-archive-L3IwXukb/certdata.txt

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1.8 popt 1.16

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1.10 util-linux 2.24.2

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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END OF TERMS AND CONDITIONS

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1.15 efivar 0.15
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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under
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with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
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that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
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will operate properly with a modified version of the library, if
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c) Accompany the work with a written offer, valid for at
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    "test/contrib/*.uts"
  ],
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"linux",
"windows",
"crypto_advanced",
"ipv6",
"vcan_socket"
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Found in path(s):
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5.2-tar-bz2/tftp-hpa-5.2/tftp/tftp.c
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5.2-tar-bz2/tftp-hpa-5.2/common/tftpsubs.c
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5.2-tar-bz2/tftp-hpa-5.2/tftp/main.c

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/* -.*- C -*. -***************************************************/
Summary: The client for the Trivial File Transfer Protocol (TFTP).
Name: tftp
Version: @@VERSION@@
Release: 1
License: BSD
Group: Applications/Internet
Source0: http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz
BuildRequires: tcp_wrappers-devel
BuildRoot: %{_tmppath}/%{name}-root

%description
The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server
Group: System Environment/Daemons
Summary: The server for the Trivial File Transfer Protocol (TFTP).
Requires: xinetd

%description server
The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep
%setup -q -n tftp-hpa-%{version}

%build

%configure
make %{_smp_mflags}

%install
rm -rf %{_buildroot}
mkdir -p %{_bindir}
mkdir -p %{_mandir}/man{1,8}
mkdir -p %{_sbindir}
make INSTALLROOT=%{_buildroot} \
  SBINDIR=%{_sbindir} MANDIR=%{_mandir} \ 
install
install -m755 -d %{_sysconfdir}/xinetd.d/ %{_sysconfdir}/xinetd.d/tftpboot
install -m644 tftp-xinetd %{_sysconfdir}/xinetd.d/tftp

%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
  /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf %{_buildroot}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_bindir}/xinetd/%{_sysconfdir}/xinetd.d/*

%files server
%defattr(-,root,root)
%config
%dir /tftpboot
%{_sysconfdir}/xinetd.d/tftp
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
  - removed completely broken "Malta" patch.
  - integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
  - rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
  - rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
  - 0.33
  - Add /tftpboot directory (#88204)

* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
  - rebuilt

* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
  - add BuildPreReq on tcp_wrappers

* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
  - rebuilt

* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
  - Update to 0.32

* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
  - Fix #55789
  - Update to 0.30

* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
  - Try applying HJ's patch from #65476

* Fri Jun 21 2002 Tim Powers <timp@redhat.com>
  - automated rebuild

* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
  - Update to 0.29

* Thu May 23 2002 Tim Powers <timp@redhat.com>
  - automated rebuild
* Wed Jan 09 2002 Tim Powers <timp@redhat.com>
  - automated rebuild

* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
  - Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
  - Update to tftp-hpa-0.28 (bug #56131)
  - Remove include/arpa/tftp.h to fix #57259
  - Add resource limits in tftp-xinetd (#56722)

* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
  - Bump release + rebuild.

* Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
  - updated tftp-hpa source to tftp-hpa-0.17
  - tweaked specfile with different defines for tftp-netkit and tftp-hpa version
  - use hpa's tftpd.8 man page instead of the netkits one

* Mon May 07 2001 Helge Deller <hdeller@redhat.de>
  - rebuilt in 7.1.x

* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
  - fix tftp client's put problems (#29529)
  - update to tftp-hpa-0.16

* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
  - don't let configure to guess compiler, it can pick up egcs

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
  - changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
  - fixed hpa-tftpd to handle files greater than 32MB (#23725)
  - added "-l" flag to hpa-tftpd for file-logging (#26467)
  - added description for "-l" to the man-page

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
  - updated tftp client to 0.17 stable (#19640),
  - drop dependency on xinetd for tftp client (#25051),

* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
  - xinetd shouldn't wait on tftp (which forks) (#23923).

* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
  - fix to permit tftp put's (#18128).
  - startup as root with chroot to /tftpboot with early reversion to nobody
    is preferable to starting as nobody w/o ability to chroot.
  - %%%post is needed by server, not client. Add %%%postun for erasure as well.

* Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>
  - default to being disabled
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  - correct group.

* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
  - change user from root to nobody

* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
  - update to tftp-hpa-0.14 (#14003).
  - add server_args (#14003).
  - remove -D_BSD_SOURCE (#14003).

* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
  - cook up an xinetd config file for tftpd

* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
  - automatic rebuild

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  - FHS packaging.
  - update to 0.17.

* Fri May  5 2000 Matt Wilson <msw@redhat.com>
  - use _BSD_SOURCE for hpa's tftpd so we get BSD signal semantics.

* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
  - fix description

* Wed Feb  9 2000 Jeff Johnson <jbj@redhat.com>
  - compress man pages (again).

* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
  - man pages are compressed
  - fix description and summary

* Tue Jan  4 2000 Bill Nottingham <notting@redhat.com>
  - split client and server

* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.16.

* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.15.

* Wed Apr  7 1999 Jeff Johnson <jbj@redhat.com>
  - tftpd should truncate file when overwriting (#412)

* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
- auto rebuild in the new build environment (release 22)

* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>
- compile for 6.0.

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- build root

* Mon Apr 27 1998 Prospector System <bugs@redhat.com>
- translations modified for de, fr, tr

* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>
- added check for getpwnam() failure

* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>
- initial build

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Summary: The client for the Trivial File Transfer Protocol (TFTP).
Name: tftp
Version: 5.2
Release: 1
License: BSD
Group: Applications/Internet
Source0: http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz
BuildRequires: tcp_wrappers-devel
BuildRoot: %{_tmppath}/%{name}-root

%description
The Trivial File Transfer Protocol (TFTP) is normally used only for 
booting diskless workstations. The tftp package provides the user 
interface for TFTP, which allows users to transfer files to and from a 
remote machine. This program and TFTP provide very little security, 
and should not be enabled unless it is expressly needed.

%package server
Group: System Environment/Daemons
Summary: The server for the Trivial File Transfer Protocol (TFTP).
Requires: xinetd

%description server
The Trivial File Transfer Protocol (TFTP) is normally used only for 
booting diskless workstations. The tftp-server package provides the 
server for TFTP, which allows users to transfer files to and from a 
remote machine. TFTP provides very little security, and should not be
enabled unless it is expressly needed. The TFTP server is run from
/etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep
%setup -q -n tftp-hpa-%{version}

%build

%configure
make %{_smp_mflags}

%install
rm -rf ${RPM_BUILD_ROOT}
mkdir -p ${RPM_BUILD_ROOT}%{_bindir}
mkdir -p ${RPM_BUILD_ROOT}%{_mandir}/man{1,8}
mkdir -p ${RPM_BUILD_ROOT}%{_sbindir}
make INSTALLROOT=${RPM_BUILD_ROOT} \
   SBINDIR=%{_sbindir} MANDIR=%{_mandir} \
install
install -m755 -d ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp

%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
   /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
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* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>
  - initial build

Found in path(s):
  * /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp.spec

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Found in path(s):
  * /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/MCONFIG.in

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* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp/extern.h
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/common/tftpsubs.h

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*/

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* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.c

1.25 bcrypt 2.6 - golang
1.25.1 Available under license :

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1.26 pdksh 5.2.14

1.26.1 Available under license:

This is a partial history of this shell gleened from old change logs and readmes (most of which are still in the misc directory) and the source code. Hopefully it is correct and no contributors have been left out (file a bug report if you spot a problem :-)).

Release history:

* Eric Gisin (egisin@math.uwaterloo.ca), created pdksh, using Charles Forsyth's public domain V7 shell as a base; also used parts of the BRL shell (written by Doug A Gwyn, Doug Kingston, Ron Natalie, Arnold Robbins, Lou Salkind, and others?, circa '87; the parts used in pdksh included getopts, test builtin, ulimit, tty setting/getting, emacs editing, and job control; the test builtin was based on code by Erik Baalbergen).

'87.'89 ?
Released versions: .. 3.2
* John R MacMillan (@yonge.csri.toronto.edu:chance!john@sq.sq.com) takes over as maintainer
dates?
Released versions: 3.3 (?)
* Simon J. Gerraty (sjg@zen.void.oz.au) takes over as maintainer
Nov '91..July '94 ?
Released versions: 4.0 .. 4.9
* Michael Rendell (michael@cs.mun.ca) takes over as maintainer
  July, 1994
  Released versions: 5.0 .. 5.2

Major contributions:
* John R MacMillan (@yonge.csri.toronto.edu:chance!john@sq.sq.com), ?:
  cleaned up configuration, many bug fixes (see misc/Changes.jrm).
* Simon Gerraty, (sjg@zen.void.oz.au), Nov '91:?: much improved emacs mode
  ala at&t ksh, 386bsd port, sigaction routines for non-POSIX systems
  (see misc/ChangeLog.sjg and misc/ReadME.sjg).
* Peter Collinson (pc@hillside.co.uk), July '92: added select, at&t ksh
  style history file, original csh-style {} globbing, BSD/386 port,
  misc bug fixes.
* Larry Bouzane (larry@compusult.nf.ca), Mar '89..'93: re-wrote job control,
  added async job notification, added CPATH and other cd fixes, misc bug
  fixes.
* John Rochester (jr@cs.mun.ca), '87: wrote vi command line editor; various
  bug fixes/enhancements.
* Jeff Sparkes (jsparkes@bnr.ca), Mar '89..Mar '90: added arrays,
  merged John Rochester's vi code into pdksh, misc bug fixes.
* Michael Haardt (u31b3hs@POOL.Informatik.RWTH-Aachen.DE), Sept '94:
  organized man page, filled in many of its copious blank spots; added
  KSH ifdefs.
* Dale DePriest (daled@cadence.com): ported to OS/2 (initially based on
  port of pdksh4.9 to OS/2 by Kai Rommel (rommel@ars.muc.de)); maintains
  OS/2 port; misc bug fixes.

Other contributors:
* Piercarlo Grandi (pcg@aber.ac.uk), Dec '93: fixes for linux port
* Neil Smithline (Neil.Smithline@eng.sun.com), Aug '92: emacs-style
  filename completion.
* Mike Jetzer [mlj] (jetzer@studsys.mscs.mu.edu), ?:Nov '94: fixes for vi
  mode (see misc/Changes.mlj), added v to vi, fixes for history; fixed
  command redoing in vi; fixes to vi globbing.
* Robert J Gibson: mailbox checking code that was adapted for pdksh by
  John R. MacMillan.
* ?: (guy@demon.co.uk), ?: promptlen() function.
* J.T. Conklin (jtc@cygnus.com): POSIXized test builtin; miscellaneous
  fixes/ enhancements.
* Sean Hogan (sean@neweast.ca): fixes for ICS 3.0 Unix, found and helped
  fix numerous problems.
* Gordan Larson (ohh@approve.se): fix to compile sans VI, ksh.1 typo.
* Thomas Gellekum (thomas@ghpc8.ihf.rwth-aachen.de): fixes for Makefile
  typos, fixed CLK_TCK for FreeBSD, man page fixes.
* Ed Ferguson (Ed.Ferguson@dseg.ti.com): fix to compile sans VI.
* Brian Campbell (brianc@qnx.com): fixes to compile under QNX and
  to compile with dmake.
* (guy@netapp.com), Oct '94: patch to use gmacs flag.
* Andrew Moore (alm@netcom.com): reported many bugs, fixes.
* William Bader (wbader@csee.lehigh.edu): fix to compile on SCO Unix
  (strut winsize).
* Mike Long (mike.long@analog.com): makefile fix - use $manext, not 1.
* Art Mills (aem@hpbs9162.bio.hp.com): bug fix for vi file completion in
  command mode.
* Tory Bollinger (tboll@authstin.ibm.com): allow ~ in vi mode to take
  a count.
* Frank Edwards (<crash@azhrei.eec.com>): added macros to vi (@char).
* Fritz Heinrichmeyer (<Fritz.Heinrichmeyer@FernUni-Hagen.de>): fixes
  to allow compile under Linux 1.4.3.
* Gabor Zahemszky (<zgabor@co.de.hu>): SVR3_PGRP vs SYSV_PGRP, many
  bug reports and man page fixes.
* Dave Kinchlea (<kinch@julian.uwo.ca>): DEFAULT_ENV patches.
* Paul Borman (<prb@bsdi.com>): _j_exit: send HUP, then CONT; HUP fg process.
* David W. Sanderson (<dws@ssec.wisc.edu>): patches to allow { .. } instead
  of in .. esac in case statements.
* ? (<ra@rhi.hi.is>): partial patches to handle SIGWINCH for command line
  editing.
* Jason Tyler (<jason@nc.bhpese.oz.au>): fixes for bugs in fc.
* Stefan Dalibor (<Stefan.Dalibor@informatik.uni-erlangen.de>): fix for
  COLUMNS never being set in x_init().
* Arnon Kanfi (<arnon@gilly.datatools.com>): fix for prompt.
* Marc Olzheim (<marcolz@stack.nl>): patches to ifdef KSH the mail check
  code and aliases; enum patches for old K&R compilers; handle missing dup2.
* Lars Hecking (<lhecking@nmrc.ucc.ie>): fixes so shell compiles as sh
  again.
* Bill Kish (<kish@browncow.com>): added prompt delimiter hack for
  hidden characters (eg, escape codes).
* Andrew S. Townley (<atownley@informix.com>): fixes for NeXT machines:
  get a controlling if one needed, use correct profile.
* Eric J. Chet (<ejc@bazzle.com>): fix for core dump in . (quitenv() called
  too soon).
* Greg A. Woods <woods@most.weird.com>: fix to make ^[ in emacs work
  as in at&t ksh.
* George Robbins <grr@shandakor.tharsis.com>: fix for sh mode to
  keep exec'd file descriptors open.
* George White <gwhite@bodnext.bio.dfo.ca>: fix here-doc problem under OS2
  (memory allocated incorrectly).
* David E. Wexelblat <dwex@DataFocus.com>: fix to avoid memory overrun
  in aresize(); fix to not print un-named options.
* Clifford Wolf (<clifford@clifford.at>): fix memory overrun in aresize();
  fixed sys_siglist[] problem.
* Theo de Raadt (<derraadt@cvs.openbsd.org>): allow ". /dev/null".
* Eric Youngdale (<ericy@datafocus.com>): flag field incorrectly changed
  in exec.c (flushcom).
* Todd. C. Miller (Todd.C. Miller <Todd.Miller@courtesan.com>): fix
  for coredump in jobs.
* Kevin Schoedel <schoedel@kw.igs.net>: fix for word location in file completion.
* Martin Lucina <mato@kotelna.sk>: fix for argument parsing in exit command, fix for KSH_CHECK_H_TYPE.
* Mark Funkenhauser <mark@interix.com>: added $LINENO support.
* Corinna Vinschen <Corinna@Vinschen.de> and Steven Hein <ssh@sgi.com>: port to cygwin environment on win95/winnt.
* Martin Dalecki <dalecki@cs.net.pl>: changes for 8 bit emacs mode.
* Dave Hillman <daveh@gte.net>: patch for bug in test -nt.

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That's it. Short and simple.

1.27 kmod 18+git0+ae58de0fcb
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1.32 json-c 0.12
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1.33 cjson 1.7.3

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1.34 cffi 1.14.5
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1.35 containerd 18.05.0-ce+gitf150324782643a5268a04e7d1a
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package spec

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a

type License struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
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Protocol Buffers for Go with Gadgets

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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**1.37 libsgutils 1.4.2**

**1.37.1 Available under license :**

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Douglas Gilbert
10th April 2012
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  * Detect whether zlib is new enough in configure script.
  * Fixes for Solaris 10 32/64-bit confusion.
Evan Jones <evanj@mit.edu>
* Optimize Java serialization code when writing a small message to a stream.
* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
* Clean up some Java warnings.
* Fix bug with permanent callbacks that delete themselves when run.

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* Added CodedInputStream.getTotalBytesRead().
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* Fixed m4/acx_pthread.m4 problem for some Linux distributions.
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* Fixed detection of sched_yield on Solaris.
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* Fixed minor IBM xIC compiler build issues
* Added atomicops for AIX (POWER)

1.40 go 1.15.3

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abstract: 'Build and install Perl modules'
author:
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- "Development questions, bug reports, and patches should be sent to the
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  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
  license: http://dev.perl.org/licenses/
  repository: http://github.com/dagolden/module-build/
  version: 3

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#!/perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

test.pl

use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) { skip_all( "Not all files are available during cross-compilation" ); }
my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', '../README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
    local $/ = "";
    my $copyright_msg = <$readme>;

    my ($year) = $copyright_msg =~ /.*\b(\d{4,})\b/;  
    or die "Year not found in README copyright message '$copyright_msg'";

    $year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{
    my $output = runperl switches => \['-v'\];
    my ($year) = $output =~ /\b\d{4,}\b/;  
    or die "Copyright statement not found in perl -v output '$output'";


1.47 libgcrypt 1.7.3

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Send patches to sysvinit-devel@nongnu.org

The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
* 
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
* public domain.
1.55 gzip 1.6

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1.56 zlib 1.2.3

1.56.1 Available under license:

/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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1.57 inetutils 1.9.2
1.57.1 Available under license:

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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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  jar/io/fabric8/forge/kubernetes/NamespaceSet.java
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1.74 protobuf 3.6.1-2.ph3

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  * Added atomicops for Solaris
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1.75 busybox 1.23.1

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to 
distribute the source code, even though third parties are not 
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the 
Library, but is designed to work with the Library by being compiled or 
linked with it, is called a "work that uses the Library". Such a 
work, in isolation, is not a derivative work of the Library, and 
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library 
creates an executable that is a derivative of the Library (because it 
contains portions of the Library), rather than a "work that uses the 
library". The executable is therefore covered by this License. 
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file 
that is part of the Library, the object code for the work may be a 
derivative work of the Library even though the source code is not. 
Whether this is true is especially significant if the work can be 
linked without the Library, or if the work is itself a library. The 
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data 
structure layouts and accessors, and small macros and small inline 
functions (ten lines or less in length), then the use of the object 
file is unrestricted, regardless of whether it is legally a derivative 
work. (Executables containing this object code plus portions of the 
Library will still fall under Section 6.)

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.

6. As an exception to the Sections above, you may also compile or 
link a "work that uses the Library" with the Library to produce a 
work containing portions of the Library, and distribute that work 
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modification of the work for the customer's own use and reverse 
engineering for debugging such modifications.

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copyright notice for the Library among them, as well as a reference 
directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:
a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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Appendix: How to Apply These Terms to Your New Libraries

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.77 libvirt 1.1.2

1.77.1 Available under license:

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Version 2.1, February 1999

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify
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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)
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.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
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a) Accompany the work with the complete corresponding
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Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 *
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
 * interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos
 * and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on
 * loss of link, and correctly re-enable PHY when link is
 * re-established. (put back CFG_PHYIE)
 *
 * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 *
 * R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
 *
 * Linux driver for the IDT77201 NICStAR PCI ATM controller.
 * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
 * see init_nicstar() for PHY initialization to change this. This driver
 * expects the Linux ATM stack to support scatter-gather lists
 * (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
 *
 * Implementing minimal-copy of received data:
 * IDT always receives data into a small buffer, then large buffers
 * as needed. This means that data must always be copied to create
 * the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
 * Fix is simple: make large buffers large enough to hold entire
 * SDU, and leave <small_buffer_data> bytes empty at the start. Then
 * copy small buffer contents to head of large buffer.
 * Trick is to avoid fragmenting Linux, due to need for a lot of large
 * buffers. This is done by 2 things:
 * 1) skb->destructor / skb->atm.recycle_buffer
 * combined, allow nicstar_free_rx_skb to be called to
 * recycle large data buffers
 * 2) skb_clone of received buffers
 * See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
* 
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* 
* M. Welsh, 6 July 1996
* 
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1.82 zeromq 4.2.5

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1.85 diffutils 3.3

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#!/bin/sh
# install - install a program, script, or datafile

scriptversion=2011-11-20.07; # UTC
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# This script is compatible with the BSD install script, but was written
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scriptversion=2012-06-27.10; # UTC

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<link rel="prev" href="compare_func.html" title="Comparison Function Signature Change" />
<link rel="next" href="sqlite_ver60.html" title="Updated SQLite Version" />
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</div>
</body>
</html>
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1.89 vixie-cron 1.4.11

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1.91 rng-tools 5
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1.92 Isof 4.87

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1.94 go-capability

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1.98 e2fsprogs 1.43

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*/

Index: tdbsa/tdb.c
===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
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That's all there is to it!
This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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distributed together with the EXT2 file system utilities, which are
otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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#
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1.100 grep 2.19
1.100.1 Available under license :
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*
* curve25519-donna: Curve25519 elliptic curve, public key function
*
* http://code.google.com/p/curve25519-donna/
*
* Adam Langley <agl@imperialviolet.org>
*
* Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>
*
* More information about curve25519 can be found here
* http://cr.yp.to/ecdh.html
*
* djb's sample implementation of curve25519 is written in a special assembly
* language called qasm and uses the floating point registers.
*
* This is, almost, a clean room reimplementation from the curve25519 paper. It
* uses many of the tricks described therein. Only the crecip function is taken
* from the sample implementation.
*/

1.117 systemd 3.2

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1.119 lua-cjson 2.1.0

1.119.1 Available under license :

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1.120 tcpdump 4.7.4
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1.122 go-md2man 2.0.0

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1.123 ghodss-yaml V1.0.0

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1.124 util-linux 2.24.0

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NR start  end  sectors  size  name  UUID
1     32  7679    7648 3.7M      8f8378c0-01
2    7680 16383    8704 4.3M      8f8378c0-02
5   7936 12799    4864 2.4M
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1.129 sysfsutils 2.1.0

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1.132 libgpg-error 1.12

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* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
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* Fixed minor IBM xlC compiler build issues
* Added atomicops for AIX (POWER)

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
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Thus, it is not the intent of this section to claim rights or contest
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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
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during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
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a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
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uses the Library", as object code and/or source code, so that the
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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
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will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

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specified materials from the same place.

e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.
In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library,
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This option is useful when you wish to copy part of the code of
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under the terms of Sections 1 and 2 above provided that you accompany
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must be distributed under the terms of Sections 1 and 2 above on a
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If distribution of object code is made by offering access to copy
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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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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.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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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_ENCIPHERMENT CK_TRUST    (varies)     
# CKA_TRUST_DATA_ENCIPHERMENT CK_TRUST    (varies)     
# CKA_TRUST_KEY_AGREEMENT CK_TRUST    (varies)     
# CKA_TRUST_KEY_CERT_SIGN CK_TRUST    (varies)     
# CKA_TRUST_CRL_SIGN CK_TRUST     (varies)     
# CKA_TRUST_SERVER_AUTH CK_TRUST    (varies)     
# CKA_TRUST_CLIENT_AUTH CK_TRUST    (varies)     
# CKA_TRUST_CODE_SIGNING CK_TRUST    (varies)     
# CKA_TRUST_EMAIL_PROTECTION CK_TRUST    (varies)     
# CKA_TRUST_IPSEC_END_SYSTEM CK_TRUST    (varies)     
# CKA_TRUST_IPSEC_TUNNEL CK_TRUST    (varies)     
# CKA_TRUST_IPSEC_USER CK_TRUST     (varies)     
# CKA_TRUST_TIME_STAMPING CK_TRUST   (varies)     
# CKA_TRUST_STEP_UP_APPROVED CK_BBOOL   (varies)    
# (other trust attributes can be defined)
#
#
# The object to tell NSS that this is a root list and we don't
# have to go looking for others.
#
# BEGIN_DATA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_BUILTIN_ROOT_LIST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Mozilla Builtin Roots"
#
# Certificate "GlobalSign Root CA"
#
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Serial Number:04:00:00:00:00:01:15:4b:5a:c3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
CKA_CLASS CK_OBJECT_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
060127061101306001100600311250040060230021102105061
0310600270060031125004012023002010715415711421411154
12315111471561040156116605516314110610200600116006003
125004013023007122157157164040103101061033060031
0060003125004003023022107154157114214115411231151147
1560401221571571640401031101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
060127061101306001100600311250040060230021102105061
0310600270060031125004012023002010715415711421411154
12315111471561040156116605516314110610200600116006003
125004013023007122157157164040103101061033060031
0060003125004003023022107154157114214115411231151147
1560401221571571640401031101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
0201300400000000000001025113132303224
END
CKA_VALUE MULTILINE_OCTAL
0602020031165060202002135240003002001002002013004
000000000000002511313230322406001150060111052206
110206367015001001005000006012706110130600111006
003125004060023002102105061031060027006003125004
0101203020107154157114214115412311511471560401156166
055116311410610206001600600311250040130230071122157
157116404010310106103306003101060031125004030230222
107154157114214115412311511471560401122157157164040
1031101060036027015071070600711060061061062060060
06606001320270150620706060106207061062060060060
060101320601270611030600110600312500400623002102
105061103106002700600311250040120230201071541571142
111154123115114715604015611660551631411061020060016
0060003125004013023007122157157164040103101061033
0600310060031250040030230221071541571142141154123
151114715604012215715716404010310106002001042060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\000\003\202 \\
\001\017\000\060\202\001\012\002\202\000\011\012\003\322\016\346\231 \\
\215\316\243\349\113\121\176\373\366\12\132\03\04\5\153\352\110\037 \\
\361\052\260\271\122\250\01\004\275\360\14\332\13\342\14\146\317\034 \\
\335\317\033\11\015\336\215\211\216\232\257\051\200\014\155253351 \\
\307\059\022\13\325\03\011\16\00\00\241\075\01\02\060\315\025\215 \\
\117\370\335\324\214\12\00\253\03\04\357\12\035\00\056\367\374\351 \\
\122\362\221\175\340\15\325\065\00\216\13\103\163\362\011\035 \\
\325\152\343\262\211\107\212\260\11\07\15\7\06\00\074\210\151\133\052 \\
\115\305\247\12\24\270\15\42\11\31\233\371\074\312\345\357\211\365 \\
\022\074\222\170\226\326\33\164\156\23\00\141\321\215\307\106 \\
\262\165\01\16\00\350\03\12\01\21\325\155\154\325\170\02\02\225\242\351 \\
\310\012\070\353\362\20\02\23\11\163\12\24\22\02\23\20\072\02\03\274 \\
\036\064\265\213\005\21\24\271\167\213\261\33\337\040\22\123\011 \\
\123\156\220\230\16\17\16\21\160\107\221\042\12\114\30\261\171 \\
\256\261\256\12\104\06\103\103\103\05\33\21\10\32\26\144\052 \\
\327\203\064\03\377\054\052\03\1154\031\10\12\207\02\034\73\231\174 \\
\366\041\11\053\352\362\36\22\223\17\11\20\00\03\01\000 \\
\001\12\43\10\10\06\100\106\00\1\25\035\01\17\101\001\377\004 \\
\004\003\00\200\10\060\00\01\07\06\00\31\25\035\02\001\001\377\004 \\
\005\060\00\301\001\01\01\377\060\035\060\031\25\035\014\00\04\026\004 \\
\024\140\173\14\063\2\105\15\227\31\21\11\20\057\175\009\3\150\064 \\
\250\037\373\379\11\130\060\105\006\01\105\20\266\11\020\036\7\015\001 \\
\001\005\005\000\00\03\02\200\01\001\003\32\16\34\01\7\17\166\320 \\
\215\277\354\272\22\24\276\064\20\02\265\17\343\71\152\234\054 \\
\053\275\01\12\36\12\377\13\136\25\29\21\11\102\066\34\01\024\326 \\
\312\075\141\11\332\11\106\01\263\076\30\240\343\143\125\033\362 \\
\272\357\325\55\01\13\141\03\271\07\043\346\057\21\12\046\07\3\357\240 \\
\120\126\363\13\060\12\375\070\13\154\040\13\160\12\22\227\230\004 \\
\337\303\137\224\325\02\31\10\24\10\234\304\135\165\144\025\015 \\
\377\125\060\035\20\26\21\7\377\01\13\357\054\271\143\106\366\252\327 \\
\337\274\151\375\056\022\11\144\232\340\225\360\246\357\012\117 \\
\001\126\025\265\01\04\035\245\376\15\054\15\044\170\036\263\247 \\
\034\161\14\235\360\12\31\10\275\240\21\352\12\32\03\070\206\015 \\
\052\030\126\06\125\320\147\21\12\05\03\371\0154\246\135\106\235 \\
\014\252\20\234\231\11\13\35\160\267\333\12\075\14\144\152\341 \\
\134\326\366\076\075\336\10\13\140\07\256\143\122\277\123\123\364 \\
\053\351\037\357\266\367\20\13\205\322\101\103\033\320\12\263\004 \\
\034\030\037\244\200\157\025\040\311\336\014\210\012\03\5\326\146 \\
\125\342\374\11\103\11\051\046\151\340 \\

END 

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUPT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUPT_AFTER CK_BBOOL CK_FALSE

# 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:c3:94

Open Source Used In Telstar 7.6.2 2168
# 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_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\261\274\226\213\324\364\235\142\052\250\232\201\362\025\001\122
\244\035\202\234
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\105\122\025\011\121\222\341\267\135\067\237\261\207\051\212
END
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\03\060\027\006\003\125\004\012\239\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\060\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\001\025\113\132\303\224
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Verisign Class 1 Public Primary Certification Authority - G3"
#
# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU=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_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
0620620600700606060060600606006060000000
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:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject: CN=Verisign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\040\102\205\334\367\353\166\101\1225\127\160\023\153\324\267\321\1351\161\1060\245
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\261\107\274\030\127\321\030\240\170\055\354\161\1350\052\225\163
END
CKA_ISSUER_MULTILINE_OCTAL
\060\201\131\206\101\13\060\011\006\003\125\004\006\023\002\125\123\061\107\206\009\025\006\003\125\004\012\203\101\126\145\162\151\123\151\147\156\054\040\111\156\143\030\066\037\060\035\006\003\125\004\013\023\102\126\145\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145\167\157\162\153\061\072\060\070\006\000\125\004\130\130\130\130\050\143\050\104\006\107\071\071\071\040\126\145\162\151\15\147\156\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\013\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END

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

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

# Certificate "Verisign Class 2 Public Primary Certification Authority - G3"
#
# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,O="(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,O="(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 CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\103\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\026\061\050\143\051\040\060\107\017\017\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\013\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
Open Source Used in Telstar 7.6.2

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\300\103\016\010\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\011\115\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\162\151\153\061\072\060\070\006\003
\125\004\013\023\060\050\143\051\040\061\071\071\071\040\126\165
\162\151\123\151\147\156\054\040\111\156\143\035\060\054\000
\060\015\006\003\125\004\003\023\074\126\145\162\151\150\141\163\164
\163\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\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\055\040\107\063
END

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

CKA_VALUE MULTILINE_OCTAL
\060\202\004\031\060\020\020\003\001\002\020\141\160\313\111\214\137
\230\051\147\260\246\331\120\133\172
\103\020\367\015\001\005\005\000\060\020\132\061\013\060\011
\060\003\125\004\006\023\002\125\123\061\027\060\025\006\003\125
\004\012\023\016\126\145\162\151\123\151\147\156\054\040\111\156
\143\056\061\137\060\035\006\003\125\004\013\023\026\126\145
\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\013\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063

Open Source Used In Telstar 7.6.2 2174
# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",O="VeriSign, Inc.",C=US
# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",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
\141\357\103\327\177\312\324\141\121\274\230\340\303\131\022\257
\237\353\143\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\276\304\141\304\42\311\250\106\164\213\270\035\036\112\053\366
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\127\060\025\006\003\125\004\012\023\161\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\010\130\023\061\050\143\051\107\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\104\010\134\145\162\164\151\146\151\134\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\141\160\031\111\214\137\230\105\051\347\260\246\331\120
\133\172
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Entrust.net Premium 2048 Secure Server CA"
#
# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Serial Number: 946069240 (0x3863def8)
# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Not Valid Before: Fri Dec 24 17:50:51 1999
# Not Valid After : Tue Jul 24 14:15:12 2029

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\161\165\163\164\056\156\145\164\061\100\060\076\006\031\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\104\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\100\060\031\125\004\031\23\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\161\165\163\164\056\156\145\164\061\100\060\076\006\031\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\104\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\100\060\031\125\004\031\23\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\070\143\336\370
END

CKA_VALUE MULTILINE_OCTAL
# 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)

CKA_CLASS CK_OBJECT_CLASS 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\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
Open Source Used In Telstar 7.6.2  2180

# 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

END
"Baltimore CyberTrust Root"

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

Serial Number: 33554617 (0x20000b9)

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

CKA_CERT_MD5_HASH MULTILINE_OCTAL

CKA_ISSUER MULTILINE_OCTAL
# 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

# Certificate Authority

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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

# Certificate Authority

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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 "Entrust Root Certification Authority"

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END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\020\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\107\106\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\013\023\026\050\143
\051\040\062\060\060\060\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\020\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\107\106\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\013\023\026\050\143
\051\040\062\060\060\060\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171

END
# 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)

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
# 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\371
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL \326\245\303\355\135\335\076\000\030\075\207\222\037\035\077\344
END
CKA_ISSUER MULTILINE_OCTAL \060\201\260\061\103\060\001\11\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\11\156\143\056\061\071\060\067\006\003\125\004 \013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156 \145\164\057\103\120\123\040\151\163\040\015\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\066\003\125\004\013\023\026\050\143 \051\040\062\060\060\060\040\105\156\164\162\165\163\164\054\040 \111\156\143\056\061\055\060\053\006\033\125\004\003\023\044\105 \156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164 \151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162 \151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL \002\004\105\153\120\124
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certum Root CA"
#
# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Serial Number: 65568 (0x10020)
# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Not Valid Before: Tue Jun 11 10:46:39 2002
# Not Valid After : Fri Jun 11 10:46:39 2027
Open Source Used In Telstar 7.6.2  2187


CKA_CLASS CK_OBJECT_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
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
END
CKA_VALUE MULTILINE_OCTAL
END
\360\244\127\200\245\200\270\217\270\355\105\366\156\356\045\135\252\156
\071\276\334\223\057\331\107\240\162\353\237\246\133\125\317\312\123
\077\342\016\306\222\126\202\11\156\367\353\11\146\251\046\330\177\225
\12\355\012\205\210\272\11\245\10\22\14\1\36\266\374\205\040
\000\252\150\013\241\103\20\001\234\304\106\143\022\201\026\042
\261\135\367\262\106\131\176\317\065\50\43\325\266\332\135\367\110
\06\30\24\22\26\35\33\115\36\31\20\36\25\33\33\32\226\073
\035\31\00\20\00\01\23\00\01\23\00\22\02\06\06\06\00\31\25
\035\02\00\10\23\77\04\00\05\06\00\03\00\11\37\77\06\01\15\06\00\11
\05\20\06\11\02\06\36\77\01\01\00\01\00\05\06\00\00\32\20\01\00\01\000
\270\215\316\357\347\02\24\27\13\35\26\01\14\22\15\42\26\07\11\076
\24\20\156\255\250\270\04\11\16\32\32\24\16\7\20\20\7\34\04\01\10\201
\35\63\42\37\00\12\26\17\43\31\02\27\06\76\31\16\6\04\03\40\00\32
\114\353\075\252\147\157\055\32\43\15\37\6\145\06\16\03\05\03\246
\00\20\12\27\21\14\01\17\15\55\13\03\02\23\21\11\176\14\02\13\15\33\43
\072\30\05\25\4\25\30\73\12\6\35\00\32\03\11\1\21\4\02\20\03\30\06\043\40
\30\50\53\34\03\26\6\14\02\24\04\7\15\4\06\21\6\17\2\14\24\27\26\1\22\230
\317\13\1\31\35\07\27\2\31\10\04\12\02\24\32\6\12\7\37\34\04\05\15\32\25
\035\34\5\20\02\20\31\6\00\31\24\05\00\7\6\36\7\07\30\32\23\07\34\03\40
\02\20\37\22\23\02\33\03\07\02\24\04\3\20\31\1\3\3\4\03\7\32\1\20\24\7\171
\345\11\12\34\30\01\25\25\01\35\32\07\32\6\1\35\20\02\24\4\32
\36\22\74\15\6\14\04\3\13\02\6\22\03\05\01\17\05\31\02\22\05\30\16\14\01\17\05\161
\073\36\6\3\10\10\36\04\15\11\57\02\5\36\2\1\16\2\0\03\36\2\3\14\02\12
\25\63\75\00\23\32\22\25\01\11\14\03\33\33\27\14\06\33\23\26\1\151
\35\50\10\12\11\10\01\15\20\1\06\31\2\05\14\9\02\05\14\22\4\054
\30\01\14\05\02\23\30\05\12\10\03\36\01\35\21\04\4\35\00\06\02\26\05\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 Certificate "Certum Root CA"
# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Serial Number: 65568 (0x100020)
# 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\263\317\064\26\16\006\102
\12\12\261\010\30
END
# 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

# Certificate "Comodo AAA Services root"

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

CKA_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\022\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\002\001\001
END
# 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)
# 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\1361\140027
\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\010\130\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\1032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\157\155\157\144\157\040
\143\141\164\145\040\123\145\162\166\151\143\145\163
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "QuoVadis Root CA 2"
#
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Serial Number: 1289 (0x509)
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 18:27:00 2006
# Not Valid After : Mon Nov 24 18:23:33 2031
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
# 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_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

END

OPEN SOURCE USED IN TELSTAR 7.6.2 2195
# 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
CK_A_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063

END
CKA_ID UTF8 "0"

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

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\030

END

CKA_VALUE MULTILINE_OCTAL
\060\202\006\235\060\202\004\205\240\003\002\001\002\002\002\005
\306\060\015\005\022\206\110\206\367\015\001\001\005\005\000
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062

END

Open Source Used In Telstar 7.6.2 2196
Open Source Used In Telstar 7.6.2  2197
ORKAGE_UNUSED_URUS_7.6.2  2199

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# 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_CERT_SHA1_HASH MULTILINE_OCTAL
\037\111\024\367\330\164\225\035\335\256\002\300\276\375\072\055
\202\165\121\205
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\061\205\074\142\224\227\143\271\252\375\211\116\257\157\340\317
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\036
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\011\006\003\125\004\006\023\002\112\120\061
\030\062\060\006\003\125\004\012\023\017\123\105\033\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\104\010\13\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\062\060\006\003\125\004\012\023\017\123\105\033\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\104\010\13\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\132\060\022\020\010\240\003\002\001\002\002\001\000
\060\015\006\011\052\026\110\206\367\015\001\001\005\005\000\060
\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061\030
\060\026\006\003\125\004\012\023\017\123\105\033\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\104\010\13\157\155\155
\156\155\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\106\106\036\027\015\056\063\060\071\063\060\060\064\062\060\064\071
\132\060\120\060\013\060\011\006\003\125\004\006\023\002\112\120
\061\103\006\026\006\003\125\004\012\023\017\123\105\103\117\115
\040\012\14\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\104\010\13\157
\155\155\156\151\143\141\164\151\157\156\040\122\157\157\164\104
\103\110\106\106\020\020\010\042\060\015\006\011\052\206\110\206\367
\015\012\001\000\001\005\000\03\020\111\107\110\060\206\020\112\120
\02\020\001\000\026\032\037\171\14\13\155\152\135\026\174\127\245
\014\155\156\12\025\71\13\277\144\373\114\135\12\136\363\051\174
\365\73\35\052\234\035\135\127\133\144\042\232\232\157\054\072
\046\151\121\005\231\104\34\325\034\152\161\130\6\232\175\036\235
\335\174\154\306\124\147\147\12\076\370\16\12\60\031\047\251\011
\014\246\225\277\113\214\014\372\125\230\0073\330\350\0042\241\113
\161\070\171\254\227\222\151\263\211\176\352\0041\150\0066\230\024
\226\207\322\141\066\274\155\047\126\236\127\356\300\300\126\375
\062\231\244\331\121\302\043\327\215\250\363\300\045\254\227\344
\160\070\364\266\072\264\235\073\227\046\103\243\241\274\111\113
\162\21\043\030\060\207\001\130\366\162\276\034\150\126\146\257\315
\101\135\101\263\115\052\125\106\253\037\332\036\342\100\075\333
\315\175\272\122\200\234\067\335\014\226\144\143\334\042\367\144
\21\33\141\13\336\025\241\112\250\240\175\122\31\113\250\041\131
\306\261\135\333\023\225\140\321\107\360\025\160\370\337\31\115
\176\354\326\372\253\331\127\51\177\124\362\245\351\171\372\331\132
\166\044\050\163\002\003\001\000\010\243\077\060\075\060\035\006
\003\125\035\016\004\026\004\024\240\163\111\231\115\033\34\205\133
\145\343\233\050\057\127\237\275\063\274\007\110\060\013\006\003
\125\035\017\004\004\003\002\001\006\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\015\006\011\052\206
\110\02\06\367\015\001\001\005\050\000\003\020\001\001\000\100\100
\251\125\270\273\44\17\135\171\263\052\65\027\263\140\023\353\306
\122\135\340\321\323\152\276\373\276\233\155\277\307\005\155\131
\040\030\034\360\267\332\204\130\021\143\372\110\206\357\17\245
\103\367\112\230\072\273\036\323\255\107\153\134\316\010\107\353
\122\077\170\234\257\115\256\370\325\117\173\212\23\052\200\101
\071\122\304\335\331\233\016\357\223\001\125\262\206\312\150\102
\044\102\154\260\263\072\076\131\353\132\110\304\025\313\351\371
\007\017\222\120\111\212\335\061\227\137\31\135\067\252\037\131
\145\227\224\062\321\126\237\076\072\142\120\305\111\125\142\016
\161\125\062\252\057\306\211\166\103\100\023\023\147\075\242\124
\045\020\313\161\072\362\331\137\323\333\111\126\273\246\376\247\101
\065\303\340\210\141\131\210\307\337\066\020\042\230\131\135\260
\112\273\126\026\163\156\254\115\367\024\211\177\255\035\172\055
\105\047\345\060\311\136\362\332\023\313\304\102\121\225\107\003
\124\154\041\134\164\102\355\123\377\063\213\217\017\127\001\026
\057\317\124\063\311\160\042\024\275\375\276\154\101\3003
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 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

Open Source Used In Telstar 7.6.2  2201
# 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\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\103\023\361\123\145\143\165\162\151\164\171\104\103\157\155
\155\165\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_TRACE_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRACE_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRACE_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRACE_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# 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
\132\376\113\175\003\267\347\130\276\306\062\116\164\036\150\335
\250\150\133\263\076\356\142\175\331\200\350\012\165\172\267\356
\264\145\232\041\220\340\252\320\230\274\070\265\163\074\213\370
\334
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_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\061\060\060\060\060\060\132
END

CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\000\125\004\012\230\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
\103\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\000\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Camerfirma Global Chambersign Root"
#
# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:14:18 2003
# Not Valid After : Wed Sep 30 16:14:18 2037
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Global Chambersign Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\175\061\013\060\001\000\060\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\010\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\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\175\061\013\060\001\110\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\010\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\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
Open Source Used In Telstar 7.6.2

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerefirma Global Chambersign Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\063\233\153\024\120\044\233\125\172\001\207\162\204\331\340\057
\303\322\330\351
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\346\173\277\006\320\117\103\355\304\172\153\031
END

CKA_ISSUER MULTILINE_OCTAL
\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\104\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\100\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\104\006
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END

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

#
# Certificate "XRamp Global CA Root"
#
# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services
# Inc,OU=www.xrampsecurity.com,C=US
# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services
# Inc,OU=www.xrampsecurity.com,C=US
# Not Valid Before: Mon Nov 01 17:14:04 2004
# Not Valid After : Mon Jan 01 05:37:19 2035
# Fingerprint (MD5): A1:0B:44:B3:CA:10:D8:00:6E:9D:0F:D8:0F:92:0A:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "XRamp Global CA Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

Open Source Used In Telstar 7.6.2 2209
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\060\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\63\040\111\156\143\163\146\061\055\050\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\060\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\63\040\111\156\143\163\146\061\055\050\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217\240\255
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\060\060\020\020\030\240\003\002\001\002\002\020\120
\224\154\354\030\352\325\234\115\325\227\357\165\217\240\255\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\020
\202\061\013\060\011\060\003\125\004\006\023\002\125\123\061\036
\060\034\006\003\125\004\013\023\025\167\167\167\056\170\162\141
\155\160\163\145\143\165\162\151\164\171\056\143\157\155\061\044
\060\042\006\003\125\004\012\023\033\130\122\141\155\160\040\123
\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\111\156\143\061\055\060\053\006\003\125\004\003\023\044\130
\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_ISSUER MULTILINE_OCTAL
\060\202\004\060\060\020\020\030\240\003\002\001\002\002\020\120
\224\154\354\030\352\325\234\115\325\227\357\165\217\240\255\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\020
\202\061\013\060\011\060\003\125\004\006\023\002\125\123\061\036
\060\034\006\003\125\004\013\023\025\167\167\167\056\170\162\141
\155\160\163\145\143\165\162\151\164\171\056\143\157\155\061\044
\060\042\006\003\125\004\012\023\033\130\122\141\155\160\040\123
\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\111\156\143\061\055\060\053\006\003\125\004\003\023\044\130
\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217\240\255
END
CKA_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 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
# 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\245\101\004\317\060\124\363\114\122
\267\345\130\306
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\241\013\104\263\312\120\320\000\156\235\017\330\017\222\012\321
END
CKA_ISSUER MULTILINE_OCTAL
\060\021\020\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\156\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\012\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\033\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217
\240\255
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Go Daddy Class 2 CA"
CKA_CLASS CK_OBJECT_CLASS 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_CLASS CK_OBJECT_CLASS 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
047226272346077030001342167046033240327167160002
217040356344
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\221\336\006\045\253\322\375\062\027\014\273\045\027\052\204\147
END
CKA_ISSUER MULTILINE_OCTAL
0601430601013060011006003112500400600230021125123061
0410600370060031125004012230301241150145040107115
040104114114414417104010711621157116511600540401111156
14305601010106005700600311250040130230501071157040
104114114414417104010311541411163163040620401103145
1621164115114601511143114116401511157115604001011116511641150
11571162115111641171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
002001000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Certificate "Starfield Class 2 CA"

# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Serial Number: 0 (0x0)
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After: Thu Jun 29 17:39:16 2034

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Class 2 CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END

CKA_ID UTF8 "0"

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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END

CKA_VALUE MULTILINE_OCTAL
\060\202\004\017\060\022\002\367\240\003\002\001\002\002\001\000
\060\015\006\011\005\206\110\206\367\015\001\001\005\005\000\060
\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151\145
\154\144\040\124\145\130\156\157\154\157\147\151\145\163
\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END
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)
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After : Thu Jun 29 17:39:16 2034
CKA_CLASS CK_OBJECT_CLASS 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
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\062\112\113\127\014\143\151\233\276\164\232\306\335\035\060\044
END

CKA_ISSUER_MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\233\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\010\165\164\150\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END

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

# Certificate "DigiCert Assured ID Root CA"

# Issuer: CN=DigiCert Assured ID Root CA, OU=www.digicert.com, O=DigiCert Inc, C=US
# Serial Number: 0c:e7:e0:e5:17:d8:46:fe:8:e5:60:fc:1b:f0:30:39
# Subject: CN=DigiCert Assured ID Root CA, OU=www.digicert.com, O=DigiCert Inc, C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After: Mon Nov 10 00:00:00 2031
CKA_CLASS
CK_OBJECT_CLASS
CKO_CERTIFICATE
CKA_TOKEN
CK_BBOOL
CK_TRUE
CKA_PRIVATE
CK_BBOOL
CK_FALSE
CKA_MODIFIABLE
CK_BBOOL
CK_FALSE
CKA_LABEL
UTF8 "DigiCert Assured ID Root CA"
CKA_CERTIFICATE_TYPE
CK_CERTIFICATE_TYPE
CKC_X_509
CKA_SUBJECT
MULTILINE_OCTAL
0601450610130601010006003112500400060230021125123061
025060023006003112500401202301401041511471511031145
1621640401111156143061031060027006003125004013023
0201671671670561441511471511431451621640561431157
155061044060042000600311250040030230331041151147151
103114516216404011111631165116211451440401111104040
112215711571640401031101
END
CKA_ID
UTF8 "0"
CKA_ISSUER
MULTILINE_OCTAL
0601450610130601010006003112500400060230021125123061
025060023006003112500401202301401041511471511031145
1621640401111156143061031060027006003125004013023
0201671671670561441511471511431451621640561431157
155061044060042000600311250040030230331041151147151
103114516216404011111631165116211451440401111104040
112215711571640401031101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
00202001434733403345027333010637621733451403740333360
060071
END
CKA_VALUE
MULTILINE_OCTAL
06020200002370602202237240003002001002002020014
347340334502733010637621733451403740333360060071060
01500060110520206110206367011500110010050000000000145
061013060001100600311250040060230021125123061025060
023006003112500401202301401041511471511031145162164
Open Source Used in Telstar 7.6.2

2220
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 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:8e:50:fc:1b:f0:39
# 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

END

# Open Source Used In Telstar 7.6.2
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "DigiCert Global Root CA"

# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:08:3B:05:60:60:60:00:00:00:00:00:00:00:00:00:00:00:00:00:00
# 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 CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\000\03\125\004\012\023\014\104\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\167\167\167\167\167\167\167\167\167\167
\155\061\040\006\003\060\000\03\125\004\003\023\027\04\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\000\03\125\004\012\023\014\104\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\167\167\167\167\167\167\167\167\167\167
\155\061\040\006\003\060\000\03\125\004\003\023\027\04\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\073\340\220\102\106\261\241\165\152\311\131\221\307\112
END
CKA_VALUE MULTILINE_OCTAL
\060\020\003\257\060\202\002\227\240\003\002\001\002\020\0010
\073\340\126\220\102\106\261\241\165\152\311\131\221\307\120\060
\015\006\011\052\206\110\206\367\015\001\001\005\000\000\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\060\120\050\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
# 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
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 "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_LABEL UTF8 "DigiCert High Assurance EV Root CA"
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
\342\300\020\127\270\310\166\022\221\125\362\110\151\330\274\052
\002\133\017\104\324\040\061\333\364\272\160\046\135\220\140\236
\274\113\027\011\057\26\313\036\103\150\311\007\047\30\132\214
\367\352\041\271\150\022\234\074\234\277\236\374\200\134\233\143
\315\354\107\252\045\047\147\240\067\363\000\20\175\124\327\251
\370\351\056\023\243\167\350\037\112
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER VK_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\342\131\333\255\014\114\232\346\323\217\032
\141\307\334\045

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\324\164\336\127\134\071\262\323\234\205\203\305\300\145\111\121

END

CKA_ISSUER MULTILINE_OCTAL
\060\154\060\101\136\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\230\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\270\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\060\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\02\254\134\046\152\013\100\233\217\013\171\362\256\106
\045\167

END

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

Open Source Used In Telstar 7.6.2  2227
# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\111\061\013\060\006\003\125\000\004\006\023\002\103\110\061\025\060\023\006\003\125\000\014\123\167\151\163\163\123\151\147\156\040\010\107\061\043\060\041\006\003\125\000\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\017\062
END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\111\061\013\060\006\003\125\000\004\006\023\002\103\110\061\025\060\023\006\003\125\000\014\123\167\151\163\163\123\151\147\156\040\101\107\061\043\060\041\006\003\125\000\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\017\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\116\062\000\147\014\003\135\117
END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\301\060\202\003\251\240\003\002\001\002\002\010\116
\126\200\147\014\003\135\117\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\111\061\013\060\011\006\003\125\004
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014
\123\167\151\163\163\123\151\147\156\040\101\107\061\043\060\041
\006\003\125\040\003\023\032\123\167\151\163\163\123\151\147\157
\104\012\105\141\116\151\156\155\040\103\101\040\055\040\017
\062\060\036\027\015\060\066\061\060\062\065\060\070\063\066\060
\060\132\027\015\063\066\061\060\062\065\060\070\063\066\060
\132\060\116\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

Open Source Used In Telstar 7.6.2 2228
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 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
# 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

```plaintext
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold CA - G2"

END
```
# 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
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 "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
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145\162\040\103\101\040\055\040\107\062 END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145\162\040\103\101\040\055\040\107\062 END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\117\033\324\057\124\273\057\113 END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\275\060\202\003\245\240\003\002\001\002\002\010\117\033\324\057\124\273\057\113\060\015\156\040\101\107\061\041\060\037\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

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\120\054\137\137\142\141\215\206\152\151\030\014\164\111\132\261\135
\204\352\101\112\030\157\130\255\120\126\040\152\303\267\050\0151
\130\221\334\222\102\1065\251\072\035\274\032\245\140\236\330\037
\177\105\122\151\333\176\273\170\162\301\006\017\052\316\217\205
\160\111\254\240\315\013\270\071\051\126\204\062\116\206\273\075
\304\052\333\137\237\071\162\235\367\121\241\042\101\261\161\002\143
\032\202\260\142\253\136\127\022\037\337\313\333\165\240\300\135
\171\120\241\030\340\120\346\336\061\176\230\173\160\137\245\220
\330\255\370\002\266\157\323\140\335\100\113\042\035\075\255\072
\172\237\032\032\107\221\171\063\272\202\334\062\151\003\226\156
\037\113\360\161\137\643\147\162\240\261\177\134\213\344\372\231
\042\307\204\271\033\215\043\227\077\355\045\340\317\145\273\365
\141\004\357\335\036\262\132\101\042\132\241\237\135\054\350\133
\311\155\251\014\014\170\252\140\306\126\247\170\001\132\014\150\274
\151\031\171\034\037\176\227\005\277\305\351\044\121\136\324\345
\113\123\355\331\043\132\066\003\145\243\330\100\325\101\060\363
\106\033\205\220\257\145\265\325\261\344\026\133\170\165\035\227
\172\215\131\251\052\217\173\336\303\207\211\020\231\111\163\170
\310\075\275\121\065\164\052\325\361\176\151\033\052\273\073\275
\045\270\232\132\075\162\141\220\146\207\356\014\326\115\324\021
\164\013\152\376\013\003\374\243\125\127\211\376\122\313\256\133
\027\005\310\362\215\043\061\123\070\322\055\152\077\202\271\121
\010\152\363\136\101\164\156\033\021\176\007\254\051\140\221\077
\070\031\127\200\015\275\060\057\307\245\356\101\240\332\256\005
\207\232\240\244\145\131\114\011\104\211\127\220\332\271\300\223
\212\060\372\125\345\232\153\025\001\116\147\252\332\142\126\076
\204\010\146\322\304\066\175\247\076\020\374\210\340\324\200\0345
\000\275\252\363\116\006\243\172\152\371\142\162\343\013\173\353
\233\016\001\043\361\237\273\174\334\334\154\021\227\045\262\362
\264\133\024\323\006\052\147\214\023\365\316\352\007\330\232\152
\036\354\344\012\273\052\114\353\011\140\071\316\132\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
# Certificate "SecureTrust CA"

# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:31:18 2006
# Not Valid After : Mon Dec 31 19:40:55 2029

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureTrust CA"

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\103\110\061\025\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

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

END

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

END

CKA_ID UTF8 "0"
# Trust for Certificate "SecureTrust CA"
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# 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

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 "SecureTrust CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\207\202\306\303\004\065\073\317\322\226\222\322\131\076\175\014
\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
# 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

END
\052\206\110\206\367\015\001\001\005\000\003\202\001\001\000
\143\032\010\001\001\015\016\017\018\256\037\015\013
\121\026\003\035\030\017\014\034\032\025\015\002\024\014\002\012
\204\034\021\011\062\076\070\012\072\036\034\062\022\011\135\001\067\026
\253\044\024\040\025\016\222\065\132\112\014\016\011\016\127\372\165\316
\037\110\161\164\036\047\010\004\062\022\031\014\035\004\044\010
\027\263\122\245\333\024\022\121\017\067\032\157\047\010\072
\116\031\037\072\024\170\034\027\131\171\077\213\344\024\037\016
\043\325\046\017\130\151\347\071\167\262\320\021\151\222\277\051
\117\010\151\164\016\147\113\031\007\214\346\002\036\026\015\016
\210\032\017\020\051\060\024\031\032\007\121\000\012\030\033\250\037\012\171
\274\152\125\121\147\025\112\267\065\007\344\325\165\230\067\171
\060\024\033\033\051\123\15\143\030\151\134\107\25\242\060\036\073\341\134
\177\302\303\120\034\153\116\026\200\035\172\170\145\105\242\000
\032\257\014\151\125\144\064\110\270\022\221\017\31\162\40\120\051\162
\117\043\103\143\332\154\254\037\104\341\133\043\170\121\113\307\026
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

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

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\317\364\047\015\324\355\334\145\026\111\155\075\332\277\156\336
END

CKA_ISSUER_MULTILINE_OCTAL
\060\112\061\101\060\001\110\060\003\125\004\006\023\002\125\123\061
\040\060\036\000\003\125\004\021\230\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\0103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "COMODO Certification Authority"
#
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
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 "COMODO Certification Authority"
CKA_CERTIFICATE_TYPE CK CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\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
\140\103\110\140\114\151\155\151\164\145\144\061\104\106\045\100
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\201\201\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\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
\140\103\110\140\114\151\155\151\164\145\144\061\104\106\045\100
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
OK

# Trust for 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:ce:5:3d
# 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_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_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 "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
cka_token CK_BBOOL
cka_private CK_BBOOL
cka_modifiable CK_BBOOL
cka_label UTF8 "Network Solutions Certificate Authority"
cka_certificate_type CK_CERTIFICATE_TYPE
cka_subject MULTILINE_OCTAL
cka_cert_md5_hash MULTILINE_OCTAL
ckaIssuer MULTILINE_OCTAL
cka_serial_number MULTILINE_OCTAL
cka_trust_server_auth CK_TRUST
cka_trust_email_protection CK_TRUST
cka_trust_code_signing CK_TRUST
cka_trust_step_up_approved CK_BBOOL
cka_certificate_type CK_CERTIFICATE_TYPE
cka_subject MULTILINE_OCTAL
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 "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\035\131\261\055\226\115\016\021\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056\114\056\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\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
# Not Valid After : Mon Jan 18 23:59:59 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 "COMODO ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\125\016\021\056
# 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
cka_cert_md5_hash MULTILINE_OCTAL
cka_issuer MULTILINE_OCTAL
END

CKA_SERIAL_NUMBER 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\006
\016\006\003\0125\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\115\114\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\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_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "OISTE WISeKey Global Root GA CA"
#
# Issuer: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
# 2005,O=WISeKey,C=CH
# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_ID UTF8 "0"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END

CKA_ID UTF8 "0"
Open Source Used In Telstar 7.6.2 2254
\303\167\235\044\163\173\344\014\214\341\331\066\341\231\213\005
\231\103\355\105\061\011\312\302\000\333\333\367\162\242\226\252\225
\207\320\216\307\266\141\163\015\166\146\214\334\033\264\143\242
\237\177\223\023\060\361\241\047\333\333\137\377\054\125\210\221\240
\340\17\007\260\050\126\214\030\033\322\231\104\216\211\335\340\027
\1563\47\052\357\217\071\102\061\204\202\233\010\002\241\111\056\172
\101\344\247\376\343\144\314\031\131\161\113\054\041\247\133\175
\340\035\322\105\062\201\233\030\333\015\367\252\226\033\254\160\261
\026\204\013\133\331\40\210\046\001\005\000\203\003\000\000\123\121
\060\117\060\013\006\003\125\035\017\004\004\003\020\012\060\060
\017\006\003\012\053\023\000\001\137\004\005\060\003\000\000\113\177
\060\035\060\003\125\035\016\004\026\000\040\224\263\003\176\256\066
\274\260\171\321\334\224\046\266\021\276\041\262\151\206\224\060
\020\006\011\105\036\001\100\001\202\067\255\010\044\003\002\001
\000\060\015\006\001\110\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\113\241\377\013\207\156\263\371\310\110\261
\110\363\050\300\035\056\311\011\101\372\224\000\034\244\244\253
\111\117\217\075\036\357\115\157\275\274\244\346\362\046\060\311
\020\312\035\210\373\164\031\037\205\105\275\260\154\212\371\066
\176\333\365\114\062\072\011\117\132\073\317\350\135\055\266\304
\031\212\165\164\035\017\036\073\152\017\254\024\333\074\364\163\234
\251\100\037\000\034\164\170\372\370\065\140\131\002\203\303\0174
\274\373\115\260\040\155\010\237\314\060\172\147\063\134\305\231
\321\137\305\057\112\163\373\214\252\227\045\134\162\333\100\036
\253\116\074\343\302\106\123\003\246\373\300\376\051\210\125\332
\204\325\112\000\135\373\342\204\243\246\066\252\021\072\001\341\030
\113\126\104\150\263\075\371\123\164\204\263\106\221\106\226\000
\267\200\054\260\341\134\030\203\342\333\243\347\050\217\001\122\6142
\026\076\000\034\303\042\245\066\201\030\242\114\122\166\300\021\243
\1563\346\035\272\343\132\276\066\123\305\076\165\217\206\151\051
\130\213\263\254\237\157\231\134\305\030\354\335\057\341\230\311
\374\276\337\012\015
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_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

Open Source Used In Telstar 7.6.2 2255


CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WiSeKey Global Root GA CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\042\241\341\132\352\026\065\041\370\230\071\152\106\106\260
\104\033\017\251
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\274\154\121\033\017\251
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\000\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\060\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\164\040\107\101\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\361\322\050\124
\337\232
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#  
# Certificate "Certigna"
#
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

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Open Source Used In Telstar 7.6.2 2256
Open Source Used In Telstar 7.6.2  2257
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 "Certigna"
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
CKA_CLASS CK_OBJECT_CLASS 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"

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\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021\060
\144\006\003\125\035\043\004\135\060\133\200\024\032\355\376\101
\171\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021
\241\070\244\066\060\064\061\013\060\136\133\200\024\032\355\376\101
\151\157\164\151\163\061\021\060\017\006\003\125\004\003
\014\010\103\145\162\164\151\147\156\141\202\011\000\376\334\343
\001\173\111\103\377\060\160\060\132\025\035\017\001\100\137\004
\149\006\003\202\001\006\060\021\006\011\140\206\110\001\206\370\102
\001\100\100\040\004\003\002\000\000\007\060\015\006\011\105\206\110\206
\367\015\001\001\100\005\005\000\000\032\020\101\001\100\025\000\363\222
\161\166\102\257\341\243\141\236\353\363\330\017\362\245\324\332
\125\346\326\276\150\066\075\176\156\037\114\212\357\321\170\041
\155\136\245\122\143\316\022\370\357\052\332\157\353\067\376\023
\002\307\313\073\076\062\042\153\332\141\056\177\324\162\075\335\060
\341\036\114\100\003\121\017\327\234\321\203\060\173\230\131\334
\175\306\271\014\051\114\241\063\242\353\147\072\145\204\323\226
\342\235\166\105\160\217\265\053\336\371\104\332\261\111\156\074\024
\265\306\237\065\036\120\320\301\217\152\160\104\002\142\313\256
\035\150\101\247\252\127\350\123\252\007\366\363\025\204\006
\101\322\003\054\154\162\265\141\225\232\015\123\271\105\5347
\365\337\124\315\336\346\330\326\011\010\227\143\345\301\056\260
\267\104\046\030\046\236\073\325\125\060\236\073\325\125\060
\036\41\340\036\377\317\054\267\377\320\375\207\100\021\325\021\043
\127\311\030\004\141\251\244\050\055\375\025\370\260\116\053\364\060
\133\041\374\021\221\064\276\101\137\173\235\227\165\137\227\225
\300\226\130\057\135\273\106\327\273\344\331\056
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Certificate "ePKI Root Certification Authority"

# Issuer: OU=ePKI Root Certification Authority, O="Chunghwa Telecom Co., Ltd.", C=TW
# Serial Number: 15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d
# 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\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\000\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\013\157\056\054\040
\114\164\144\056\061\052\060\050\060\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\011\165\164\150\157\162\151\164\171

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\000\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\013\157\056\054\040
\114\164\144\056\061\052\060\050\060\003\125\004\013\014\041\145

Open Source Used In Telstar 7.6.2  2259
# Trust for Certificate "ePKI Root Certification Authority"
# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Serial Number: 0000000000000000000000000000000000000000000000000000000000000000
# 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\216\176\133\202\100\244\364\126\113\317\342 \075\151\306\360 END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\056\000\312\046\006\220\075\255\376\157\025\150\323\153\263 END
CKA_ISSUER MULTILINE_OCTAL
\060\136\061\013\060\001\006\003\125\004\006\023\002\124\127\061 \043\060\004\006\003\125\004\012\014\032\103\150\165\156\147\150 \167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040 \114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145 \120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151 \143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171 END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\310\0275\145\107\134\257\270\227\000\136\344\006\322 \274\235 END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "certSIGN ROOT CA"
Open Source Used In Telstar 7.6.2  2263

# 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_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\110\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\121\177\124\040\013\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\110\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\121\177\124\040\013\101

END

CKA_VALUE MULTILINE_OCTAL
\060\073\061\013\060\011\110\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\121\177\124\040\013\101

END

Open Source Used In Telstar 7.6.2  2263
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 "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_FALSE

# 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\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\040\006\005\026\160\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
Open Source Used In Telstar 7.6.2  2266
# 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_CERT_SHA1_HASH MULTILINE_OCTAL
\006\101\077\131\077\025\241\004\240\151\244\153\003\320\006\267\227\011\221
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\241\267\377\163\335\326\327\064\062\030\337\374\074\255\210
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\030
\124\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\160\165\165\166\151\157\156\040\123\145\162\166\151\143
\164\141\157\143\153\040\101\162\141\156\171\104\050\103\154\141
\163\163\040\107\157\154\144\051\104\063\052\164\141\156\303
\272\163\303\255\164\166\303\241\156\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\111\101\054\344\000\020
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# # Certificate "Hongkong Post Root CA 1" #
# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Serial Number: 1000 (0x3e8)
# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Not Valid Before: Thu May 15 05:13:14 2003
# Not Valid After : Mon May 15 04:52:29 2023

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\100\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\060\033\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\013\101\040\061
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\001\110\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\060\033\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\013\101\040\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\003\350
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\060\060\202\002\030\240\003\002\001\002\002\002\003\350\060\015\006\011\052\206\110\206\367\015\000\001\000\005\000\000
\060\107\061\013\060\001\110\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\060\033\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\013\101\040\061
\065\061\065\060\065\061\063\060\064\132\027\015\062\063\060\065
\061\065\060\064\065\065\062\062\071\132\060\107\061\013\060\011\005
\003\125\004\006\023\002\110\113\061\026\060\024\006\003\125\004
\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164
\061\040\060\036\060\033\125\004\003\023\027\110\157\156\147\153
\157\156\147\040\120\157\163\164\040\122\157\157\164\040\013\101\040
\040\061\065\062\020\001\042\060\015\060\011\052\206\110\206\367\015
\001\000\001\005\000\003\022\001\017\000\060\020\001\012\002\020
\001\011\000\025\377\070\266\351\114\011\011\134\324\326\341\1220
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"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\326\332\250\040\215\011\322\025\115\044\265\057\313\064\156\262
\130\262\212\130
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\250\015\157\071\170\271\103\155\167\102\155\230\132\314\043\312
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\003\350
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "SecureSign RootCA11"
#
# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc." ,C=JP
# Serial Number: 1 (0x1)
# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc." ,C=JP
# Not Valid Before: Wed Apr 08 04:56:47 2009
# Not Valid After : Sun Apr 08 04:56:47 2029
CKA_CLASS CK_OBJECT_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

Open Source Used In Telstar 7.6.2 2271
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)
# 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\034\237\110\370\363\163\240\234\036\275\370\133\261\303\145
\307\330\021\263
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
# 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_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\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\060\010\052\206\110\206\063\070\015
\001\011\001\026\020\151\156\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\006\003\125\004\006\023\002\110\125

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001

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

# Certificate "Microsec e-Szigno Root CA 2009"

# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:00:c2:7e:43:04:4e:47:3f:19
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Jun 16 11:30:18 2009
# Not Valid After : Sun Dec 30 11:30:18 2029

CKA_CLASS CK_OBJECT_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\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\060\010\052\206\110\206\063\070\015
\001\011\001\026\020\151\156\157\100\145\055\163\172\151\147
\156\157\056\150\165
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\006\003\125\004\006\023\002\110\125

END

Open Source Used In Telstar 7.6.2 2274
\033[17\365\123\156\042\137\31\053\346\32\174\135\256\32\63\020
\306\141\345\050\001\331\135\55\127\374\301\043\171\134\372\31\004
\203\225\363\265\152\21\01\320\167\32\63\351\022\241\37\102\32\203
\373\202\033\271\126\02\273\34\36\166\006\063\103\111\240\377\013\265
\372\265\002\003\000\100\000\001\243\201\200\060\176\060\017\006\003
\125\035\02\03\01\01\137\77\004\005\060\003\001\001\137\76\060\016\006
\003\125\035\017\001\001\137\77\004\004\003\002\001\006\060\035\006
\003\125\035\016\004\026\004\004\024\131\017\306\337\102\103\314\075
\313\265\110\14\340\132\12\246\05\22\73\064\150\060\037\006\003
\125\035\043\000\03\006\002\26\002\024\313\017\306\337\102\103\314
\075\313\265\110\04\32\103\32\12\246\05\22\73\064\150\060\037\006
\003\125\035\021\004\024\060\022\201\020\151\156\146\157\100\014
\055\163\172\151\147\156\157\056\150\165\060\015\006\011\052\206
\110\206\367\015\000\010\013\005\000\003\020\001\000\311\321
\016\130\056\325\314\263\174\076\313\374\075\377\15\050\225\223
\004\310\277\332\15\171\270\103\220\360\024\226\73\037\362\357\041
\230\274\324\324\135\006\366\356\102\354\060\154\240\252\251\132
\361\257\21\12\372\077\013\163\152\076\352\056\100\176\037\256\124
\141\171\353\056\010\067\327\043\363\012\423\276\035\26\134\144
\165\333\240\042\12\240\242\261\272\034\051\14\244\030\366\022\272\242
\024\020\343\061\065\310\100\377\267\340\005\166\12\370\034\131
\362\370\27\344\355\045\142\134\20\40\360\176\176\037\263\276\371
\267\041\02\13\14\003\011\126\160\247\020\222\036\033\064\201\036
\255\234\033\032\004\074\355\002\141\32\063\036\363\137\072\207
\362\053\361\110\05\020\345\075\254\332\130\071\272\042\275\153\256\334
\330\371\266\033\142\160\013\075\066\311\102\362\062\327\172\141
\346\322\333\075\313\171\251\111\233\334\333\130\043\327\157\070
\257\17\170\033\232\243\255\032\165\272\034\010\066\174\217\036\155
\034\303\165\106\256\065\005\246\366\134\075\041\356\126\360\311
\202\042\055\172\21\253\160\030\175\042\145\202\160\226
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for 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"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\211\337\164\376\134\364\017\112\200\371\343\067\175\124\332\221
\341\001\061\121
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\111\364\003\274\104\055\203\276\110\151\175\051\144\374\261
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\060\260\060\024\006\003\125\004\012\014\15\151\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\102\206\110\206\367\015
\001\011\000\102\060\20\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\302\176\103\004\116\107\077\031
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "GlobalSign Root CA - R3"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
# Serial Number:04:00:00:00:00:01:21:58:53:08: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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\114\061\040\060\003\006\000\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

Open Source Used In Telstar 7.6.2 2277
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\144\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\012\107\154\157\142\141\154\123\151\147\156
\040\122\157\157\156\040\103\010\040\055\040\122\063\061\023\060
\021\000\003\125\004\012\023\012\107\154\157\142\141\154\123\151
\147\156\061\023\060\021\000\003\125\004\003\023\020\121\075\154\157
\142\141\154\123\151\147\156\060\036\027\105\060\071\060\063\0306
\070\061\060\060\060\060\060\132\027\015\062\071\060\063\061\070
\061\060\060\060\060\060\132\026\011\046\010\040\060\036\060\036\0125
\004\013\023\027\107\154\157\142\141\154\123\151\147\156\040\122
\157\157\156\040\103\101\040\055\040\122\063\061\023\060\021\0006
\003\125\004\012\023\012\107\154\157\142\141\154\123\151\147\156
\061\102\060\021\000\060\033\125\004\003\023\020\121\075\154\157\142\141
\142\154\123\151\147\156\060\020\020\010\042\060\015\006\011\052\206\110
\120\103\67\015\001\010\005\000\003\202\000\017\000\060\020\001
\012\002\020\020\001\001\000\314\045\166\220\171\006\170\042\026\0636
\300\203\266\204\312\050\023\063\750\051\660\021\305\255\210\162\3374
\016\000\010\033\076\262\212\235\004\137\044\313\056\113\334\140\202
\016\34\122\253\014\201\107\160\154\335\144\321\335\365\054\243
\017\202\075\040\105\032\256\227\237\266\024\206\020\171\273\073\023
\200\167\214\010\034\011\132\152\142\057\037\163\362\226\150\337
\211\047\225\070\237\006\327\076\111\313\046\131\015\163\336\260
\310\351\046\16\203\025\306\357\133\213\332\004\140\312\111\3246
\050\366\151\073\366\313\050\022\134\152\235\212\141\127\067\254
\164\024\334\164\340\072\235\162\057\056\234\373\320\273\277\365
\075\000\341\060\063\350\020\053\256\123\246\072\026\163\214\335
\010\016\040\072\300\264\247\241\135\126\117\220\056\062\140\351
\127\313\271\004\222\150\150\345\070\046\140\165\262\237\167\377
\221\102\243\357\256\040\011\137\245\550\002\521\022\100\026\141\031
\136\270\022\237\257\255\167\267\144\232\172\277\137\301\023\357\233
\142\237\105\154\340\124\151\026\251\003\332\156\351\120\323\161
\166\306\151\125\205\020\270\002\003\001\000\001\243\112\026\010\0060
\016\006\003\125\035\017\001\001\137\000\044\003\002\001\006\060
\017\006\003\125\035\023\012\001\137\000\044\005\060\003\001\001\1377


```
# Trust for Certificate "GlobalSign Root CA - R3"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
# Serial Number:04:00:00:00:00:00:01:21:58:53:08: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
CKA_LABEL UTF8 "GlobalSign Root CA - R3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\326\233\126\021\110\360\034\167\305\105\170\301\011\046\337\133
\205\151\166\255
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\337\270\111\132\005\023\125\356\055\272\032\303\076\260\050
END

CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\060\036\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\000\001\041\130\123\010\242
END

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

#
# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
#
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number: 53:ec:3b:ee:fb:b2:48:5f
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004\003\145\071\101\165\164\151\162\151\144\141\144\040\144\145\040\103\145\162\162\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040\101\066\062\069\063\064\060\066\070
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004\003\145\071\101\165\164\151\162\151\144\141\144\040\144\145\040\103\145\162\162\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040\101\066\062\069\063\064\060\066\070
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\123\354\073\356\373\262\110\137
END
# Trust for Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:53:ec:3b:ee:fb:b2:48:5f
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030

CKA_CLASS CK_OBJECT_CLASS 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

END

# Certificate "Izenpe.com"
# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES
\225\244\047\041\107\102\112\174\110\072\365\105\174\263\014\216
\121\170\254\225\023\336\306\375\175\270\032\220\114\253\222\003
\307\355\102\001\316\017\339\261\173\272\242\222\341\140\155\256\172
\153\011\252\306\051\356\150\111\147\060\200\044\172\061\026\071
\133\176\361\034\056\335\154\011\125\5\306\061\301\020\116\271\273
\371\276\277\225\205\077\300\100\243\072\131\374\131\111\130\074\050
\044\333\264\025\165\256\015\210\272\056\163\300\275\130\207\345
\102\362\335\136\356\036\060\042\231\131\067\321\304\041\154\201
\354\276\155\046\346\034\344\102\040\236\107\260\254\203\131\160
\054\065\332\257\066\064\264\315\073\370\062\350\357\343\170\211
\373\215\105\054\333\224\270\176\100\034\141\347\076\242\222\054
\11\362\315\372\230\266\051\377\363\362\173\251\037\056\240\223
\127\053\336\205\003\371\151\067\313\236\170\152\005\264\035\061
\170\211\354\172\247\205\341\271\173\074\343\367\266\036\171\204\316
\237\160\016\161\302\065\056\220\052\061\133\344\105\172\101\244
\056\023\233\064\016\146\173\111\253\144\227\320\106\303\171\235
\162\120\143\246\230\313\300\062\275\110\155\300\071\203\160\350\065
\360\005\321\325\272\274\343\333\310\100\025\352\174\375\202\332\302\133
\122\065\256\230\072\225\5\272\065\223\043\247\307\110\335\065\106
\203\026\202\021\150\344\245\061\302\012\130\056\031\201\020\303\112
\165\534\352\132\202\316\021\327\356\375\120\210\055\141\377\077
\102\163\005\224\103\325\216\074\111\060\107\023\012\45\307\106\116
\167\320\135\345\201\042\041\207\376\224\175\204\330\223\255\326
\150\103\110\262\333\333\163\044\347\221\177\124\244\266\200\007
\235\243\074\114\162\230\212\273\042\240\324\324\140\070\047\316\325\006
\236\242\110\331\351\123\371\162\021\160\066\223\232\073\337\226\041
\343\131\267\014\333\221\067\360\375\131\132\263\231\310\151\154
\103\046\001\065\134\140\125\211\003\072\165\330\272\112\331\124
\377\356\336\200\330\055\321\070\325\136\055\013\230\175\076\154
\333\374\046\210\307
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for 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_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"
Open Source Used In Telstar 7.6.2 2287

```plaintext
# 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:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After : Sat Jul 31 12:29:50 2038

## Object導出
## Subject導入
```
# 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:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
# (see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After : Sat Jul 31 12:29:50 2038
CKA_CLASS CK_OBJECT_CLASS 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"

Open Source Used In Telstar 7.6.2 2291

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 "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_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL
\061\103\060\101\100\063\125\004\006\023\002\105\125
\061\103\060\010\100\060\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\167\056\143\141
\155\145\146\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\106\102\060\020\006\003\125\004\005\023\011
\101\100\062\067\063\062\070\067\061\033\060\031\006\003\125
\004\010\023\022\101\103\030\010\141\155\145\162\146\151\162\155
\141\140\123\056\101\056\061\047\060\045\006\003\125\004\003\023
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\020\011\000\031\135\132\335\132\325\175\043\316

END
CKA_VALUE MULTILINE_OCTAL
\060\020\007\111\060\020\002\005\061\240\003\030\002\001\002\002\000\011\000
\311\315\323\351\325\175\043\316\060\015\006\011\052\020\061\110\206
\367\015\001\001\005\005\000\060\020\125\046\011\030\060\011\006\003
\125\004\000\060\023\002\015\125\061\110\060\010\006\003\125\004\000
\02\320\070\115\141\144\162\151\144\144\040\051\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\001\110\070\062\067\064\063\062\070\067
\061\013\006\003\125\004\012\020\022\101\013\030\010\013\141
\155\154\162\146\151\162\155\141\040\123\035\010\056\061\047\060
\045\006\003\125\004\000\030\036\017\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164\040
\055\040\062\069\060\070\060\036\027\015\060\070\060\070\060\061
\061\062\063\061\064\060\013\027\015\063\070\060\067\063\061\061
\062\063\060\064\060\013\026\012\060\021\125\046\013\060\011\006\003
\004\000\023\002\105\125\061\103\060\101\006\003\125\004\007\023
\072\115\141\114\162\151\114\040\050\163\145\145\040\143\165\162
\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164
\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056
\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020
\003\125\004\005\023\011\110\070\062\067\064\063\062\070\067
\033\060\031\006\003\125\004\012\020\022\101\013\030\010\013\141
\145\146\141\156\151\116\155\141\040\123\056\101\056\061\047
\006\003\125\004\003\023\036\107\154\157\142\141\154\040\103
\141\155\142\145\162\163\151\147\156\040\122\157\157\164\040
\040\020\062\060\060\070\060\020\020\020\020\020\017\000\060\020
\012\002\020\020\020\010\000\300\337\126\323\334\072\223\166\105
\203\333\337\333\102\266\031\123\067\101\030\025\122\107\353\027
\051\120\216\065\154\000\062\056\107\142\363\111\100\047\175\104
\066\261\161\134\275\132\011\163\325\333\120\104\377\221\127
\337\136\066\216\160\321\134\161\110\030\353\121\323\357\134
\033\275\072\226\033\132\255\243\121\042\347\015\256\041\025\077
\172\133\222\165\330\044\022\070\110\031\122\267\200\032\024
\126\127\234\222\132\262\010\020\013\263\164\144\222\164\140
\336\336\170\170\114\206\204\033\032\030\073\131\161\141\113\231
\127\302\014\132\010\026\230\334\015\250\112\243\271\102\125\140
\122\142\272\146\275\150\043\172\067\032\250\012\127\036\110
\165\323\301\136\000\125\260\027\124\350\047\220\065\035\114
\255\227\374\227\056\230\024\077\054\311\124\237\321\230\021
\035\143\370\312\230\010\130\027\231\355\105\003\327\176\074
\036\210\214\276\363\222\210\024\175\064\330\000\114\175\267
\027\132\025\117\120\030\044\060\243\067\265\127\225\010\175
\326\371\016\216\131\136\137\033\363\265\051\073\027\073\101
\041\335\324\300\075\245\237\237\037\013\021\123\127\241\154
\172\127\230\356\131\124\037\373\234\121\256\213\160\275\047
\237\161
END

# 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: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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\112\375\377\373\306\346\054\107\327\201\072\213\131\000\265\163
\153\143\040\366\061\105\010\071\016\364\160\176\100\160\132\077
\320\153\102\251\164\075\050\057\002\155\165\162\225\011\125\110
\143\306\304\043\127\222\223\136\065\301\125\371\012\367\054\235
\142\304\366\225\174\335\246\061\036\266\261\307\176\205\046\372
\244\152\263\332\143\060\321\357\223\067\262\146\057\175\005\367
\347\267\113\230\224\065\300\331\072\051\130\235\262\120\063\035
\112\251\132\246\311\003\357\355\364\347\250\156\212\264\127\204
\353\244\077\320\036\252\225\207\133\143\350\223\342\153\250\324
\270\162\170\153\033\355\071\344\135\313\233\252\207\325\117\116
\000\376\331\152\237\074\061\017\050\002\001\175\230\350\247\260
\242\144\236\171\137\011\036\205\251\314\346\310\104\353\077\170
\231\162\173\161\076\074\361\230\247\305\030\022\077\346\273\050
\063\102\351\105\012\174\155\362\206\171\057\305\202\031\175\011
\211\174\262\124\166\210\256\336\301\363\314\341\115\333\061\326
\223\256\231\240\357\045\152\163\230\211\133\072\056\023\210\036
\277\300\222\224\064\033\343\047\267\261\303\157\102\377\347\351
\067\233\120\200\355\055\242\371\002\235\363\311\301\130\072\161\174\150
\343\252\301\257\034\050\037\242\334\043\145\077\201\135\252\256\231
\323\330\060\137\023\015\117\025\311\204\274\247\110\055\370\060
\043\167\330\106\113\171\155\366\214\355\072\177\140\002\111\170\364
\351\123\256\325\124\300\164\200\321\013\102\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
END

CKA_ISSUER MULTILINE_OCTAL
\060\021\225\406\013\060\001\1\006\003\125\000\006\023\002\105\125
\061\013\060\001\1\011\006\003\125\000\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\146\162\145\163\165\160\040\141\164\040\167\167\167\056\143\141
\155\145\162\166\151\162\155\141\146\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\061\033\060\031\006\000\031\125
\004\012\023\022\101\013\040\103\141\155\145\162\162\155
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070
END

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

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

#
# Certificate "Go Daddy Root Certificate Authority - G2"
#
# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\203\061\013\060\001\1\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\000\010\023\071\101\162\151\172\157
\156\141\101\023\060\021\006\003\125\000\004\007\023\012\123\143\157
\164\164\163\144\111\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\016\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\161\150\157\162\151\164

Open Source Used In Telstar 7.6.2 2296
\015\363\000\146\042\310\021\51\151\155\066\214\021\030\0267\323\262
\034\140\264\070\372\002\214\316\233\335\106\007\336\012\076\035
\135\174\310\174\373\260\053\123\244\222\142\151\121\045\000\51\141
\032\014\201\021\145\042\215\103\226\043\373\254\072\201\123\016\051
\305\034\251\151\155\036\266\236\260\060\12\071\136\361\120\200
\373\113\135\134\062\354\020\142\030\045\064\000\21\026\047\101\221
\264\073\160\052\077\156\261\135\023\210\000\175\237\324\371\333
\123\155\140\235\277\054\347\130\253\270\137\106\374\131\043\034
\003\074\011\135\111\061\134\151\121\045\005\141
\032\104\201\214\054\251\103\226\043\337\254\072\107\002\003\010\000
\001\124\012\060\100\060\017\006\003\125\035\023\001\001\137\700
\005\050\003\001\001\137\700\060\160\006\003\125\035\017\001\001\137
\004\004\003\002\002\001\016\060\035\060\030\125\035\16\004\026\004
\024\072\232\205\007\020\147\050\266\035\136\361\210\200
\366\327\336\023\131\123\020\176\242\120\063\321\227\372\267\056\053
\021\253\220\260\047\200\371\135\023\137\321\351\067\237\235\343\337
\154\263\205\027\235\075\331\044\117\171\221\065\326\137\004\353
\200\023\253\232\002\055\265\020\364\330\220\307\004\163\100\355
\162\045\240\251\127\354\023\625\231\150\022\231\127\306\217\022\072
\011\124\257\041\347\050\025\067\301\233\334\062\243\355\070\350
\330\014\363\054\176\022\347\002\352\237\315\377\007\150\027\333
\042\220\070\055\172\215\321\124\361\151\134\137\063\312\172\075
\173\012\343\312\177\137\071\135\343\165\272\305\160\300\063\3316
\054\360\057\114\255\367\261\347\316\117\250\304\233\112\124\006
\305\177\175\235\010\017\342\034\376\176\027\270\254\136\366\324
\026\262\103\101\104\115\366\247\153\264\231\204\145\312\172\210
\342\234\014\276\134\367\352\034\365
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 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
# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\060\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\102\060\021\005\006\033\125\004\007\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\105\146\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\033\023\050\107\157
\040\010\141\144\144\171\104\122\157\157\164\040\103\145\162\164
\151\146\151\141\144\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

# Certificate "Go Daddy Root Certificate Authority - G2"

# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="Go Daddy Root Certificate Authority - G2".L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Go Daddy Root Certificate Authority - G2,O="Go Daddy Root Certificate Authority - G2".L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After: Thu Dec 31 23:59:59 2037
# Fingerprint (MD5): 107\276\253\311\042\352\350\016\170\170\064\142\247\237\105\302
# Fingerprint (SHA1): 200\072\274\042\301\346\373\215\233\047\112\062\033\232\001

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\060\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\102\060\021\006\003\125\004\007\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\105\146\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\033\023\050\107\157
\040\010\141\144\144\171\104\122\157\157\164\040\103\145\162\164
\151\146\151\141\144\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
END
# 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_CERT_SHA1_HASH MULTILINE_OCTAL
\265\034\006\174\356\053\014\075\370\125\253\055\222\364\376\071
\324\347\017\016
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\326\071\201\306\122\176\226\151\137\437\347\312\146\355\005\362\226
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\103\060\011\006\000\125\003\023\006\023\023\125\123
\061\200\060\016\006\003\125\000\010\023\007\101\162\151\172\157
\156\141\61\23\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\060\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END

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

# Certificate "Starfield Services Root Certificate Authority - G2"
#
# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,
\251\142\205\063\362\067\010\357\161\317\167\006\336\031\031\035
\210\100\317\175\063\035\377\063\307\341\131\316\377\043\333\306\372
\215\251\116\251\002\347\107\021\106\076\364\375\275\173\051\046
\273\251\141\142\067\050\266\055\052\366\020\206\144\311\160\247
\332\255\267\051\160\171\352\074\332\143\405\237\375\150\267\060
\354\160\373\165\212\267\155\140\147\262\036\310\271\351\330\250
\157\002\213\147\015\115\046\127\161\332\040\374\301\112\120\215
\261\050\272
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# 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\242
END

CKA_ISSUER MULTILINE_OCTAL
\060\021\230\061\013\060\001\110\006\003\125\004\006\002\212\125\123
\061\120\206\060\160\003\125\004\010\023\007\101\162\151\172\157
\156\141\060\123\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\150\061\145\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\203\026\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\010\134\156\216\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\017\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

Open Source Used In Telstar 7.6.2 2305
# 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

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
06010406101306000110060003125000400060230020125123061
02406002200600031250004012014013101146146151162155
124162165163164061037060030500600312500040003014026
101146146151162155124162165163164040103157155155
145162143151141154

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002010167167006047004612511261174

END

CKA_VALUE MULTILINE_OCTAL
0602020031140602020020642400003002001002002010167
167006047046251126117406001500600110522061110206367
015001001013005000006010406101306001100600031250004
0060230002125123061024060022006003125004012014013
1011461461511621551241621651631640610370600305006
0031250004003014026101146146151162155124162165163
# 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"

# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\161\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\161\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\174
\171\004\071\034\324\231\105\060\001\015\206\110\206\367
\015\001\001\005\005\006\060\104\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\161\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\167\157\162\153\151\156\147\060\036\027\015
\061\060\060\061\062\071\160\064\060\070\062\064\132\027\15\063
\060\061\062\063\061\061\064\060\070\062\064\132\026\104\011\13
\060\011\060\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\167\157\162\153\151
\156\147\060\022\002\001\014\020\060\015\052\206\110\206\367\015
\001\001\001\005\000\003\020\200\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\167\157\162\153\151
\156\147\060\022\002\001\014\020\060\015\052\206\110\206\367\015
\001\001\001\005\000\003\020\200\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\167\157\162\153\151
\156\147\060\022\002\001\014\020\060\015\052\206\110\206\367\015
\001\001\001\005\000\003\020\200\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\167\157\162\153\151
\156\147\060\022\002\001\014\020\060\015\052\206\110\206\367\015
\001\001\001\005\000\003\020\200\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\167\157\162\153\151
\156\147\060\022\002\001\014\020\060\015\052\206\110\206\367\015
\001\001\001\005\000\003\020\200\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\167\157\162\153\151
\156\147\060\022\002\001\014\020\060\015\052\206\110\206\367\015
\001\001\001\005\000\003\020\200\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\167\157\162\153\151
\156\147\060\022\002\001\014\020\060\015\052\206\110\206\367\015
\001\001\001\005\000\003\020\200\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\167\157\162\153\151
# 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_TRUE
cka_private CK_BBOOL CK_FALSE
cka_modifiable CK_BBOOL CK_FALSE
Open Source Used In Telstar 7.6.2 2311

# 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
# Certificate "AffirmTrust Premium"

# Certificate "AffirmTrust Premium"

# Certificate "AffirmTrust Premium"

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# Certificate "AffirmTrust Premium"

# Certificate "AffirmTrust Premium"

# Certificate "AffirmTrust Premium"

# Certificate "AffirmTrust Premium"

# Certificate "AffirmTrust Premium"
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=AffirmTrust Premium,O=AffirmTrust,C=US
# Serial Number:6d:8c:14:46:b1:a6:0a:ce
# 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_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"

# 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\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\165\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
```

```
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\156\152\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\121\307\077\172\124
END
```

```
CKA_VALUE MULTILINE_OCTAL
\060\202\001\376\060\202\001\120\240\003\002\001\002\002\101\164
\122\045\123\077\172\124\060\010\105\120\110\110\110\110
\004\000\003\060\105\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\024\060\022\006\003\125\004\041\020\141\013\101\146\146
\151\162\155\124\162\165\163\164\061\040\060\036\006\003\125\004
\003\014\027\101\146\146\151\162\155\124\162\165\163\164\040\120
\162\145\155\151\165\155\040\105\103\030\060\036\027\015\060\060
\060\060\106\020\071\061\060\046\020\062\060\062\064\132\027\015\064\060
\062\063\061\160\064\062\060\062\064\132\020\060\105\061\103\060\011
\006\060\012\125\004\006\023\002\125\123\061\024\060\022\006\003\125
\004\010\121\143\110\114\146\146\151\162\155\124\162\165\163\164
\040\060\060\036\000\031\250\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\030\166\166\002\120\060\075\020\106\110\316\075\020\016\060\005
\053\020\100\040\000\042\020\142\000\004\150\060\136\033\025\235\003
\320\241\171\063\267\072\074\222\172\312\025\034\315\142\363\234
\046\134\070\075\345\124\372\243\326\314\022\352\364\024\137\350
\216\031\125\057\056\110\346\254\030\103\170\254\320\067\303\275
\262\315\054\346\107\342\032\346\143\270\075\056\057\170\304\117
\333\364\017\244\150\114\125\162\153\225\035\116\030\102\225\170
\314\067\074\221\134\232\135\030\124\331\102\060\100\060\035\006
\003\125\035\106\040\026\004\042\204\322\257\051\172\300\021\065\065
# 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

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\144\260\011\125\317\261\325\231\342\276\023\253\246\135\352\115

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\031\101\146\146\151\162\155
\124\161\165\163\164\061\104\060\036\006\003\125\004\003\104\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103

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

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

#
# Certificate "Certum Trusted Network CA"
#
# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
# Serial Number: 279744 (0x44444c0)
# 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 CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_VALUE MULTILINE_OCTAL
\060\176\061\013\060\001\100\060\003\1125\004\006\023\002\120\114\061
\042\060\040\000\003\125\004\012\23\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\011\056\061\047\060\045\006\003\125\004\013\23\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\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_ID UTF8 "0"

# 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 (0x44444c0)
# 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 CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_VALUE MULTILINE_OCTAL
\060\176\061\013\060\001\100\060\003\1125\004\006\023\002\120\114\061
\042\060\040\000\003\125\004\012\23\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\011\056\061\047\060\045\006\003\125\004\013\23\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\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\004\030
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\273\060\020\002\243\240\003\002\001\002\002\003\004
\104\300\060\015\006\011\052\206\110\206\367\015\001\000\05\005


```
# Trust for 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 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
```
# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\130\060\011\100\060\003\125\004\000\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\010\101\061\105\060\050\006\003\125\004\003\140\104
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\137\061\130\060\011\100\060\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\105\026\060\050\006\003\125\004\003\140\104
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\004\010\043\030

END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\173\060\202\02\143\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
Open Source Used In Telstar 7.6.2  2321
# 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)
# 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\247\036\233\352\352\275\171

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\010\217\366\371\173\267\362\261\247\036\233\352\352\275\171

CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\001\110\006\003\125\004\000\023\002\124\127\061
\022\060\020\006\003\125\004\012\140\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\140\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\140\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Certificate "Explicitly Distrust DigiNotar Root CA"

# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040\060\036\006\011\052\206\110\206\367\015\001\101\100\102\026\021\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040\060\036\006\011\052\206\110\206\367\015\001\101\100\101\026\021\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377

END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\212\206\020\003\162\240\003\002\001\002\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\060\015\006\011\052\206\110\206\367\015\001\100\100\105\005\000\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040\060\036\006\011\052\206\110\206\367\015\001\101\100\101\026\021\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154

END


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\110\206\367\015\001\001\005\005\000\003\202\002\001\000\073\002
\215\313\074\060\035\015\062\240\025\362\163\263\137\236\045\023\004
\005\323\366\343\212\373\013\171\161\123\336\344\226\035\321\257
\163\274\325\033\320\010\125\174\100\177\315\030\337\011\132\356
\174\237\150\035\273\135\316\172\071\032\214\326\230\173\305\203
\125\250\325\175\100\324\300\036\367\211\136\143\135\241\023\302
\135\212\266\212\174\000\363\043\303\355\205\137\161\166\360\150
\143\325\105\041\071\110\141\170\066\334\363\101\033\223\324\045\307
\362\200\145\341\113\023\165\212\161\137\172\072\357\067\253\204\050
\127\014\330\324\324\231\126\154\343\024\376\131\204\264\061\035
\063\370\142\224\222\412\217\253\071\030\115\335\332\335\200\013
\157\174\051\015\304\216\212\162\011\347\123\024\262\140\010\075
\204\221\061\115\075\047\014\333\034\333\345\033\364\037\143\105\130\114
\076\230\365\077\101\272\116\133\067\015\272\146\230\361\135\313
\237\134\367\124\066\022\150\054\274\023\141\227\011\037\010\173\102\73
\314\310\242\237\312\326\015\027\153\035\026\233\377\125\157\007\235
\332\216\147\307\010\076\312\171\277\052\021\222\267\143\123\146
\361\102\243\341\136\413\121\151\030\123\026\354\044\204\063\255\134\160
\035\334\340\362\353\163\024\222\123\003\301\352\000\145\274\007
\374\317\022\021\042\054\256\240\275\072\340\042\052\053\011\351
\051\132\030\065\242\250\021\137\031\265\265\033\377\042\112\134
\306\172\344\027\357\040\021\247\364\077\255\221\257\232\000\045
\235\016\312\067\346\120\375\212\140\025\100\023\232\354\271\137\113
\162\227\342\010\066\257\043\057\142\345\032\100\031\323\160\033\174
\20\043\054\026\061\014\306\066\007\220\172\261\037\147\130\304
\073\130\131\212\126\021\412\140\206\330\302\063\313\150\043\304\012
\347\151\111\304\031\163\010\036\126\113\225\251\043\150\330\060\330
\303\353\260\125\121\135\345\375\053\270\035\265\273\021\237\123\124
\366\064\031\214\171\011\066\130\214\027\045\027\013\202\230\163
\014\167\164\303\325\015\307\250\221\143\074\247\124\161\107\056
\054\032\175\111\343\053\073\110\336\047\204\247\143\036\066\263\175
\21\240\144\071\044\015\075\173\027\257\146\134\164\033\113\163
\26\234\124\360\206\231\270\035\033\204\301\267\353

END

# Trust for Certificate "Explicitly Distrust DigiNotar Root CA"
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025
CKA_CLASS CK_OBJECT_CLASS 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"
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**Open Source Used In Telstar 7.6.2 2325**

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# 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 CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\001\110\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\110\141\147\151\116\157
\164\141\162\061\032\060\003\006\031\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\011\026\067\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377
\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

\174\347\332\244\225\354\267\056\032\031\161\370\110\120\332\103 \\
\217\054\204\335\301\100\047\343\265\360\025\116\226\324\370\134 \\
\343\206\051\110\053\327\073\035\070\177\310\206\127\227\323 \\
\357\052\063\304\027\120\325\144\151\153\055\153\105\136\135\057 \\
\027\312\132\116\317\033\327\071\074\365\073\237\106\271\233\347 \\
\016\111\227\235\326\235\343\033\017\352\217\001\116\232\023\224 \\
\131\012\002\007\110\113\032\140\253\177\117\355\013\330\125\015 \\
\150\157\125\234\151\145\025\102\354\300\343\335\154\254\303\026 \\
\316\103\035\126\233\243\304\304\322\056\340\017\342\104\047\053 \\
\120\151\244\334\142\350\212\041\051\102\154\314\000\072\226\166 \\
\233\357\100\300\244\136\167\204\062\154\364\056\027\116\246\135 \\
\343\327\271\262\054\150\037\036\232\220\003\071\360\252\263\244 \\
\314\111\213\030\064\351\067\311\173\051\307\204\174\157\104\025 \\
\057\354\141\113\004\311\105\133\242\326\122\242\174\177\051\222 \\
\326\112\305\213\012\250\324\376\352\330\037\020\043\030\344\235 \\
\172\175\163\100\122\230\240\256\156\343\005\077\005\017\340\245 \\
\306\155\115\355\203\067\210\234\307\363\334\102\232\152\266\327 \\
\041\111\066\167\362\357\030\117\305\160\033\119\236\351\336\267\053 \\
\213\364\274\176\050\337\015\100\031\120\513\245\256\305\011\377 \\
\320\134\016\265\250\176\360\351\057\272\257\210\256\345\265\321 \\
\130\245\257\234\161\247\051\001\220\203\151\067\202\005\272\374 \\
\011\301\010\156\214\170\073\030\063\002\200\077\104\205\010\035 \\
\337\125\126\010\255\005\420\055\135\261\003\341\256\252\164\305 \\
\244\363\116\272\067\230\173\202\271 \\

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 (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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
"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

Certificate

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

Certificate

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

Certificate
# 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\170\264\316\354\031\031\012\124\103\047\060\045\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
\124\171\163\151\157\155\157\155\157\156\151\151\141\134\040\122\157\157\164\034\010\062
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\154\071\175\244\016\125\131\126\207\326\101\261\022\120\336\103
END
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\124\171\163\151\157\155\157\155\157\156\151\151\141\134\040\122\157\157\164\034\010\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# Certificate "EC-ACC"

# Issuer: CN=EC-ACC, OU=Jerarquia Entitats de Certificacio Catalanes, O=Serveis Publics de Certificacio, C=ES
# Subject: CN=EC-ACC, OU=Jerarquia Entitats de Certificacio Catalanes, O=Serveis Publics de Certificacio, C=ES

# Not Valid Before: Tue Jan 07 23:00:00 2003
# Not Valid After: Tue Jan 07 22:59:59 2031

CKA_CLASS CKA_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CKA_BBOOL CK_TRUE
CKA_PRIVATE CKA_BBOOL CK_FALSE
CKA_MODIFIABLE CKA_BBOOL CK_FALSE
CKA_LABEL UTF8 "EC-ACC"

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\363\061\013\060\001\110\060\003\125\004\006\023\002\105\123
\061\073\060\071\106\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\143\141\143\151\157\040\050\116\111\110
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\060\060\03\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\027\057\057
\167\161\167\056\014\141\164\143\145\162\164\056\156\145\164\057
\166\154\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\060\003\125\004\013\023\054\112\145\162\141\162\161\165
\151\141\040\105\151\156\164\151\164\164\163\040\144\145\040\103
\145\162\164\151\146\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\101\060\015\006\003\125\004\003\023\006
\105\013\055\101\013\010

END

CKA_LABEL UTF8 "EC-ACC"

CKA_SUBJECT MULTILINE_OCTAL
\060\136\061\013\060\001\110\060\003\125\004\006\023\002\100\123
\061\103\060\071\106\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\100
\145\162\164\151\146\143\141\143\151\157\040\050\116\111\110
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\106\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\100\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\060\060\03\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\027\057\057
\167\161\167\056\014\141\164\143\145\162\164\056\156\145\164\057
\166\154\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\060\003\125\004\013\023\054\112\145\162\141\162\161\165
\151\141\040\105\151\156\164\151\164\164\163\040\144\145\040\100
\145\162\164\151\146\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\101\060\015\006\003\125\004\003\023\006
\105\013\055\101\013\010

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\372\346\167\114\013\155\247\326\272
\246\112\362\350
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\353\365\235\051\015\141\137\102\037\174\302\272\155\343\025\011
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\363\061\013\060\001\11\006\003\125\004\006\023\002\105\123
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\140\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\116
\040\121\055\060\070\060\061\061\067\066\055\11\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040

END
\
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\006\003\123\020\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006
\105\103\055\101\103\103
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\356\053\075\353\324\041\336\024\250\142\254\004\363\335
304001
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 "Hellenic Academic and Research Institutions RootCA 2011"

# Issuer: CN=Hellenic Academic and Research Institutions Cert. Authority,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=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 CKC_X_509
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_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\201\225\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\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\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
# 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\351\372\272\034\357\156\031\325\311
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\013\060\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\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
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\156\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\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\122\157\157
\164\103\101\040\062\060\061\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

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 7 15:37:15 2011 GMT
Not After: Apr 4 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\11\11\154\151\151\156
\157\151\163\061\012\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\060\041\060\037\006\003\125\004\007\023\007\103\150
\124\162\165\163\151\164\167\141\166\145\040\010\157\151\144\151\156
\147\163\054\040\011\11\151\143\156\161\030\012\060\037\103\150
\135\054\010\150\141\147\141\156\151\143\156
\147\040\013\101\054\040\014\145\161\145\154\040\062\061\037\060
\035\006\011\052\206\110\206\367\015\001\011\011\010\206\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\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

# 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_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\11\11\154\151\151\156
\157\151\163\061\012\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\010\157\151\144\151\156
\147\163\054\040\011\11\151\143\156\161\030\012\060\037\103\150
\135\054\010\150\141\147\141\156\151\143\156
\147\040\013\101\054\040\014\145\161\145\154\040\062\061\037\060
\035\006\011\052\206\110\206\367\015\001\011\011\010\206\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\006

Open Source Used In Telstar 7.6.2 2341
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
# 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 CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\115\115\154\114\114\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151\163\040\123\056\160\056\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\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\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\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\123\056\160\056\101\056\057\060\063\063\065\070\065\062
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\115\115\154\114\114\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151\163\040\123\056\160\056\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\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\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\123\056\160\056\101\056\057\060\063\063\065\070\065\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\127\012\021\227\127\010\304\343\314
END

CKA_VALUE MULTILINE_OCTAL
\060\020\005\273\060\022\008\243\240\003\002\001\002\002\002\010\127
\012\021\227\127\023\043\343\314\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\153\061\013\060\011\006\003\125\004

Open Source Used In Telstar 7.6.2 2342
END

# Trust for "Actalis Authentication Root CA"
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./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
\363\163\263\207\006\132\050\204\212\362\363\112\316\031\053\335
\307\216\234\254
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\151\301\015\117\007\243\033\303\376\126\075\004\274\021\366\246
END
CKA_ISSUER MULTILINE_OCTAL
\060\153\060\011\030\060\011\100\060\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\060\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\070\064\056\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\127\012\021\227\102\304\343\314
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Buypass Class 2 Root CA"

# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After: Fri Oct 26 08:38:03 2040
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\113\060\011\100\060\003\125\004\006\023\002\116\117\061\103\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163\163\040\013\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\113\060\011\100\060\003\125\004\006\023\002\116\117\061\103\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163\163\040\013\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_VALUE MULTILINE_OCTAL
\015\006\111\052\206\110\206\367\015\001\001\005\000\060\116\061\113\060\011\100\060\003\125\004\006\023\002\116\117\061\103\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163\163\040\013\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_VALUE_MULTILINE_OCTAL
\020\020\020\005\131\106\022\002\101\134\003\002\001\002\002\001\002\002\002\001\002\020\020\001\017\000\060\202\012\002\202\002\001\327\307\136\067\015\150\001\001\133\005\000\060\116\061\113\060\011\100\060\003\125\004\006\023\002\116\117\061\103\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163\163\040\013\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END

Open Source Used In Telstar 7.6.2 2346
# 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_ISSUER MULTILINE_OCTAL
\111\101\014\124\171\160\158\164\040\103\152\141\163\040\103\152\141\163\163\040\101\123\035\003\036\125\004\012\140\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\000\036\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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\013\022\110\113\036\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_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# Certificate "Buypass Class 3 Root CA"

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

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_ID UTF8 "0"

END

END

END

END

END

END

END

END

END

END

END

END

END
END

# Trust for "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_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
Open Source Used In Telstar 7.6.2  2352

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\075\073\030\236\054\144\132\350\016\371\067\032\354

END

CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\000\003\125\004\012\014\024\012\165\171\160\141\113
\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\013\154\141\163\163\040\063\040\122\157\157\164\040\031\010

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
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\024\122\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\160\151\143\145\163\040\107\155\142\110\061\037\060
\035\060\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\206\245\366\213\035\071\332\243\063\124\331\372\162\032\367\042
\025\034\210\221\153\177\146\345\303\152\200\260\044\363\337\206
\105\210\375\031\177\165\207\037\032\261\033\012\163\044\133\271
\145\340\054\124\310\40\023\057\263\002\003\001\000\001\243
\022\160\014\154\104\040\253\021\330\364\031\366\322\234\122\067
\347\372\266\302\061\073\112\324\024\231\255\307\032\365\135\137
\372\007\270\174\015\037\326\203\036\263\002\003\001\000\001\243
\102\060\100\006\017\006\003\125\035\023\001\000\1\377\004\005\060
\003\001\000\1\377\006\001\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\006\003\035\006\003\125\035\016\004\026\004\024\265
\003\367\166\073\141\142\152\22\02\22\25\25\30\01\23\35\30\03\04\12\24\277
\376\316\312\069\001\15\006\011\052\206\110\206\367\15\000\101\013
\005\000\003\202\200\010\100\012\160\75\35\224\32\25\273\32\163\262
\130\276\256\220\255\230\004\227\376\001\261\260\122\000\270\115
\344\030\041\164\030\33\176\300\356\136\15\052\045\257\134\326\035
\332\222\171\313\11\327\051\340\206\207\373\360\004\131\017\361\131
\324\144\205\113\231\257\045\004\036\311\106\25\227\33\302\262
\033\160\237\234\366\257\161\061\351\173\305\245\054\323\271\132
\107\366\312\362\366\347\255\271\10\077\274\026\267\301\155\364
\352\011\257\354\363\265\347\005\236\246\063\212\123\121\326\223
\201\134\164\223\366\271\332\246\045\005\164\171\132\176\100\076
\202\113\046\021\060\156\341\077\103\071\070\000\65\325\363\32
\367\124\076\201\075\332\111\152\232\263\357\020\075\346\353\157
\321\130\042\107\313\134\317\001\061\222\331\030\343\042\276\011
\036\030\076\132\262\344\153\014\124\172\175\103\116\270\211\245
\173\327\242\075\226\263\143\362\046\064\055\152\222\235\232\032
\320\060\342\135\116\004\260\137\213\040\176\16\301\075\225\202
\321\106\232\073\074\170\270\157\241\320\015\144\242\170\036\051
\116\223\303\244\124\02\213

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
# 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)

# Not Valid Before: Mon Aug 08 07:07:51 2011

# Not Valid After : Tue Jul 06 07:07:51 2021


# Number: Serial Number: 2087 (0x827)
\162\151\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\136\060\134\006\003\125\004\012\014\125\124\303\124\113\124
\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164
\151\130\130\237\151\155\040\166\145\040\102\151\154\151\305\237\151
\155\040\107\033\274\166\145\156\154\131\043\237\151\040\110\101\151
\172\155\145\144\145\164\016\162\151\040\101\056\303\236\056\040\050
\143\051\140\113\141\163\304\261\155\040\040\062\060\060\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\047
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 Number: 2148 (0x864)
# Subject: E=ileti@kktcmerkezbankasi.org,CN=e-isleml.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\020\125\046\010\075\060\073\006\003\125\004\003\014\064\124\103
\123\121\113\124\122\125\123\124\040\105\154\145\153\164\162\157
\156\151\153\040\123\165\156\165\143\165\040\123\145\162\164\151
\146\151\153\141\163\034\261\040\110\151\172\155\145\164\154\145
\162\151\061\101\130\060\011\106\003\125\004\006\023\002\124\122\061
\136\060\134\006\003\125\004\012\014\125\124\303\124\113\124
\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164
\151\130\237\151\155\040\166\145\040\102\151\154\151\305\237\151
\155\040\107\033\274\166\145\156\154\131\043\237\151\040\110\101\151
\172\155\145\144\145\164\016\162\151\040\101\056\303\236\056\040\050
\143\051\140\113\141\163\304\261\155\040\040\062\060\060\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\047
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
# 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_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 "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 MULTILINE_OCTAL
\060\115\061\101\006\003\125\004\006\023\022\104\105\061
\025\060\023\006\003\125\004\012\014\014\014\055\024\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\105\055\124\122\125\123\124\040\122\157\157\164\040\031\014
\141\163\163\040\063\040\010\101\040\062\040\062\060\060\071
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\022\104\105\061
\025\060\023\006\003\125\004\012\014\014\014\055\024\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\105\055\124\122\125\123\124\040\122\157\157\164\040\031\014
\141\163\163\040\063\040\010\101\040\062\040\062\060\060\071
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END

CKA_VALUE MULTILINE_OCTAL
\060\020\022\004\063\060\022\003\003\240\003\003\002\001\002\002\003\011
\203\363\060\015\006\011\052\206\110\063\367\150\001\001\013\005
\000\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\105\060\023\006\003\125\004\012\014\014\014\055\124\162\165
\163\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003
\014\036\105\055\124\122\125\123\124\040\122\157\157\164\040\031\014
\141\163\163\040\063\040\010\101\040\062\040\062\060\060\071
\060\036\027\015\060\071\061\061\060\065\060\070\063\065\065\070
\132\027\015\062\071\061\061\060\065\060\070\063\065\065\070\132
# 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_ISSUER MULTILINE_OCTAL
\130\350\253\260\066\025\063\373\200\367\233\033\155\051\323\377\215\137\000\360

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363

END

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

#
# Certificate "D-TRUST Root Class 3 CA 2 EV 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After: Mon Nov 05 08:50:46 2029
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
CKA_MODIFIED CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"

END

CKA_ID UTF8 "0"

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364

END

CKA_VALUE MULTILINE_OCTAL
\060\202\004\103\060\202\003\053\240\003\002\001\100\002\002\003\011\203\064\060\015\006\061\105\052\206\110\206\367\015\001\100\010\130\05
\000\060\120\061\103\060\011\100\060\03\125\004\006\023\002\104\105
\061\102\05\060\023\006\003\125\004\012\104\014\14\104\055\124\162\165\163
\164\04\010\15\15\142\11\006\105\060\05\060\06\003\125\004\003\014
\041\104\055\124\122\125\123\124\04\122\157\157\164\04\1033\154
\141\163\163\04\063\040\103\101\040\062\040\105\126\040\062\060
\060\071

END
# 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)
# 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\105\062\060\071
CKA_CERT_MD5_HASH MULTILINE_OCTAL\252\306\103\054\136\055\315\304\064\300\120\117\021\002\117\266
CKA_ISSUER MULTILINE_OCTAL\226\311\033\013\225\264\020\105\062\060\071
CKA_SERIAL_NUMBER MULTILINE_OCTAL\002\003\011\203\364
# 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:b0:8:acc1:63
# 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"

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END
[255]316|116|126|244|056|156|102|355|060|015|006|011|052|206|110
|206|367|015|001|010|130|050|000|032|020|020|010|000|046|006|136
|160|347|145|063|310|202|156|331|234|027|072|033|172|146|262|001
|366|170|073|151|136|057|352|377|116|371|050|033|230|055|141|114
|264|044|022|121|175|155|021|024|367|234|265|312|346|274|236|047
|216|14|033|105|215|275|172|300|032|270|066|016|155|205|162|156|250
|306|242|155|366|372|163|143|\177|274|156|171|010|034|123|521|223|237
|032|212|123|240|330|273|331|065|125|261|021|305|251|003|263|126
|073|321|120|243|230|042|136|167|301|366|022|122|213|352|054|147|274
|376|066|114|365|270|317|321|263|111|222|073|323|051|106|231|033
|226|367|141|270|073|304|053|266|170|151|246|043|157|360|375|323
|262|136|165|037|231|225|205|254|366|332|341|305|061|173|373|321
|106|263|322|274|147|264|142|124|272|01|116|7|143|260|022|242|232
|371|351|122|056|213|140|022|253|237|345|140|126|357|020|134|213
|304|032|102|334|203|133|144|016|313|265|274|326|117|301|174|074
|156|215|023|155|373|173|353|060|320|334|115|257|305|352|266|245
|114|133|161|111|350|061|276|350|070|006|110|241|032|342|352|322
|336|022|071|113|003|327|200|162|021|653|46|267|311|007|154|016
|357|377|070|361|230|161|042|267|177|016|025|320|004|51|151|275|042
|235|053|355|009|366|106|107|254|355|300|360|324|073|342|354|356
|226|631|220|023|116|036|162|072|353|260|357|226|273|226|043|021
|272|362|103|206|164|144|225|310|050|165|357|035|065|272|322|067
|203|070|123|070|066|073|171|154|351|371|153|016|320|373|004|350
|117|167|327|145|001|170|206|014|172|076|041|142|361|177|143|161
|104|131|237|104|333|250|047|242|165|276|156|201|076|327|300|353
|033|230|017|160|134|064|262|212|314|005|020|50|353|156|172|263
|367|132|241|007|277|251|102|222|263|140|042|227|344|024|241|007
|223|311|166|300|216|175|375|244|045|307|107|355|377|037|163|254
|314|303|245|351|157|012|216|233|145|032|120|205|265|243|240|123
|022|234|125|207|141|363|201|256|020|106|141|275|104|041|270|302
|075|164|317|176|044|065|372|034|007|162|233|075|042|312|357|061
|057|214|254|022|227|357|100|050|374|051|147|237|262|023|117|146
|044|304|123|031|351|036|051|025|357|346|155|260|177|055\147|375
|363|154|033|165|106|243|345|112|027|351|244|327|013

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_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:b0:8a: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_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\02\162\141\164\151\163
\154\141\166\161\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\156\163\056\061\031\060\027\006\003\125
\004\003\023\020\010\03\104\04\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
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
# Trust for "ACCVRAIZ1"
# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Serial Number:5e:c3:b7:a6:43:7f:a4:e0
# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Not Valid Before: Thu May 05 09:37:37 2011
# Not Valid After : Tue Dec 31 09:37:37 2030
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACCVRAIZ1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\223\005\172\210\025\306\117\316\210\057\372\221\026\122\050\170
\274\123\144\027
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\320\240\132\356\005\266\011\224\041\241\175\361\262\051\202\002
END
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\022\206\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\113\262\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\060\011\006\003\125\004\006
\023\002\105\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\136\303\267\246\103\177\244\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "TWCA Global Root CA"
# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 3262 (0xcbe)
# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid After : Tue Dec 31 15:59:59 2030
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE

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Open Source Used In Telstar 7.6.2 2370
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 "TWCA Global Root CA"
# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 3262 (0xcbe)
# 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 Global Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\234\273\110\123\366\243\366\323\122\244\350\062\122\125\140\023
\365\255\257\145

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\371\003\176\317\346\236\074\163\317\052\220\007\151\137\053\226

END

CKA_ISSUER_MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\239\011\124\101\111\127\101\116
\055\101\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
# 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

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TeliaSonera Root CA v1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\0225\267\026\026\240\0367\056\106\361\173\071\1202\162\372
\213\315\226

END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\070\060\022\003\040\024\000\003\002\001\002\000\021\000
\225\276\026\240\0367\056\106\361\173\071\122\162\372\123\315\226
\060\015\006\011\052\020\01\026\0367\015\001\001\005\005\000\060
\067\061\024\060\002\006\003\125\004\012\014\013\124\145\154\151
\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004\003
\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122\157
\157\164\040\103\101\040\166\061\060\036\027\015\060\067\061\060
# Certificate "E-Tugra Certification Authority"

# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A.....L=Ankara,C=TR
# Serial Number:6a:68:3e:9c:51:9b:cb:53
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A.....L=Ankara,C=TR
# Not Valid Before: Tue Mar 05 12:09:48 2013
# Not Valid After : Fri Mar 03 12:09:48 2023

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Certification Authority"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

END

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

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 Telstar 7.6.2  2379
# Trust for "E-Tugra Certification Authority"

# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

# Serial Number:6a:68:3e:9c:51:9b:cb:53

# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

# Not Valid Before: Tue Mar 05 12:09:48 2013

# Not Valid After : Fri Mar 03 12:09:48 2023


CKA_CLASS 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 "E-Tugra Certification Authority"

Certificate "T-TeleSec GlobalRoot Class 2"

Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

Serial Number: 1 (0x1)

Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

Not Valid After: Sat Oct 01 23:59:59 2033


END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_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)
# Subject: CN=TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): 2B:9B:9E:64:7B: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\021\020\061\013\006\001\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\160\151\143\145\163\040\107\155\142\110\061\1037\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\013\145\156\164\145\162\061\1045
\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_MODIFIABLE CK_BBOOL CK_FALSE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Atos TrustedRoot 2011"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\015\060\013\006\003\125\004\012\101\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\015\060\013\006\003\125\004\012\101\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\134\063\313\142\054\137\263\062
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\020\002\137\240\003\002\001\002\002\010\134
\063\313\142\054\137\263\062\060\015\006\011\052\206\110\206\367
\015\001\010\011\030\000\060\074\061\036\060\034\006\003\125\004
\003\014\025\101\164\157\163\040\124\162\165\163\164\145\144\122
\157\157\164\040\062\060\016\010\015\060\013\006\003\125\004
\012\014\004\101\164\157\163\061\013\060\011\006\003\125\004\006
\023\002\104\105\060\036\027\015\061\016\060\067\060\067\060\064
\065\070\063\060\013\122\027\015\063\060\061\062\063\061\062\063\065
\071\065\070\113\026\060\074\061\036\060\034\006\003\125\004\003\104
\025\101\164\157\163\040\124\162\165\163\164\145\144\122\157\157
\164\040\062\060\016\010\015\060\013\006\003\125\004\012\014
\004\101\164\157\163\061\013\060\011\006\003\125\004\006\023\002
\010\105\060\020\001\042\060\015\060\011\052\206\110\206\367\015
\001\010\011\000\005\000\003\202\001\017\000\060\020\001\012\002\020
\001\001\010\000\225\205\073\227\157\052\073\056\073\317\246\363\051
\065\276\317\030\025\046\076\252\331\317\011\152\040\076\032\107\271\274
\232\337\362\376\314\076\017\350\172\226\302\044\216\065\364\251
\014\374\202\237\55\301\162\142\047\275\352\153\353\347\212\314
\124\076\220\120\317\200\324\225\373\350\265\202\324\024\305\266
\251\125\054\127\333\261\120\366\260\140\144\131\172\151\137\003
\267\157\015\276\312\076\157\164\162\352\252\060\052\163\142\276
\111\122\141\130\021\376\016\003\052\367\152\040\034\002\025\015
\136\025\152\374\343\202\301\265\305\235\144\011\154\243\131\123
\007\047\307\033\226\053\141\164\161\154\103\361\136\065\211\020
\340\236\354\125\241\067\042\242\207\004\005\054\107\175\264\034
BASE64_ENCODED_CERTIFICATE

END

# Trust for "Atos TrustedRoot 2011"
# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Serial Number:5e: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_NSS_TRUST
# CKA_TOKEN CK_BBOOL CK_TRUE
# CKA_PRIVATE CK_BBOOL CK_FALSE
# CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Atos TrustedRoot 2011"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\053\261\365\076\125\014\035\305\361\324\346\267\152\106\113\125
\006\002\254\041
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\256\271\304\062\113\254\177\135\146\314\167\224\273\052\167\126
END
CKA_ISSUER MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\016\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\103\060\011\006\003\125\004\006\023\002\104\105
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\134\063\313\142\054\137\263\062
END
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\012\014\004\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\016\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\103\060\011\006\003\125\004\006\023\002\104\105
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
# 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"

# 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_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\001\110\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\044
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\0003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\040\070\063
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\001\110\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\044
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\0003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\040\070\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\121\123\365\362\363\270\053\073
\133\247\046\360\165\050
END

CKA_VALUE MULTILINE_OCTAL
\060\020\002\003\110\240\003\002\001\002\002\024\104
\127\064\044\133\201\121\123\365\362\363\270\053\073\133\247\046
\360\165\050\060\015\006\011\052\206\110\206\367\157\150\100\010\1013
\000\050\006\011\010\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\044
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\062\040\070\063\060\036\027\015
\061\062\060\061\016\062\061\070\065\071\063\062\132\027\150\064
\062\060\061\061\062\061\070\065\071\063\062\132\020\110\061\1013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\062\040\107\063\060\020\002\024\060\015\006\011\052\206
Open Source Used In Telstar 7.6.2  2392
# 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):

CKA_CLASS CK_OBJECT_CLASS 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\0341
\045\365\131\066
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

# 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):
9D:76:5F:5E:1C:0A:9B:0D:8E:37:6B:1A:2F:3D:3D

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT_MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
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\250\304\071\006\347\060\155\047\226\346\244
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\337\175\271\255\124\157\150\241\137\211\127\003\227\103\260\327 END

CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\000\233\023\002\221\150\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\140\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_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "DigiCert 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
# 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_CERT_SHA1_HASH MULTILINE_OCTAL
\241\113\110\331\103\356\012\016\100\220\117\074\340\244\300\221
\223\121\135\077
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\222\070\271\370\143\044\202\145\054\127\063\346\376\201\217\235
END

CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232
\364\113
END

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

# Certificate "DigiCert Assured ID Root G3"
#
# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):
\060\0145\061\0130\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\1145
\162\164\040\111\115\164\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\176\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\104\060\042\060\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354

END

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

#
# Certificate "DigiCert Global Root G2"
#
# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\014\130\130\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\1145
\162\164\040\111\115\164\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\176\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\104\060\040\060\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\1145
\162\164\040\111\115\164\143\061\031\060\027\006\003\125\004\013\023

Open Source Used In Telstar 7.6.2 2403
OPEN SOURCE USED IN TELSTAR 7.6.2

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
# 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 Global Root G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\337\074\044\371\277\326\146\166\033\046\200\163\376\006\321\134 \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\106\101\13\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011
\372\345
END

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

#
# Certificate "DigiCert Global Root G3"
#
# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\103\066\001\110\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\103\066\001\110\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
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "DigiCert Global Root G3"
# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\176\004\336\211\152\076\146\155\000\346\207\323\077\372\331\073
350\075\064\236
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\365\135\244\120\245\373\050\176\036\017\151\314\226\127\126\312
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\001\100\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\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\140\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\120\000\05\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# # Certificate "DigiCert Trusted Root G4"
#
# # Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# 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):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Trusted Root G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061\041\060\037\006\003\125\004\003\023\030\014\151\147\151\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157\164\040\107\064\END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061\041\060\037\006\003\125\004\003\023\030\014\151\147\151\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157\164\040\107\064\END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\05\233\033\127\236\216\041\062\342\071\007\275\247\167\165\134\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\142\061\103\060\011\006\003\125\004\006\023\002\125\205\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061\041\060\037\006\003\125\004\003\023\030\014\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_VALUE MULTILINE_OCTAL
\060\202\005\220\060\022\003\170\240\003\002\001\002\000\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167\165\134\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\142\061\103\060\011\006\003\125\004\006\023\002\125\205\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061\041\060\037\006\003\125\004\003\023\030\014\151\147\151\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157\164\040\107\064\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 "DigiCert Trusted Root G4"
# Issuer: CN=DigiCert Trusted Root G4,O=www.digicert.com,O=DigiCert Inc,C=US
# 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 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\123\056\165\111
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\031\145
\162\164\040\011\156\143\061\031\060\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\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
END
CKA_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
# 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 "COMODO RSA Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\031\145
\162\164\040\011\156\143\061\031\060\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\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END

Open Source Used In Telstar 7.6.2 2412
CKA_CLASS CK_OBJECT_CLASS 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"

# Trust for "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
# 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
# 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 CKC_X_509
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"
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\120\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\125\123\124\040\116\145\164\167\151\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065\003
\101\060\013\060\011\006\003\125\004\006\023\002\125\123\061\023
\060\021\060\003\125\004\010\023\012\116\145\167\040\112\145\162
\163\145\171\061\024\060\022\060\003\125\004\007\023\013\112\145
\162\163\145\171\040\103\151\164\171\061\036\060\034\006\003
\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\336\060\202\003\306\240\003\002\001\002\002\020\001\375\155\060
\374\243\312\121\250\033\274\144\016\065\003\003\002
\101\060\013\060\011\006\003\125\004\006\023\002\125\123\061\023
\060\021\060\003\125\004\010\023\012\116\145\167\040\112\145\162
\163\145\171\061\024\060\022\060\003\125\004\007\023\013\112\145
\162\163\145\171\040\103\151\164\171\061\036\060\034\006\003
\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END

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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
CKA_TOKEN CK_BBOOL CK_TRUE
CKAPRIVATE 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\n\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\0201\210\061\013\060\011\060\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\012\050\040\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\016\145\162\163\151\162\153\061\056\050\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\163\164\040
\122\123\101\040\103\145\162\163\145\171\036\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\016\145\162\163\151\162\153\061\056\050\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\163\164\040
\122\123\101\040\103\145\162\163\145\171\036\034\006

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\001\037\024\155\060\374\243\312\121\250\033\274\144\016\065
\003\055

END

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

#
# Certificate "USERTrust ECC Certification Authority"
#
# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECMULTILINE_OCTAL
\060\0201\210\061\013\060\011\060\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\012\050\040\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\151\162\153\061\056\050\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\030\040\103\145\162\164\151\146\151\143\141\164\151\157

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Open Source Used In Telstar 7.6.2  2422

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 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
# 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 "USERTrust ECC Certification Authority"
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL


003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\013\010\040\013\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END

CAK_SERIAL_NUMBER MULTILINE_OCTAL
002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200
\314\046
END

CAK_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CAK_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CAK_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CAK_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
# Fingerprint (SHA-256):
CAK_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CAK_TOKEN CK_BBOOL CK_TRUE
CAK_PRIVATE CK_BBOOL CK_FALSE
CAK_MODIFIABLE CK_BBOOL CK_FALSE
CAK_CERTIFICATE UTF8 "GlobalSign ECC Root CA - R5"
CAK_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CAK_SUBJECT MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\010\103\013\030\040\122\157\157\164
\040\010\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END

CAK_ID UTF8 "0"
CAK_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\010\103\013\030\040\122\157\157\164
\040\010\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END

CAK_SERIAL_NUMBER MULTILINE_OCTAL
# Open Source Used In Telstar 7.6.2

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\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\1371
\112\330\154
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\036\060\202\001\244\240\000\302\001\002\002\021\140
\131\111\340\046\056\273\125\371\012\167\212\161\1371\112\330\0154
\060\012\006\010\052\206\110\316\075\004\003\003\060\120\061\044
\060\042\006\003\125\004\013\023\033\107\154\157\142\141\154\123
\151\147\156\040\015\013\030\040\122\157\157\164\040\010\310\040
\055\040\122\065\061\102\036\021\006\003\125\004\012\023\012\017
\154\157\142\141\154\123\151\147\156\060\036
\027\015\061\062\061\061\106\063\060\060\060\060\060\060\060\060\0132\027
\015\063\070\069\060\061\010\071\060\063\061\064\060\067\132\060\0120
\061\044\060\042\006\003\125\004\013\023\033\107\154\157\142\141
\154\123\151\147\156\040\015\013\030\040\122\157\157\164\040\0103
\101\040\055\040\012\022\065\061\102\036\021\006\003\125\004\012\023
\012\017\015\147\156\016\023\060\021\006
\003\012\25\004\030\023\012\017\154\157\142\141\154\123\151\147\156
\060\016\060\092\006\006\070\052\206\110\316\075\002\001\006\005\053
\201\010\040\000\042\003\014\220\000\04\017\010\050\162\226\373\175\135\277
\351\071\321\041\370\237\013\266\325\173\036\222\072\110\131\034
\360\142\060\105\300\017\205\030\376\032\247\134\263\266\134\227\347
\105\324\130\372\321\167\155\103\242\003\145\064\012\037\172
\335\533\074\063\241\130\235\115\244\157\101\225\070\177\311\0136
\204\033\533\231\236\111\122\207\224\020\14\072\205\112\146\237\235
\131\122\31\152\277\14\110\026\112\243\120\026\100\060\016\006\003
\125\035\017\010\001\013\770\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\000\137\770\004\005\060\060\003\001\000\137\770\060\035\006
\003\125\035\016\004\026\000\042\024\075\346\051\110\233\352\007\372
\041\104\011\012\046\336\156\336\322\033\320\237\131\060\012\226\010
\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061\000
\345\151\022\111\156\333\306\061\127\011\110\341\122\370\037\337\357
\232\242\175\022\311\155\174\144\323\131\005\045\213\126\331\1240
\347\136\135\116\013\203\234\133\166\051\124\011\046\041\152\142
\002\060\161\132\226\265\217\134\352\073\341\170\011\205\250\165\222
\073\310\134\375\110\357\015\164\042\250\010\342\156\305\111\1316
\307\014\274\247\141\151\361\367\073\341\052\313\037\105\363\1146
\220\067
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
# 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 ECC Root CA - R5"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\037\044\306\060\315\244\030\357\040\151\377\255\117\335\137\106
\072\033\151\252
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\237\255\073\034\002\036\212\272\027\164\070\021\014\242\274\010
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\020\063\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\013\023\157\157
\041\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der Nederlanden Root CA - G3"
#
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Serial Number: 10003001 (0x98a239)
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Not Valid Before: Thu Nov 14 11:28:42 2013
# Not Valid After : Mon Nov 13 23:00:00 2028
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\001\006\000\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\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040\122\157\157\164\040\013\101\040\055\040\010\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\001\006\000\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\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040\122\157\157\164\040\013\101\040\055\040\010\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\242\071
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\164\060\020\003\134\240\003\002\001\002\002\004\000\230\242\071\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\006\013\026\013\060\011\006\003\125\004\006\023\002\116\114\061\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040\122\157\157\164\040\013\101\104\055\104\107\063\060\036\027\015\061\063\061\061\061\064\061\063\064\060\062\070\070\064\062\132\027\015\062\070\061\061\061\063\062\063\060\060\060\060\132\060\013\061\013\060\011\006\003\125\004\006\023\002\116\114\061\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040\122\157\157\164\040\013\101\104\105\040\107\063\060\020\020\020\020\020\020\020\017\000\060\020\002\012\002\020\020\020\017\024\365\027\147\030\034\057\111\101\040\134\131\137\346\341\046\141355
170373120\2611334153\062360242\3762660743441534132227

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Open Source Used In Telstar 7.6.2  2428

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Staat der Nederlanden 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_CLASS CK_OBJECT_CLASS 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_ISSUER MULTILINE_OCTAL
\330\353\153\101\121\222\131\340\363\347\205\000\300\075\266\210
\227\311\356\374
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\013\061\147\007\333\020\057\031\214\065\120\140\321\013\364\067
END
CKA_ISSUER_MULTILINE_OCTAL
\060\132\061\013\060\001 \100\06\003\125\004\006\023\002\116\114\061
\036\060\034\000\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\000\003\125\004\003\014\021\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Staat der Nederlanden EV Root CA"
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
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 "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_MD5HASH MULTILINE_OCTAL
\374\006\257\173\350\032\361\232\264\350\322\160\037\300\365\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\001\001\012\125\004\006\023\002\116\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIALNUMBER MULTILINE_OCTAL
\002\004\000\230\226\215
END
CKA_TRUSTSERVERAUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUSTEMAILPROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUSTCODESIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUSTSTEPUPAPPROVED 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):
CKA_CLASS CK_OBJECT_CLASS 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_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060112\0611013\060011\00600003\125004006023\0021\25\123061
\0220600200000031\25004012023011\11144145156124162
\1651631640610470600450060031\25004003023036111144
\145156124162165163164040103157155155145162143151
\141154040122157157164040103101040061END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060112\0611013\060011\00600003\125004006023\0021\25\123061
\0220600200000031\25004012023011\11144145156124162
\1651631640610470600450060031\25004003023036111144
\145156124162165163164040103157155155145162143151
\141154040122157157164040103101040061END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\001102\20000000000001\105043310104265000000
\0000002END
CKA_VALUE MULTILINE_OCTAL
\06020202005140060220200311024000300201002002020012
\001102200000000001\105043310104265000000000002060
\015006011052206110206367015001011100500000611112
\0611030600110060031\250040060230201\25123061022060
\020000030125004012023011\11144145156124162165163
\1640610470600450060031\25004003023036111144145156
\124162165163164040103157155155145162143151141154
\1400121571571640401031010406106036027015061064
\060606106106601070610620620631\32027010563064060
\061060106601070610620620631\3202601120610130601011
\06006011250040060230212512306102206002000603125
\00401220301111144145156124162165163164061047060
\0450060031\25004003023036111144145156124162165163
\164040103130157155155145162143151141154040122157157
\164040103110140061060202020420600150601015206
\1102061367015001011001005000003020200201700006020
\00201200202020020010002471207031336077231075324063
\1066361157121141202262251111721711472111315204331123
\33501405033132736037725622510316231371265135174
\22123101202340611201643212010157413512330412533103
\3422542551136206156363011212037132062275242353224
\3713501340123354377230322257161263264123237116207
\3572222742753543117062060201113027136127304123302
\36600222721533311420532770440371421251337303270051
\131111170074223140210042374231332066310302242324
# Trust for "IdenTrust Commercial Root CA 1"
# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Serial Number:0:a: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\131\112\204\123\140\055\110\336\137 \274\360\072\045
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\263\076\167\163\165\356\240\323\343\176\111\143\111\131\273\307 END
CKA_ISSUER MULTILINE_OCTAL
\060\112\060\101\130\060\011\006\003\125\004\006\023\002\125\123\061\022\060\020\006\003\125\004\012\023\011\11\144\145\156\124\162 \165\163\164\061\147\060\045\006\003\125\004\003\023\036\111\144 \145\156\124\162\165\163\164\040\033\157\151\155\155\145\162\143\151 \141\154\040\122\157\157\164\040\031\101\104\061 END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
# 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

CKA_CLASS CK_OBJECT_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
\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\000\001\105\043\317\106\174\000\000

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\000\001\105\043\317\106\174\000\000

CKA_VALUE MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\000\001\105\043\317\106\174\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_FALSE
# Trust for "IdenTrust Public Sector Root CA 1"
# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02
# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 17:53:32 2014
# Not Valid After : Mon Jan 16 17:53:32 2034
# Fingerprint (SHA-256):

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

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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 "IdenTrust Public Sector Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
Æ2720511011140167230077136413631357136206100507330563352
\155\115\105\375
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\006\245\260\374\121\123\272\236\153\214\032\144\315\325\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\101\060\000\125\004\060\023\002\125\123\061\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\060\033\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Entrust Root Certification Authority - G2"
# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc." ,C=US
# Serial Number: 1246989352 (0x4a538c28)
# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc." ,C=US
# Not Valid Before: Tue Jul 07 17:25:54 2009
# Not Valid After : Sat Dec 07 17:55:54 2030
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\127\164\054\040\066\000\111\125\004\006\023\002\125\123
\061\102\126\060\124\066\000\111\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\111\156\143\056\061\150\060\046\006\000\113\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\114\154\155\164\145\162
\155\163\066\107\160\067\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\114\154\155\164\145\162
\040\062\060\060\071\104\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\114\165\164\150\157\162
\151\172\145\144\040\165\163\145\154\171\061\062\060
\160\000\003\125\004\003\023\015\105\156\164\162\165\163\164\040
\122\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\102\127\164\054\040\066\000\111\125\004\006\023\002\125\123
\061\102\126\060\124\066\000\111\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\111\156\143\056\061\150\060\046\006\000\113\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\114\154\155\164\145\162
\155\163\066\107\160\067\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\114\154\155\164\145\162
\040\062\060\060\071\104\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\114\165\164\150\157\162
\151\172\145\144\040\165\163\145\154\171\061\062\060
\160\000\003\125\004\003\023\015\105\156\164\162\165\163\164\040
\122\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\112\123\214\050

END

CKA_VALUE MULTILINE_OCTAL
\060\02\02\02\04\07\06\06\02\02\00\03\04\06\240\003\002\001\002\002\004\112
\123\14\050\060\150\060\11\052\206\11\206\367\015\001\010\013
\005\000\060\02\127\061\10\13\060\01\110\060\003\125\004\006\203\002
\125\12\061\10\26\060\02\04\060\03\125\004\012\023\15\105\156\164
\162\165\163\164\054\040\111\115\156\143\056\061\150\060\046\006\003
\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156\164
\162\165\163\164\056\156\145\164\057\154\154\145\147\141\154\055\164
\145\162\155\163\061\10\160\067\006\003\125\004\013\023\060\050
\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164\054
\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164\150
\157\162\151\172\145\144\040\165\163\145\150\157\156\154\171\061
\062\060\060\060\003\125\004\003\023\015\110\156\164\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 "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
# Fingerpint (SHA-256):
# Fingerpint (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 "Entrust Root Certification Authority - G2"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\214\364\047\375\171\014\072\321\146\006\215\350\036\127\357\273
\223\042\162\324

END

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

END

CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\060\003\125\004\006\023\002\125\123
\061\020\060\024\006\003\125\004\012\023\15\10\156\161\162\165
\163\164\054\040\11\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\161\162\165
\163\164\056\156\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\060\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\015\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\10\156\161\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\112\123\214\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "Entrust Root Certification Authority - EC1"
#
# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9
# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Dec 18 15:25:36 2012
# Not Valid After : Fri Dec 18 15:55:36 2037
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_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\021\277\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\126\060\024\006\003\125\004\012\123\015\051\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\060\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\100\003\125\004\013\023\060\050\143\051
\040\062\060\061\106\020\040\105\156\164\162\165\163\164\054\040\011
\165\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\106\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\010
\103\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
```
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Entrust Root Certification Authority - 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
\040\330\006\100\337\233\045\365\022\045\072\021\352\367\131\212 \353\024\265\107
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\266\176\035\360\130\035\111\154\044\073\075\355\230\030\355\274 END
CKA_ISSUER MULTILINE_OCTAL
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
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\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\149\054\004\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\145\145\167\167\167\167\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\066\107\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\016\003\125\004\003\023\052\103\116\141
\106\151\156\141\156\143\141\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\064\050\010\162\040\055\040\105
\103\061
END

cka_serial_number multiline_octal
\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371
END

cka_trust_server_auth ck_trust ck_trust_server_auth
cka_trust_email_protection ck_trust ck_trust_email_protection
cka_trust_code_signing ck_trust ck_trust_code_signing
cka_trust_step_up_approved ck_bbool ck_false

#
# Certificate "CFCA EV ROOT"
#
# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Serial Number: 407555286 (0x184accd6)
# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Not Valid Before: Wed Aug 08 03:07:01 2012
# Not Valid After : Mon Dec 31 03:07:01 2029
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
cka_class ck_object_class ck_certificate
cka_token ck_bbool ck_true
cka_private ck_bbool ck_false
cka_modifiable ck_bbool ck_false
cka_label utf8 "CFCA EV ROOT"
cka_certificate_type ck_certificate_type ckc_x_509
cka_subject multiline_octal
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\149\054\004\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\145\145\167\167\167\167\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\066\107\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\016\003\125\004\003\023\052\103\116\141
\106\151\156\141\156\143\141\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\064\050\010\162\040\055\040\105
\103\061
END

cka_id utf8 "0"
cka_issuer multiline_octal
# Trust for "CFCA EV ROOT"
# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Serial Number: 407555286 (0x184accd6)
# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Not Valid Before: Wed Aug 08 03:07:01 2012
# Not Valid After: Mon Dec 31 03:07:01 2029
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CFCA EV ROOT"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
# 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):
# 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 "OISTE WISeKey Global Root GB CA"
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

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END

END

CKA_VALUE MULTILINE_OCTAL

END

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 "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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GB CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\371\100\166\030\323\152\113\230\065\236\014\375\147\254\314\355
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\244\353\271\141\050\056\267\057\230\260\065\046\220\231\121\035
END

CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\100\063\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\060\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
\171\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366
\302\300
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Certificate "SZAFIR ROOT CA"

# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SZAFIR ROOT CA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040\103\1\010\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040\103\1\010\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001\353\055\334\344\326\344

END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\162\060\020\002\132\240\003\002\001\002\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001\353\055\334\344\326\344

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 “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):
\42\353\334\344\344\344
END
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\355\354\333\044\275\156\050\363\234\314\317
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\144\301\211\260\044\261\214\261\007\176\211\236\121\236\231
END
CKA_ISSUER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Certum Trusted Network CA 2"
# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
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_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\021\020\006\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\015\006\003\125\004\013\023\036\013
\145\162\164\165\155\040\013\145\162\164\151\146\151\143\141\164
\151\157\156\040\010\165\164\150\157\162\151\164\171\061\044\060
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\021\020\006\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\015\006\003\125\004\013\023\036\013
\145\162\164\165\155\040\013\145\162\164\151\146\151\143\141\164
\151\157\156\040\010\165\164\150\157\162\151\164\171\061\044\060
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\004\132\032\020\112\117\045\017\311\062\067\374\252\136\022
\215\351
END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\322\206\022\022\003\272\240\003\002\001\002\002\002\004
\326\320\112\117\045\017\311\062\067\374\252\136\022\215\351\060
\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060\201
\200\006\010\300\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
\145\040\124\145\143\150\156\157\154\157\147\151\145\163\040
\101\056\061\047\060\045\006\003\125\004\013\023\036\013
\145\162
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 "Certum Trusted Network CA 2"
# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL

Open Source Used In Telstar 7.6.2 2458
# 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
CKA_CLASS CK_OBJECT_CLASS 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 \323\335\110\076\053\277\114\005\350\257\020\365\372\166\046\317 \323\334\060\222 END
CKA_CERT_MD5_HASH MULTILINE_OCTAL \155\106\236\331\045\155\010\043\133\136\164\175\036\047\333\362 END
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\015\172\145 \164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040 \123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103 \145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164 \151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060 \042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124 \162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103 \101\040\062 END
CKA_SERIAL_NUMBER MULTILINE_OCTAL \002\202\041\326\320\112\117\045\017\311\062\067\374\252\136\022 \215\351 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 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"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\246\061\013\060\001\11\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\151\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\246\061\013\060\001\11\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\151\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\013\060\001\11\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
# 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\266\225\352
\051\351\022\246
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\377\342\333\003\331\131\113\351\017\255\204\375\173\030\316
END
CKA_ISSUER MULTILINE_OCTAL
\060\020\246\061\013\060\011\006\003\125\004\006\230\002\107\122
\061\017\060\015\006\003\125\004\007\230\006\101\164\150\145\156
\163\061\104\060\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\140\122\145\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\060\003\125\004\003
\023\067\110\145\154\151\156\151\143\040\101\143\141\144\145
\145\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\161\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Hellenic Academic and Research Institutions ECC RootCA 2015"
# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015.O=Hellenic Academic and 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
CKA_SUBJECT MULTILINE_OCTAL
\060\012\052\061\013\060\001\011\006\003\012\050\004\006\023\002\107\122
\061\017\060\001\015\006\003\012\050\004\007\023\006\010\116\141\150\145\156
\163\061\010\040\060\010\006\003\012\050\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\150\040\111\156\163\164\151
\164\165\164\151\157\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\010\006\003\012\050\004\003
\02\03\073\110\145\154\154\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\146\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\04\09\062\060\061\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\012\052\061\013\060\001\011\006\003\012\050\004\006\023\002\107\122
\061\017\060\001\015\006\003\012\050\004\007\023\006\010\116\141\150\145\156
\163\061\010\040\060\010\006\003\012\050\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\150\040\111\156\163\164\151
\164\165\164\151\157\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\010\006\003\012\050\004\003
\02\03\073\110\145\154\154\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\146\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\04\09\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\012\052\061\013\060\001\011\006\003\012\050\004\006\023\002\107\122
\061\017\060\001\015\006\003\012\050\004\007\023\006\010\116\141\150\145\156
\163\061\010\040\060\010\006\003\012\050\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\150\040\111\156\163\164\151
\164\165\164\151\157\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\010\006\003\012\050\004\003
\02\03\073\110\145\154\154\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\146\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\04\09\062\060\061\065
END
Open Source Used In Telstar 7.6.2

# Trust for "Hellenic Academic and Research Institutions ECC RootCA 2015"
# 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

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\001\110\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\001\110\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\010\002\020\020\0317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\153\060\202\003\123\240\003\022\001\002\002\021\000
\202\020\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END

Open Source Used In Telstar 7.6.2 2467
\042\004\353\377\331\177\352\221\053\042\261\027\016\217\362\212\064\133\130\030\037\400\131\111\124\271\270\046\314\212\210\063\211\114\055\204\074\202\337\356\226\270\005\272\054\273\367\304\267\307\16\073\202\276\061\131\042\163\163\222\331\032\200\244\071\071\120\063\043\202\114\074\237\206\262\215\230\035\276\051\206\214\042\233\236\342\153\073\127\072\022\201\160\115\334\011\130\071\111\313\012\007\115\154\350\135\216\311\357\316\253\307\273\265\053\116\105\326\112\332\046\314\345\162\312\010\152\245\225\343\025\241\367\244\353\311\110\041\137\245\373\377\254\050\002\056\276\327\173\273\343\161\173\220\026\323\007\136\106\123\174\067\007\102\214\323\304\226\234\325\231\265\052\340\225\032\200\110\256\114\071\007\316\314\107\24\112\225\053\272\270\373\255\322\063\123\175\345\035\115\155\325\242\130\071\102\157\346\100\047\065\134\243\050\267\007\215\347\215\063\220\347\043\237\373\120\234\171\154\106\325\264\025\262\326\215\233\014\226\072\270\122\055\077\236\133\341\137\301\030\204\376\044\250\043\211\032\254\152\341\030\052\262\250\010\133\323\037\334\073\215\166\362\055\350\215\163\307\063\154\075\123\373\173\313\011\137\377\334\242\320\141\070\341\226\270\254\135\213\067\327\165\325\063\300\231\102\212\256\235\101\030\162\165\204\276\002\010\110\137\204\044\110\022\342\231\007\276\007\077\271\270\172\201\164\121\341\172\267\355\235\043\342\276\340\325\050\004\023\074\061\003\236\335\172\154\217\306\007\030\306\177\336\107\216\077\050\236\004\006\317\245\124\064\167\275\354\211\233\351\027\033\371\133\333\137\376\216\036\127\242\315\100\235\176\142\042\323\336\030\047\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

END
# 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

CKA_CLASS CK_OBJECT_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_CLASS CK_OBJECT_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"
# 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
# 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"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\354\120\065\007\262\025\304\225\142\031\342\250\232\133\102\231
\054\114\054\040
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\342\011\004\264\323\275\321\240\024\375\032\322\107\304\127\035
END
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\001\100\060\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\010\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151
\007
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Amazon Root CA 1"
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# 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_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
0600710611013060011006000312500040060230021251123061
0170600115000003125000401202300610115514117211571156
06110306002700600312500040030230201011551411721157
156040122115711571164040103101040061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
0600710611013060011006000312500040060230021251123061
0170600115000003125000401202300610115514117211571156
06110306002700600312500040030230201011551411721157
156040122115711571164040103101040061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
002023006115423731723102772140120713423601170212103
346226066133132
END
CKA_VALUE MULTILINE_OCTAL
06002020031101602020020051240003002001002002023006
15423731723102772140120713423601170212103346226066
1331120600150006011052020610206367015001001013005
0000000710611030600111006000312500040060230021251123
0611017060011500000312500040120230061011551411721157
15606101306002700600312500040030230201011551411721172
1571516040122115711571164040103101040061060036027015
0611065060065062066060606006006060600606060060132027015063
0700600161061067060060600600606060606060606060606071061013
060011100600312500040060230021251123061107060015006
003125000401202300610115514117211571156061031060027
06000631250004003023020115514117211571560401221157
1571164040103101040061060020020010420060150606101502
2061102063670150010010010050000003202001170000060
2020020112020200100100002621702001161121170325343
16112571072001201641751563303272210166364231150367
1300411400371164204001057254002055206323240103172
11626224432006627200127621533311031000702270066114
3643562100433077063530670365265031370111150260336
3272711660700351411236244376020066245345112126344
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\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\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
# 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_CERT_SHA1_HASH MULTILINE_OCTAL
\132\214\357\105\327\246\230\023\012\023\006\003\125\004\003\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\310\345\215\316\250\102\342\172\300\052\134\174\236\046\277\146

END

CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\100\060\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067

END

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

# Certificate "Amazon Root CA 3"
#
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# 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\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\060\003\125\004\003\023\020\101\155\141\172\157\156\056\040\122\157\157\164\040\103\101\040\063  
END  
CKA_ID UTF8 "0"  
CKA_ISSUER MULTILINE_OCTAL \060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027\060\003\125\004\003\023\020\101\155\141\172\157\156\056\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\1236\166\003\362\112  
END  
CKA_VALUE MULTILINE_OCTAL \060\020\001\132\240\003\002\001\002\002\023\006 \154\237\325\164\227\066\146\077\073\013\232\331\350\1236\166\003\362\112  
END
# 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

CKA_CLASS CK_OBJECT_CLASS 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"

END

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# 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
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 4"

END

CKA_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END

CKA_VALUE_MULTILINE_OCTAL

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 "Amazon Root CA 4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\x36\x66\x05\x33\x33\x01\x01\x61\x01\x40\x32\x22\x00\x00\x35\x01\x43\x27\x25\x32\x04\x47\x37\x33\x36\x00
\x70\x11\x56\x13\x35\x32\x07\x25\x31\x11\x20\x12\x52\x24\x33\x13\x04\x00\x23\x01\x05\x13\x50\x26
\x33\x33\x75\x35\x00\x20\x15\x53\x23\x24\x34\x00\x34\x33\x27\x51\x37\x20\x42\x16\x36\x60\x14\x44
\x06\x32\x24\x01\x33\x04\x00\x57\x16\x07\x22\x21\x02\x24\x10\x52\x24\x01\x16\x37\x00\x21\x12\x56\x14\x42
\x00\x63\x30\x41\x13\x33\x07\x11\x56\x05\x12\x60\x03\x61\x37\x20\x56\x13\x44\x23\x10\x02\x60\x10\x00
\x60\x00\x17\x00\x06\x00\x31\x25\x03\x05\x23\x00\x01\x00\x13\x77\x00\x04\x00\x50\x60\x00\x03\x01\x00\x01
\x37\x77\x06\x00\x16\x00\x00\x31\x25\x03\x05\x17\x00\x01\x01\x13\x77\x00\x04\x00\x03\x00\x02\x00\x01
\x20\x60\x06\x00\x35\x00\x00\x31\x25\x03\x05\x16\x00\x04\x02\x60\x00\x04\x02\x43\x32\x35\x43\x07\x02
\x14\x51\x15\x64\x34\x31\x33\x22\x16\x66\x23\x22\x12\x63\x73\x23\x43\x63\x20\x65\x55\x12\x27\x35\x20\x21
\x06\x01\x12\x00\x06\x00\x10\x05\x52\x20\x61\x11\x03\x16\x07\x55\x00\x04\x00\x03\x00\x03\x15\x00\x00\x00\x60
\x14\x51\x02\x06\x00\x07\x22\x13\x04\x13\x61\x27\x51\x76\x02\x12\x55\x32\x05\x37\x13\x02\x26\x05\x57
\x32\x63\x53\x23\x51\x76\x22\x20\x21\x05\x53\x31\x71\x46\x12\x53\x03\x05\x34\x33\x05\x20\x15\x16\x00
\x01\x21\x07\x16\x36\x00\x67\x13\x10\x22\x37\x77\x05\x53\x21\x22\x24\x05\x01\x16\x05\x52\x11\x70\x65
\x11\x56\x13\x12\x02\x06\x01\x00\x03\x52\x16\x50\x00\x11\x60\x73\x30\x04\x07\x22\x24\x02\x22\x21
\x31\x11\x10\x06\x23\x50\x41\x02\x31\x16\x24\x72\x10\x23\x42\x12\x34\x11\x14\x11\x23\x33\x22
\x32\x42\x54\x21\x13\x53\x13\x11\x02\x21\x12\x03\x06\x31\x23\x57\x34\x47\x26\x04\x37\x26
\x01\x21\x66\x32\x42\x45\x27\x40\x20

END
# Certificate "Symantec Class 1 Public Primary Certification Authority - G6"

# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,O=Symantec Trust Network,O=Symantec Corporation,C=US
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,O=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 1 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\001\100\006\003\125\004\006\023\002\125\123\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\015\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

CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\001\100\006\003\125\004\006\023\002\125\123\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\156\040\122\157\157\164\040\103\101\040\064
END

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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
062/062/062/060/070/063/061/060/060/060/060/060/060

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):
# 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 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\121\177\141\036\051\221\153\123\202\373\162\347\104\331\215\303
\314\123\155\144
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\057\250\264\332\366\144\113\036\202\371\106\075\124\032\174\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\133\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\003\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\013\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\013\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\200\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\201\224\061\013\060\001\11\006\000\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\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\102\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\001\11\006\000\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\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\102\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\144\202\236\067\036\164\135\374\227\377\227\310\261
\377\101
END

CKA_VALUE MULTILINE_OCTAL
\060\201\224\061\013\060\001\11\006\000\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\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\102\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_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\060\060\060\060\060\060\132
END

# Trust for "Symantec Class 2 Public Primary Certification Authority - G6"
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
 Network,O=Symantec Corporation,C=US
 # 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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\100\263\061\240\351\277\350\125\274\071\122\312\160\117\116\302
\121\324\035\217
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\175\013\203\345\373\174\255\007\117\040\251\265\037\143\355\171
END

CKA_ISSUER_MULTILINE_OCTAL
\060\201\224\061\013\060\011\010\003\033\125\004\000\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\013\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\166\145\164\167\157\162\153
\061\105\060\013\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\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\374\227\377\227\310\261
\377\101
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root CA 3 2013"
#
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Serial Number: 1039788 (0xfddac)
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Not Valid Before: Fri Sep 20 08:25:51 2013
# Not Valid After : Wed Sep 20 08:25:51 2028
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_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_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\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_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\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\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
END
CKA_VALUE MULTILINE_OCTAL
\060\02\004\016\060\02\023\366\240\003\002\001\002\002\002\003\017
\335\254\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\105\061\103\060\011\006\003\125\004\006\023\002\104\105
# 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 (0xffddac)
# 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\360\350\303\170
\337\157\357\227
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\042\146\230\176\326\003\340\301\161\134\165\315\126\105\277
END

CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\036\001\010\060\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
# 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
\060\013\060\011\006\003\125\004\006\023\002\124\122
\040\005\040\113\157\143\141\145\154\151\061\102\060\100\003\006\003\125\004\007\023\171\107\145\142\172\145
\040\005\040\113\157\143\141\145\154\151\061\102\060\100\003\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\106\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\160\040\123\115\040\123\131\140\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061

END

CKA_ID UTF8 "0"

CKA_ISSUER.MULTILINE_OCTAL
\060\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\006\026\000\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
\000\060\202\001\012\002\202\002\000\001\000\025\165\060\063\252\273
\153\232\231\054\022\067\204\331\125\173\227\200\032\156\347\377
\233\120\225\076\220\225\126\102\327\031\174\046\204\215\222\232
\001\035\072\017\342\144\070\267\214\274\350\201\103\137\044\253
\056\243\365\067\344\100\121\036\030\045\171\120\156\037\073\377\154
\250\035\030\061\126\370\264\355\212\104\243\253\154\114\374\350\352
\334\035\150\275\131\344\252\316\360\1125\367\242\064\324\203\153
\067\174\034\032\376\265\003\035\127\316\274\264\262\305\355\000
\017\126\067\052\115\364\117\014\203\373\332\061\133\376\214\116
\275\207\371\247\213\041\127\234\172\337\003\147\211\054\235\227
\141\247\020\270\125\220\177\016\160\055\047\070\164\337\343\375\332
\116\022\343\115\025\042\002\301\130\340\340\374\017\255\212\123\273\111
\124\120\314\073\017\312\026\202\020\043\201\121\126\303\216\126\177
\211\042\063\057\346\205\012\275\245\250\033\126\336\332\323\034\054
\155\073\030\079\231\110\043\054\346\345\244\367\330\013\135\353\352
\220\010\014\250\202\257\233\223\132\320\009\164\016\030\016\307
\000\022\106\341\356\351\371\354\117\027\002\003\001\000\001\243
\102\040\100\060\035\006\003\125\035\016\004\260\004\024\145\077
\307\212\026\030\064\074\335\074\014\214\130\065\370\072\355\122\041\107
\127\310\060\016\060\003\125\035\017\000\010\037\304\004\004\003\002
\001\001\006\060\017\000\003\125\035\023\001\011\037\304\004\005\000
\001\001\037\77\060\015\000\060\110\052\020\110\026\367\150\001\001\013
\005\000\003\020\001\001\000\050\077\341\361\062\216\256\341\230
\134\113\136\317\153\036\152\011\132\220\025\122\027\130\136\217\175
\163\126\144\200\104\017\222\233\344\011\271\010\203\131\237\052\047
\341
\000\101\067\276\110\310\065\250\201\123\376\344\270\054\311\177\166\260
\322\113\067\135\355\237\132\350\013\136\064\275\364\163\051\033\355
\040\065\253\341\176\010\123\212\130\015\320\013\050\037\300\126\333
\040\036\337\133\344\334\072\233\373\014\234\224\330\116\117\303\153\027
\267\367\162\350\255\146\063\265\045\123\253\340\370\114\251\123
\375\362\012\52\272\256\271\133\125\236\061\133\112\223\273\256\232
\127\207\003\032\272\103\030\062\226\271\105\162\070\263\124\212\226
\075\221\173\176\300\041\112\142\075\355\362\013\124\225\121\023
\325\042\245\015\123\361\122\030\167\061\240\162\200\033\011\116
\362\061\062\126\352\144\171\352\265\235\026\146\102\162\363\177
\132\261\061\103\374\244\216\027\361\155\043\253\224\146\370\255
\373\101\016\040\065\177\207\000\011\262\214\373\120\200\023
\226\215\317\266\037\000\235\130\024\232\277\002\104\365\301\302
\237\042\136\242\017\214\343

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 "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=Türkiye 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
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL \061\103\144\233\354\316\047\354\355\072\077\013\217\015\344\350\221\335\356\312
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL \334\000\201\334\151\057\076\057\260\073\366\075\132\221\216\111
END
CKA_ISSUER MULTILINE_OCTAL \060\020\013\062\001\011\010\006\003\125\004\006\023\002\124\122\061\030\060\026\060\003\125\004\007\023\017\017\145\142\172\145\040\055\040\113\157\143\141\145\154\151\061\010\060\003\012\055\040\120\165\162\153\151\171\145\040\010\215\115\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165\162\165\155\165\040\055\040\124\125\102\111\124\101\113\060\055\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145\162\164\151\153\141\163\171\157\156\040\115\145\162\153\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060\064\040\003\125\004\003\023\055\124\125\102\111\124\101\113\040\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165\162\165\155\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL \002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "GDCA TrustAUTH R5 ROOT"
#
# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY CO.,LTD.".C=CN
# Serial Number: 7d:09:fe:04:7a
Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY CO.,LTD.",C=CN
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\010\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\110\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\010\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\110\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\127\376\360\010\107\352\172
END
CKA_VALUE MULTILINE_OCTAL
\060\02\00\05\210\060\202\003\160\240\003\002\001\002\002\010\175
\011\122\376\360\010\352\172\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\142\060\130\060\110\006\003\125\004
\006\023\002\010\116\061\062\060\060\006\003\125\004\010\124\051
\107\125\101\116\107\040\104\117\116\107\040\103\105\122\124\111
\106\111\103\101\112\105\040\101\125\124\111\117\122\111\124\131
\104\103\117\056\054\114\124\040\056\061\037\060\35\006\010\125
\004\003\014\026\010\175\156\164\101\125\124\110\040\122\065\040
\061\061\062\060\060\065\061\063\061\065\132\027\015\064\060\061
\062\063\061\061\065\065\071\065\071\132\060\142\061\013\060\011
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 "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_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\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\113\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\031\010\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor RootCert CA-1"
#
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
# R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ee: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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\132\171\054\031
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 "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\303\012
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\156\205\361\334\032\000\323\042\325\262\262\254\153\067\005\105
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\010\240\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
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\010\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\332\233\354\161\163\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
# Certificate "TrustCor RootCert CA-2"

# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Pana
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Pana
# Not Valid Before: Thu Feb 04 12:32:23 2016
# Not Valid After: Sun Dec 31 17:26:39 2034
# 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 "TrustCor RootCert CA-2"

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 "TrustCor RootCert CA-2"
# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:25:a1:df:ca:33:cb:59:02
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:23 2016
# Not Valid After : Sun Dec 31 17:26:39 2034
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\77\255\303\317\306\345\224\331\363\216\133\330\141\360\235\354\141\027
\273\024\062\124\014\002\051\223\036\222\206\366\177\357\347\274
\005\016\131\335\231\010\056\056\234\000\122\233\305\146\051
\344\247\227\104\244\016\050\201\023\065\305\366\157\144\346\101
\304\325\057\314\064\105\045\317\000\226\075\112\056\302\226
\230\117\116\112\234\227\267\333\037\222\062\310\377\017\121\156
\326\354\011

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\270\276\155\313\126\366\112\52\271\143\324\022\312\116\006\064\307
\224\262\034\300

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\72\276\155\313\126\366\112\52\271\143\324\022\312\116\006\064\307
\224\262\034\300

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\242\341\370\030\013\272\105\325\307\101\052\273\067\122\105\144

END

CKA_ISSUER MULTILINE_OCTAL
\060\201\244\061\103\060\011\100\066\003\125\004\006\023\002\120\010
\061\101\076\060\150\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\060\003\125\004\007\141\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\155\040\010\165\164
\150\151\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\045\241\337\312\063\313\131\002

END

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

#
# Certificate "TrustCor ECA-1"
#
# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:84:82:2c:5f:1c:62:d0:40
# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:33 2016
# Not Valid After : Mon Dec 31 17:28:07 2029
# Fingerprint (SHA-256):
# Fingerprint (SHA1): 58:D1:DF: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\017\060\015\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061

END

CKA_ID UTF8 "0"

CKA_ISSUER_MULTILINE_OCTAL
\060\021\234\061\103\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061

END

CKA_ID_UTF8 "0"
# Trust for "TrustCor ECA-1"
# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:84:82:2c:5f:1c:62:d0:40
# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:33 2016
# Not Valid After : Mon Dec 31 17:28:07 2029
# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

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 "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
# CKA_CLASS CK_OBJECT_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
\002\011\000\204\202\054\137\034\142\320\100
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

#
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 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):
# 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 Root Certification Authority RSA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL

CKA_CERT_MD5_HASH MULTILINE_OCTAL

CKA_ISSUER MULTILINE_OCTAL
<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CKA_SERIAL_NUMBER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_TRUST_SERVER_AUTH</td>
<td>CK_TRUSTck_t NSS_TRUSTED_DELEGATOR</td>
</tr>
<tr>
<td>CKA_TRUST_EMAIL_PROTECTION</td>
<td>CK_TRUSTck_t NSS_TRUSTED_DELEGATOR</td>
</tr>
<tr>
<td>CKA_TRUST_CODE_SIGNING</td>
<td>CK_TRUSTck_t NSS_MUST_VERIFY_TRUST</td>
</tr>
<tr>
<td>CKA_TRUST_STEP_UP_APPROVED</td>
<td>CK_BBOOLck_FALSE</td>
</tr>
<tr>
<td>CKA_CLASS</td>
<td>CK_OBJECT_CLASS</td>
</tr>
<tr>
<td>CKA_TOKEN</td>
<td>CK_BBOOLck_TRUE</td>
</tr>
<tr>
<td>CKA_PRIVATE</td>
<td>CK_BBOOLck_FALSE</td>
</tr>
<tr>
<td>CKA_MODIFIABLE</td>
<td>CK_BBOOLck_FALSE</td>
</tr>
<tr>
<td>CKA_LABEL</td>
<td>UTF8 &quot;SSL.com Root Certification Authority ECC&quot;</td>
</tr>
<tr>
<td>CKA_CERTIFICATE_TYPE</td>
<td>CK_CERTIFICATE_TYPE</td>
</tr>
<tr>
<td>CKA_SUBJECT</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_ID</td>
<td>UTF8 &quot;0&quot;</td>
</tr>
</tbody>
</table>

---

# Certificate "SSL.com Root Certification Authority ECC"

# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:75:e6:df:cb:c1:68:5b:a8
# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:14:03 2016
# Not Valid After : Tue Feb 12 18:14:03 2041

# Fingerprint (SHA-256):

---

CKA_CLASS CK_OBJECT_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
CKA_ID UTF8 "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 "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: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
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

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_ISSUER_MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

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
# 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):
# 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 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\010\03\060\002\060\003\125\004\012\014\017\123\123\114
\040\010\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\010\03\060\002\060\003\125\004\012\014\017\123\123\114
\040\010\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\126\266\051\135\064\274\170\366
END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\353\060\202\003\323\240\003\002\001\002\002\010\126
\266\051\135\064\274\170\366\060\015\006\011\052\206\110\206\367
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "SSL.com EV Root Certification Authority RSA R2"
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:56:b6:29:cd:34:bc:78:fc
# 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_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"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\072\360\122\233\320\062\240\364\112\203\315\324\272\251\173\174\056\304\232
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\341\036\061\130\032\256\124\123\002\366\027\152\021\173\115\225
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\103\060\001\11\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\202\060\016\006\003\125\004\007\014\007\023\004\010\016\157\165\163\164
\157\156\001\030\060\002\060\000\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\001\067\060\005
\006\003\125\004\000\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\126\266\051\315\056\274\170\036
END

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

# # Certificate "SSL.com EV Root Certification Authority ECC"
# # Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:2c:29:9c:5b:16:ed:05:95
Subject: CN=SSL.com EV Root Certification Authority ECC, O=SSL Corporation, L=Houston, ST=Texas, C=US

Not Valid After: Tue Feb 12 18:15:23 2041

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 "SSL.com EV Root Certification Authority ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\173\060\101\110\106\003\125\004\006\023\002\125\123\061\101\106\014\006\003\125\004\010\114\005\124\145\170\141\163\061\102\060\101\106\003\125\004\007\114\007\110\157\165\163\164\157\156\061\103\060\026\006\003\125\004\012\014\017\123\123\114\040\103\157\162\161\157\162\141\164\151\157\156\016\064\060\062\006\003\125\004\003\124\053\123\123\114\056\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103\103 END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\173\060\101\106\006\003\125\004\006\023\002\125\123\061\101\166\014\006\003\125\004\010\114\005\124\145\170\141\163\061\102\060\101\106\003\125\004\007\114\007\110\157\165\163\164\157\156\061\103\060\026\006\003\125\004\012\014\017\123\123\114\040\103\157\162\161\157\162\141\164\151\157\156\016\064\060\062\006\003\125\004\003\124\053\123\123\114\056\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103\103 END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\104\114\133\026\155\005\122
END
CKA_VALUE MULTILINE_OCTAL
\060\177\061\173\060\101\106\006\003\125\004\006\023\002\125\123\061\101\166\014\006\003\125\004\010\114\005\124\145\170\141\163\061\102\060\101\106\003\125\004\007\114\007\110\157\165\163\164\157\156\061\103\060\026\006\003\125\004\012\014\017\123\123\114\040\103\157\162\161\157\162\141\164\151\157\156\016\064\060\062\006\003\125\004\003\124\053\123\123\114\056\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103\103 END
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
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\164\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "GlobalSign Root CA - R6"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# 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_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

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Open Source Used In Telstar 7.6.2 2525
# 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
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
CKA_ISSUER MULTILINE_OCTAL
\200\224\144\016\265\247\241\312\021\234\037\335\325\237\201\002
\143\247\373\321
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# 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):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISEkey Global Root GC CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END

CKA_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END
# 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
# 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_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Open Source Used In Telstar 7.6.2 2530
# 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"
Open Source Used In Telstar 7.6.2 2532

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
\060\075\061\013\060\001\011\006\003\013\250\004\006\023\002\103\116\061
\021\060\017\006\003\013\250\004\012\014\010\012\156\151\124\162\165
\163\164\060\033\060\033\010\006\003\013\250\004\003\014\022\125\031\101
\040\017\015\141\142\141\154\040\070\062\040\012\157\157\164
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\001\011\006\003\013\250\004\006\023\002\103\116\061
\021\060\017\006\003\013\250\004\012\014\010\012\156\151\124\162\165
\163\164\060\033\060\033\010\006\003\013\250\004\003\014\022\125\031\101
\040\017\015\141\142\141\154\040\070\062\040\012\157\157\164
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\106\060\202\003\056\240\003\002\001\002\002\020\135
\337\261\332\132\243\355\135\276\132\145\040\145\003\220\357\060
\015\006\011\015\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END

\015\061\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END

CKA_VALUE_MULTILINE_OCTAL
Open Source Used In Telstar 7.6.2  2534

\201\272\030\343\124\127\066\376\333\057\174\107\241\072\063\310
\371\130\073\104\117\261\312\002\211\100\226\050\150\305\113\270
\046\211\273\326\063\057\120\325\376\232\221\127\220\030\062\222\124
\306\133\340\235\371\136\345\015\042\233\366\332\342\310\041\262
\142\041\125\226\010\262\056\144\323\137\310\343\176\021\147\105
\037\005\376\343\242\357\263\250\263\363\175\217\370\014\037\042
\037\055\160\264\270\001\064\166\060\000\345\043\170\247\126\327
\120\037\212\373\006\365\302\031\360\320
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_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=Untrust,C=CN
# Subject: CN=UCA Global G2 Root,O=Untrust,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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\050\371\170\026\031\172\377\030\045\030\252\104\376\301\240\316
\134\266\114\212
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\200\376\360\030\041\112\360\134\142\062\237\034\272\170\251\120\370
END

CKA_ISSUER MULTILINE_OCTAL
\060\075\061\101\306\011\100\060\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\140\011\25\156\151\124\162\165
\163\164\061\103\006\003\125\004\003\140\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Certificate "UCA Extended Validation Root"

# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 13 00:00:00 2015
# Not Valid After : Fri Dec 31 00:00:00 2038
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Extended Validation Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\030\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\140\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\030\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\140\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140
END

CKA_VALUE MULTILINE_OCTAL
\060\020\005\132\060\202\003\102\240\003\002\001\002\002\020\117
\322\053\217\365\144\310\063\236\117\064\130\146\043\160\140\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\107
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164
\061\045\060\043\006\003\125\004\003\140\034\125\103\101\040\105
\170\164\145\156\144\145\144\040\126\141\154\151\144\141\157\156
\040\122\157\157\164\160\060\060\060\060\060\060\060\060\132\027\015\063\070\061\062\063\061
\060\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125
# Trust for "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
# Fingerprint (SHA-256):
# Certificate "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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\0125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\0120\140\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\042\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\140\020\031\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
\127\042\317\315\137\143\106\215\134\131\072\206\370\062\107\142
\243\147\015\030\221\334\373\246\153\365\110\141\163\043\131\216
\002\247\274\104\352\356\236\311\112\235\361\124\130\371\140\257\332\250
\244\057\050\105\334\147\224\201\206\135\363\073\347\377\051\065
\200\374\144\103\224\346\343\034\157\276\255\016\052\243\231\053
\311\176\205\366\161\135\006\003\225\376\336\217\110\034\132\234
\222\350\053\356\347\061\133\272\004\152\207\230\347\305\137\357
\175\247\042\367\001\130\115\371\113\220\016\232\005\131\244\236
\230\033\115\073\312\160\276\144\304\212\253\236\343\351\257\032\222
\051\334\210\260\044\231\107\241\150\46\230\266\113\267\314\316\267
\067\007\375\046\331\313\205\044\377\113\143\033\232\355\235\235
\250\044\136\070\163\346\161\227\012\157\322\077\155\261\005\153\111
\131\62\122\110\66\163\346\057\360\250\163\167\016\145\254\241
\215\146\122\151\176\113\150\014\037\036\067\047\023\245\214\307
\002\344\024\243\315\111\001\260\163\263\375\306\220\072\157\322\154
\355\073\356\354\022\126\242\103\135\213\000\112\146\045\104\160
\336\100\017\370\174\025\367\242\136\074\327\136\023\214\201\027
\030\027\321\275\361\167\020\027\234\145\071\301\047\254\127\054
\045\124\377\242\323\117\212\141\071\136\256\075\112\214\275
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
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\055\015\122\204\237\77\236\255\231\044\001\164\040\107\156\154\205
\047\047\036\013
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\016\134\060\142\047\353\133\274\032\276\142\272\351\325\337\167
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\103\060\011\000\003\125\004\006\023\002\106\122\061
\022\060\020\006\000\125\004\102\149\011\104\150\151\155\171\157
OPEN SOURCE USED IN TELSTAR 7.6.2 2542

# 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

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
0020220003123510332113611250030152433461011155304
343246341

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 "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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"

END

CKA_ID UTF8 "0"

END

CKA_ISSUER_MULTILINE_OCTAL
0020220003123510332113611250030152433461011116061
023060202100600312500400602300211111116061
0230602021006003125004013023012145115512311511471156
0401201111110610450600430066003125004012023034145
115116514415016214104012414514331501561157115411571147
15114516304011415115511551164145144061034060032006
00312500400302302314515511231151147115604012211571157
16404010311010400550401070061

END

CKA_ISSUER_MULTILINE_OCTAL
0020220003123510332113611250030152433461011116061
023060202100600312500400602300211111116061
0230602021006003125004013023012145115512311511471156
0401201111110610450600430066003125004012023034145
115116514415016214104012414514331501561157115411571147
15114516304011415115511551164145144061034060032006
00312500400302302314515511231151147115604012211571157

END

CKA_ISSUER_MULTILINE_OCTAL
0020220003123510332113611250030152433461011116061
023060202100600312500400602300211111116061
0230602021006003125004013023012145115512311511471156
0401201111110610450600430066003125004012023034145
115116514415016214104012414514331501561157115411571147
15114516304011415115511551164145144061034060032006
00312500400302302314515511231151147115604012211571157

END

CKA_ISSUER_MULTILINE_OCTAL
0020220003123510332113611250030152433461011116061
023060202100600312500400602300211111116061
0230602021006003125004013023012145115512311511471156
0401201111110610450600430066003125004012023034145
115116514415016214104012414514331501561157115411571147
15114516304011415115511551164145144061034060032006
00312500400302302314515511231151147115604012211571157

END

CKA_ISSUER_MULTILINE_OCTAL
0020220003123510332113611250030152433461011116061
023060202100600312500400602300211111116061
0230602021006003125004013023012145115512311511471156
0401201111110610450600430066003125004012023034145
115116514415016214104012414514331501561157115411571147
15114516304011415115511551164145144061034060032006
00312500400302302314515511231151147115604012211571157
Open Source Used In Telstar 7.6.2  2543

\164\040\103\101\040\055\040\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\224\060\202\002\174\240\003\002\001\002\002\012\061
\365\344\142\014\154\130\355\326\330\060\015\006\011\052\206\110
\206\367\015\100\001\013\005\000\060\147\061\130\060\110\066\003
\125\004\006\023\002\111\166\061\023\006\021\006\003\125\004\013
\023\012\145\155\123\151\147\156\040\120\013\111\106\104\50\060\043
\006\003\125\004\003\023\023\145\155
\123\151\147\156\040\122\157\157\164\040\013\101\040\055\040\107
\061\166\060\036\027\015\061\107\060\062\060\017\070\063\060\060
\060\132\027\015\064\060\060\026\015\060\063\060\060\060
\132\060\147\061\130\060\110\066\003\125\004\006\023\002\111\116
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147
\156\040\120\113\111\060\104\50\060\043\006\003\125\004\012\023\034
\145\151\165\161\50\162\141\040\124\145\143\150\156\157\154\157
\147\151\145\156\040\114\151\155\151\164\145\144\060\130\046\032
\006\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157
\157\164\040\013\103\101\040\055\040\107\061\166\020\201\040\206\015
\006\110\052\206\110\206\367\015\000\100\001\005\000\000\032\202\001
\017\000\060\020\001\012\002\200\001\000\023\13\127\133\151\146
\121\236\356\235\131\332\064\223\320\033\336\303\347\236\270\144\063
\177\143\070\150\264\315\056\161\165\327\233\040\306\115\051\274
\266\110\140\212\367\041\123\212\60\065\132\363\166\275\330\315\232
\377\223\126\113\245\131\006\241\122\364\051\135\026\064\165\116
\362\201\264\343\030\226\116\255\031\025\122\123\376\074\160\165\160
\131\257\053\253\025\232\063\074\252\263\213\252\131\033\375\365
\352\216\377\355\317\021\107\224\316\116\062\206\232\323\043\100\052
\167\263\257\074\000\105\041\154\355\231\054\213\311\116\151\230\262
\367\217\101\260\062\170\141\326\015\137\033\372\242\100\222\035
\134\027\346\160\076\065\347\242\267\302\142\342\253\244\070\114
\265\071\065\157\352\003\151\372\072\124\150\205\155\326\362\057
\103\125\036\221\105\196\330\325\152\244\226\321\023\074\054\170
\120\350\072\222\322\322\027\126\345\065\321\000\034\076\215\054\355
\171\337\102\343\020\031\164\373\243\335\302\206\140\110\150\034
\151\013\012\240\000\213\344\166\151\041\015\171\116\064\010\136\024
\302\034\261\267\255\327\174\160\212\307\205\002\200\003\000\000\001
\243\312\026\001\100\006\035\006\003\125\035\166\004\026\000\042\037
\357\015\206\236\260\034\333\335\251\127\136\041\027\177\076\374\360
\167\053\032\060\016\060\003\125\035\017\000\100\137\000\040\003
\002\001\006\001\170\060\003\125\035\023\001\100\137\000\005\060
\003\001\001\137\060\015\006\011\052\206\110\206\367\150\150\100
\013\005\000\000\032\020\001\000\000\131\137\362\214\365\207\175\161
# 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
# 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 - G1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\075\220\306\037\223\174\022\243\231\260\236\306\042\025\034\015\222\156\166\032\146
\146\017\034\021\012\026\024\031\063\234\204\255\335\022\260\145\034\061
\064\262\211\150\266\066\245\015\155\123\151\147\156
\040\012\111\111\061\045\060\043\006\003\125\004\012\230\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\212\307\255\217\163\254\116\301\265\165\115\245\100\364\374\317
\174\265\216\214
END
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\234\102\204\127\335\313\013\247\056\225\255\266\363\332\274\254
END
CKA_ISSUER_MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\000\013\125\004\013\023\012\145\155\123\151\147\156
\040\012\111\111\061\045\060\043\006\003\125\004\012\230\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
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 "emSign ECC Root CA - G3"

# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number: 3c:f6:07:a9:68:70:0e:da:8b:84
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"

CKA_SERIAL_NUMBER MULTILINE_OCTAL
003\125\004\003\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END

CKA_SUBJECT MULTILINE_OCTAL
002\012\061\365\344\142\014\154\130\355\326\330
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
006\015\033\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\021\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\104\055\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
END

**CKA_VALUE MULTILINE_OCTAL**

\006\020\020\000\020\116\060\020\020\001\323\240\003\000\002\000\001\002\002\012\074
\366\007\151\016\001\032\213\024\060\012\000\060\010\005\022\066\110
\316\075\004\003\000\036\013\030\060\011\000\006\003\012\250\004\006
\023\000\021\111\116\060\012\030\060\021\006\000\031\250\004\013\023\012\145
\155\123\15\147\156\040\120\113\111\061\104\056\060\043\006\006\003\125
\004\012\023\034\014\15\151\164\144\150\162\141\040\012\144\145\131\150
\156\115\15\147\15\145\163\040\114\151\155\15\164\145\144
\061\104\060\003\060\000\031\125\004\003\023\027\145\155\123\151\147
\175\060\040\105\013\030\040\122\157\157\164\040\103\101\040\055\040
\107\063\060\036\027\150\061\070\060\062\061\070\061\070\063\060
\060\060\013\202\027\015\056\046\063\060\062\061\070\061\070\063\060
\060\061\013\060\015\365\016\1\030\060\011\000\006\003\125\004\006\023\002\111
\116\061\023\060\021\006\000\031\125\004\013\023\012\145\155\123\151
\147\156\040\102\011\131\110\045\060\043\006\003\125\004\012\023
\034\141\115\116\144\150\162\141\040\124\145\143\150\156\157\154
\157\147\151\145\163\040\114\151\155\151\164\145\144\061\040\060
\036\006\000\031\125\004\003\023\027\145\155\123\151\147\156\040\105
\103\103\040\122\157\157\164\040\103\101\040\055\040\107\063\060
\166\060\020\000\006\007\052\206\110\316\075\002\001\000\060\005\053\201
\004\000\004\020\003\142\000\004\043\245\014\270\055\052\223\365\050\363
\261\126\233\352\342\002\022\200\230\017\137\111\115\237\311\045\064
\131\164\354\273\006\034\347\300\162\257\350\256\057\341\111\124
\207\024\250\112\262\350\174\202\346\133\152\265\334\263\165\316
\213\006\320\206\043\277\106\325\216\017\077\004\364\327\034\222
\176\366\245\143\302\365\137\216\056\117\241\030\031\002\053\062
\012\020\144\175\026\222\332\214\243\102\060\010\060\035\006\003\125
\035\016\004\026\004\042\174\135\052\020\042\324\343\142\212\332\201
\316\027\034\056\051\036\234\111\043\102\026\060\016\006\003\125\035
\017\001\001\137\004\004\003\002\001\000\060\017\006\003\125\035
\023\030\001\013\177\004\005\060\003\001\001\137\060\012\006\010\005
\206\101\316\075\004\003\003\000\031\150\000\060\146\002\061\000\276
\136\141\331\076\020\020\035\144\225\007\270\030\156\210\205\005\057
\203\010\027\220\312\037\212\114\350\015\033\172\261\255\325\201
\011\175\357\073\254\010\004\174\134\232\126\135\355\107\007\322\002
\061\000\235\272\125\374\215\112\350\035\353\346\166\001\102\173
\310\357\014\331\125\121\213\125\073\373\214\173\353\145\011\303
\370\226\315\107\250\020\236\206\125\167\044\176\022\020\225\004
\054\243

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 "emSign ECC Root CA - G3"

# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number: 3c:f6:07:a9:68:70:0e:da:8b:84
# Subject: CN=emSign ECC Root CA - G3, O=eMudhra Technologies Limited, OU=emSign PKI, C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\060\103\372\117\362\127\334\240\303\200\356\056\130\352\170\262
\077\346\273\301
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\316\013\162\321\237\210\021\063\120\003\350\343\270\213\147\100
END
CKA_ISSUER MULTILINE_OCTAL
\060\153\065\013\060\001\110\006\003\125\000\006\023\002\111\116\061
\023\060\021\006\003\125\000\041\130\121\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\000\041\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\141\151\153\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\010\033\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\074\366\007\251\150\160\016\332\213\204
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "emSign Root CA - C1"
#
# Issuer: CN=emSign Root CA - C1, O=eMudhra Inc, OU=emSign PKI, C=US
# Serial Number: 00:ae:cf:00:ba:c4:cf:32:f8:43:b2
# Subject: CN=emSign Root CA - C1, O=eMudhra Inc, OU=emSign PKI, C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_CERTIFICATE
END

# Trust for "emSign Root CA - C1"
# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043

Open Source Used In Telstar 7.6.2  2549
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\347\056\361\337\374\262\011\050\317\135\324\325\147\067\261\121
\313\206\117\001
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\330\343\135\001\041\372\170\132\260\337\272\322\356\052\137\150
END
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\013\010\040\055\040\013\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\000\256\317\000\272\304\317\062\370\103\262
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign ECC Root CA - C3"
#
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\013\010\040\055\040\013\061
END

Open Source Used In Telstar 7.6.2 2550
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\037\037\140\025
\014\356\110\146

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\123\263\243\201\356\327\020\370\323\260\035\027\222\365\325

END

CKA_ISSUER MULTILINE_OCTAL
\060\132\060\011\060\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\030\040
\122\157\157\164\040\103\101\040\055\040\103\063

END

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

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
Certificate "Hongkong Post Root CA 3"

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


Not Valid Before: Sat Jun 03 02:29:46 2017
Not Valid After: Tue Jun 03 02:29:46 2042

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 "Hongkong Post Root CA 3"

CKA_CERTIFICATE_TYPE CK_Certificate_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
060157060101030600011106000312500400060230020110113061
0220600200000003125004010002300111101157156147040113
1571561470610220600200006003125004000702300111101157
156147040111315614706102606002400060031250040112
023015110115715614715315715614704012015715614601
040060036000000312500400030230271101157156147153157
15614704011201571631640401221157157164040103101040
063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
060157060101030600011106000312500400060230020110113061
0220600200000003125004010002300111101157156147040113
1571561470610220600200006003125004000702300111101157
156147040111315614706102606002400060031250040112
023015110115715614715315715614704012015715614601
040060036000000312500400030230271101157156147153157
15614704011201571631640401221157157164040103101040
063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
00202400100261372121142453540000311223100337304306
256043270034113244

END

CKA_VALUE MULTILINE_OCTAL
060202000531706002020032672400003002001002002024010
0261372121142453540000311223100337304306256043270
0341322440600150060110522061110206367015001001013
0050006001157061013060011106003125004006023002110
11130610220600200006003125004010230111101157156147
040113157156147061022060020000600312500400070230011

Open Source Used In Telstar 7.6.2 2553
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

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

END

Open Source Used in Telstar 7.6.2 2555
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Not Valid Before: Sat Jun 03 02:29:46 2017
# Not Valid After : Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\242\320\354\040\122\201\133\301\363\370\144\002\044\116\302\216\002\113\002\END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\374\237\275\163\060\000\22\12\375\077\363\130\271\13\040\360\END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061\022\060\020\006\003\125\004\007\023\011\110\157\156\147\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061\040\060\036\000\003\125\004\003\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040\063\END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306\256\043\270\034\132\244\END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Entrust Root Certification Authority - G4"
#
# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:d9:b5:43:7f:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\060\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\167\167\167\167\167\167
\163\164\056\056\156\145\145\145\114\154\154\055\164\145\162
\155\163\061\017\060\067\006\003\125\004\013\023\060\050\143\051
\040\62\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\060\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\167\167\167\167\167\167
\163\164\056\056\156\145\145\145\114\154\154\055\164\145\162
\155\163\061\017\060\067\006\003\125\004\013\023\060\050\143\051
\040\62\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\033\126\103\177\257\251\071\017\000\000\000\000\0125
\145\255\130
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\011\13\060\022\004\063\240\003\002\001\002\002\021\000
\331\126\103\177\257\251\071\017\000\000\000\000\0125\145\255\130
\060\015\006\011\052\206\110\206\367\150\010\013\005\000\060
\201\276\061\103\060\011\006\003\125\004\006\023\002\125\123\061
# Trust for "Entrust Root Certification Authority - G4"
# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):

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 "Entrust Root Certification Authority - G4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\024\210\116\206\046\067\174\062\040\151\156\156\056\002\145\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\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\051
\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\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\146\151
\157\156\040\101\165\164\150\157\162\161\164\171\040\055\040\107
\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\201\000\331\265\103\177\257\251\071\017\000\000\000\000\0125
\145\255\130

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# 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_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Microsoft ECC Root Certificate Authority 2017"

# Issuer: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# 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_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060\061\067\END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060\061\067\END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\146\362\075\257\207\336\213\261\112\352\014\127\061\001\302\354\END

CKA_VALUE MULTILINE_OCTAL
\060\020\146\362\075\257\207\336\213\261\112\352\014\127\061\001\302\354\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 "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):

Open Source Used In Telstar 7.6.2  2562
# 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

# 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_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\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\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
\060\014\061\013\060\011\006\000\003\125\000\04\006\023\002\125\123\061
\036\060\034\000\003\125\000\04\012\023\025\15\151\143\162\157\163
\157\146\164\040\013\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\000\003\125\000\04\003\023\055\15\151\143\162\157\163
\157\146\164\040\012\123\101\040\122\157\157\164\040\013\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\000\003\125\000\04\006\023\002\125\123\061
\036\060\034\000\003\125\000\04\012\023\025\15\151\143\162\157\163
\157\146\164\040\013\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\000\003\125\000\04\003\023\055\15\151\143\162\157\163
\157\146\164\040\012\123\101\040\122\157\157\164\040\013\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177
\105\263
END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\250\060\202\003\220\240\003\002\001\002\002\020\036
\323\227\011\137\330\264\263\107\160\036\252\276\177\105\263
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\0145
\061\103\060\011\006\000\031\125\000\04\006\023\002\012\125\123\061\036\060
\034\000\031\125\000\04\012\023\025\15\151\143\162\157\163\157\146
\164\040\103\157\162\160\157\162\141\164\151\157\156\061\066\060
\064\000\031\125\000\04\003\023\055\15\151\143\162\157\163\157\146
\164\040\122\123\121\104\012\122\157\157\164\040\013\145\162\164\151
\146\151\143\141\164\145\010\111\165\164\150\157\162\151\164\171
\040\062\060\061\067\060\036\027\015\061\071\061\062\060\070\062
\062\065\061\062\062\132\027\015\064\062\060\067\061\017\062\062
\060\060\062\063\132\060\145\061\013\060\011\006\000\031\125\000\04\006
\023\002\125\123\061\036\060\034\000\003\125\000\04\012\023\025\115
\151\143\161\157\163\157\146\164\040\013\157\162\160\157\162\141
\164\151\157\156\061\066\060\064\000\003\125\000\04\003\023\055\115
\151\143\162\157\163\157\146\164\040\122\123\101\040\122\157\157
\164\040\103\145\162\164\151\143\141\164\145\040\101\116
\164\151\157\162\151\164\171\040\062\060\061\067\060\020\020\042
\060\015\006\011\052\206\110\206\367\015\001\001\005\000\003
\020\020\017\000\060\020\002\012\002\020\020\014\003\012\133\027
\224\063\214\051\125\221\026\012\122\252\275\107\142\301\211\136\231
\066\337\106\220\311\125\355\170\152\157\170\221\150\370\047\147
\120\063\035\241\246\373\340\345\103\243\204\002\127\000\113\352\234
\11\10\002\123\202\027\277\307\073\150\220\266\202\055\345\364
\145\320\314\155\031\134\225\371\173\254\112\224\255\016\336\113
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"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\163\245\346\112\073\377\026\377\016\334\314\141\212\220\156
\116\256\115\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\020\377\000\377\317\311\370\307\172\300\356\065\216\311\017\107
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\060\101\060\001\100\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
# 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 CKCERTIFICATE
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_SUBJECT MULTILINE_OCTAL
\060\061\060\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\014\010\101\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\101\140\151\115\151\143
\162\157\163\145\143\040\114\164\144\056\061\127\060\025\006\003
\125\004\141\014\016\126\101\124\110\125\055\026\063\065\070\064
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055
\123\172\151\147\156\157\040\122\157\157\164\040\013\101\040\062
\060\061\067

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\061\061\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\014\010\101\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\101\140\151\115\151\143
\162\157\163\145\143\040\114\164\144\056\061\127\060\025\006\003
\125\004\141\014\016\126\101\124\110\125\055\026\063\065\070\064
# Trust for "e-Szigno Root CA 2017"
# Issuer: CN=e-Szigno Root CA 2017, OID.2.5.4.97=VATHU-23584497, O=Microsec Ltd., L=Budapest, C=HU
# Serial Number: 01:54:48:ef:21:fd:97:59:0d:f5:04:0a
# Subject: CN=e-Szigno Root CA 2017, OID.2.5.4.97=VATHU-23584497, O=Microsec Ltd., L=Budapest, C=HU
# Not Valid Before: Tue Aug 22 12:07:06 2017
# Not Valid After: Fri Aug 22 12:07:06 2042
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "e-Szigno Root CA 2017"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\211\324\203\003\117\236\232\110\200\137\162\067\324\251\246\357
\313\174\037\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\336\037\366\236\204\256\247\264\041\316\036\130\175\321\204\230
END
CKA_ISSUER MULTILINE_OCTAL
\060\161\060\101\013\060\001\124\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\143
\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064
\064\071\067\061\136\060\034\006\003\125\004\003\014\025\145\055
\123\172\151\114\157\157\040\122\157\157\164\040\103\101\040\062
\060\061\067
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\000\124\110\357\041\375\227\131\151\365\004\012
END

# 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
Open Source Used In Telsar 7.6.2 2571
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
# 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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN Root CA G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\046\371\223\264\355\075\050\047\260\271\113\247\351\025\035\243\215\222\345\062
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\214\361\165\212\306\031\137\224\267\367\145\040\207\303\227\307
END
CKA_ISSUER MULTILINE_OCTAL
\060\011\061\013\060\001\100\06\003\125\004\006\023\002\122\117\061
\024\060\002\220\006\003\125\004\012\023\013\013\015\122\124\123\111
\107\116\040\123\101\06\034\060\032\060\003\125\004\013\023\023

Open Source Used In Telstar 7.6.2  2572
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 After: Sat Aug 23 19:34:12 2042
Class: CK_OBJECT_CLASS
Token: CK_TRUE
Private: CK_FALSE
Modifiable: CK_FALSE
Label: UTF8 "Trustwave Global Certification Authority"
Certificate Type: CK_CERTIFICATE_TYPE
Subject: MULTILINE_OCTAL
Issuer: MULTILINE_OCTAL
ID: UTF8 "0"
Issuer: MULTILINE_OCTAL

Open Source Used In Telstar 7.6.2 2575
# 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):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\057\217\066\117\341\130\227\104\041\131\207\245\052\232\032\120\177

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\034\030\057\057\272\137\155\241\154\274\037\253\221\107\016

CKA_ISSUER MULTILINE_OCTAL
\060\021\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\011\156\143\056\061\060\057\006\003\125\004
\003\014\005\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\03\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\067\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
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P256 Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\221\061\013\060\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\151\156
\157\151\163\061\020\060\016\006\003\125\004\070\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\060\112\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\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\151\156
\157\151\163\061\020\060\016\006\003\125\004\070\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\060\112\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END

Open Source Used In Telstar 7.6.2 2577
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\015\152\137\010\077\050\134\076\121\225\337\135
END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\140\060\202\002\007\240\003\002\001\010\077\050\134\076\121\225\337\135
\040\110\157\154\144\151\156\147\163\054\040\111\156\143\056\061
\072\060\070\060\003\125\004\003\023\006\124\162\165\163\164\167
\141\166\145\040\107\154\157\142\141\154\040\105\103\103\040\120
\062\065\060\040\103\145\162\164\151\143\141\164\151\157
\156\040\101\161\164\171\106\006\036\027\015\061
\067\160\070\060\026\063\061\071\063\065\061\060\032\027\015\064\062
\060\070\062\063\061\071\063\065\061\060\032\060\020\122\216\061\013
\060\011\060\063\015\004\006\060\023\002\125\123\061\021\060\017\006
\003\012\050\040\100\023\010\011\154\154\151\156\157\151\163\061\020
\060\016\063\060\003\125\004\004\023\007\103\150\151\143\141\147\157
\061\141\060\037\000\060\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\060\006\031\250\004\003\023\061\124\162
\165\163\164\161\141\166\145\040\107\154\157\142\141\154\040\105
\103\13\004\120\062\065\060\040\103\145\162\164\151\146\151\143
\141\161\157\156\040\101\165\164\150\157\162\151\164\171\060
\131\106\023\006\007\052\206\110\136\075\002\000\100\052\206
\103\136\075\003\000\0107\031\012\000\000\041\176\373\154\346\033\343
\163\060\010\131\240\346\123\123\241\272\164\215\030\260\170\220\122
\200\035\070\030\011\120\353\212\250\134\223\244\227\006\070\312\015
\025\142\302\061\160\001\052\145\235\252\337\064\221\056\203\13\044
\063\222\061\134\375\011\107\224\246\077\255\043\103\060\101\060\017
\006\003\125\035\023\001\100\137\77\004\005\060\003\001\100\137\77\060
\017\060\003\125\035\017\001\100\137\77\004\005\053\003\007\060\000
\060\035\006\003\125\035\016\106\004\026\004\024\243\101\016\062\54220
\155\321\112\123\353\165\245\112\020\231\263\261\241\123\112\367\060
\102\106\010\052\206\110\316\075\004\033\002\003\107\000\060\0104
\002\040\000\074\124\332\162\040\132\262\256\021\237\207\035\266
\377\151\133\045\276\370\240\267\010\363\104\316\052\337\010\041
\014\067\002\040\005\054\060\03\204\000\052\275\151\321\166\134\370\145
\314\206\155\263\234\064\110\143\024\011\135\215\167\032\342\314
\234\341\164\173
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for "Trustwave Global ECC P256 Certification Authority"
# Issuer: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:0d:6a:5f:08:3f:28:5c:3e:51:95:df:5d
# Subject: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:35:10 2017
# Not Valid After : Sat Aug 23 19:35:10 2042
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
# 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):
# 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 "Trustwave Global ECC P384 Certification Authority"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\151\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\033\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\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\151\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\033\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\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\205\205\047\244\220\150\107\073

END

CKA_VALUE MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\151\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\033\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\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171

END
# 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):
# 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 "Trustwave Global ECC P384 Certification Authority"

CKA_ISSUER MULTILINE_OCTAL
\060\012\061\013\060\001\006\003\125\004\006\023\002\125\013\061\024\060\017\006\003\125\004\010\023\010\011\015\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\011\11\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\013\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\010\275\020\227\154\231\047\244\200\150\070\073

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\010\275\020\227\154\231\047\244\200\150\070\073

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\010\275\020\227\154\231\047\244\200\150\070\073

# 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
# 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 "NAVER Global Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\049\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\106\060\060\060\063\125\004\003
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\049\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\106\060\060\060\063\125\004\003
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\001\224\060\036\242\013\335\365\305\063\052\261\103\104
\161\137\032\120\115\015
END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\242\060\020\003\212\240\003\002\001\002\002\024\001
\224\060\036\242\013\335\365\305\063\052\261\103\104\161\370\326
\120\115\015\060\011\005\206\110\026\367\015\000\001\014
\005\000\006\015\061\013\060\011\006\003\125\004\006\023\002\113
\122\061\046\060\044\006\003\125\004\012\014\035\116\101\126\105
\122\040\102\125\123\111\116\105\123\123\040\120\114\101\124\106
\117\122\115\040\103\157\162\160\056\061\106\062\060\060\060\063\125
\004\003\014\051\116\101\126\105\122\040\107\154\157\142\141\154\154
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036\027
\015\061\067\060\070\061\107\060\060\070\065\070\064\062\132\027\015
\063\067\060\070\061\107\062\063\065\071\105\071\112\060\151\061
\013\060\011\106\003\012\5\004\006\023\002\113\122\061\046\060\044
\006\003\125\004\012\014\035\116\101\126\105\122\040\102\125\123
\111\116\105\123\123\040\120\114\101\124\106\117\122\115\040\103
Open Source Used In Telstar 7.6.2  2584
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
CKA_CLASS CK_OBJECT_CLASS 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

Open Source Used In Telstar 7.6.2 2585
# 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

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 "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_ISSUER MULTILINE_OCTAL

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_CERT_MD5_HASH MULTILINE_OCTAL

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

CKA_CERT_MD5_HASH MULTILINE_OCTAL

END

CKA_SUBJECT MULTILINE_OCTAL

END
Open Source Used In Telstar 7.6.2

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
# 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

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\142\377\331\236\300\145\015\003\316\165\223\322\355\077\055\062
\311\343\345\112
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\031\066\234\122\003\057\322\321\273\043\314\335\036\022\125\273
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\170\061\013\060\011\006\003\132\250\004\006\023\002\105\123\061
\021\201\060\017\006\003\132\250\004\012\104\101\106\116\115\124\055\122
\103\115\061\166\060\014\006\003\132\250\004\013\101\140\053\145\162
\145\163\061\030\060\026\060\003\132\250\004\141\101\147\126\101\124
\105\123\055\121\062\070\062\066\060\060\064\112\061\105\140\060\052
\006\200\125\004\003\014\043\101\103\040\012\011\111\132\040\106
# 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
# 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 "GlobalSign Secure Mail Root R45"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\166\030\321\363\200\044\075\122\100\306\021\152\255\127\167\011
\175\201\060\240
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\223\304\173\263\016\124\107\034\103\054\213\276\160\205\142\051
END

CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\230\201\107\154\157\142\141\154
\123\151\147\156\040\156\160\055\163\141\061\050\060\046\000\003
\125\004\003\023\037\107\154\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
06012206101306000110060003125004006023002102105061
0310600270006003125004012023020107154157142141154
123151147156040156166055163141061050060046006003
125004003023037107154157142141154123151147156040
123145143165162145040115141151154040122157157164
040105060065 END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
06012206101306000110060003125004006023002102105061
0310600270006003125004012023020107154157142141154
123151147156040156166055163141061050060046006003
125004003023037107154157142141154123151147156040
123145143165162145040115141151154040122157157164
040105060065 END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
00202016612373612520470352251061135326361236345270
220012

CKA_VALUE MULTILINE_OCTAL
06020200204106020200112472490030020010020020200166
1233762520470352251061135326361236345270202012060
0120060100522061103160750040003003060122061013060
011006003125000406023002102105061031060027006003
125004012023020107154157142141154123151147156040
156166055163141061050060046006003125004003023037
107154157142141154123151147156040123145143165162
1540401151151151154040122157157164040105064065060
03602701520620060606306110700600600606060060606060132
0270150640650606030611070060060060060606060132060
1220610130690011060003125004006023002102105061031
060027006003125004012023002107154157142141154123
151147156040156166055163141061050060046006003125
1204000203037107154157142141154123151147156040123
1451431651621450401151151154040122157157164040
1050640650601660600200060607052060110316075002001
006005035201100400004200311420000043711712132101107
06721122607711051111201770320460113223062176056300
300247010232303156217233076103042354067123267157
Open Source Used in Telstar 7.6.2  2594

# Trust for "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):

END

# CKA_CLASS CKA_OBJECT_CLASS CKA_NSS_TRUST
# CKA_TOKEN CKA_BBOOL C_TRUE
# CKA_PRIVATE CKA_BBOOL C_FALSE
# CKA_MODIFIABLE CKA_BBOOL C_FALSE
# CKA_LABEL UTF8 "GlobalSign Secure Mail Root E45"
# CKA_ISSUER MULTILINE_OCTAL

END

# CKA_CERT_SHA1_HASH MULTILINE_OCTAL

END

# CKA_CERT_MD5_HASH MULTILINE_OCTAL

END

# CKA_ISSUER_MULTILINE_OCTAL

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):

cka_class ck_object_class cko_certificate
cka_token ck_bool 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

cka_id utf8 "0"
cka_issuer multiline_octal

cka_serial_number multiline_octal

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 "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
# 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):
Open Source Used In Telstar 7.6.2  2600

# 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
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_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


CKA_CLASS CK_OBJECT_CLASS CK_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

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL

CKA_HIDDEN CK_BBOOL CK_TRUE

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 "GLOBALTRUST 2020"

# Trust for “GLOBALTRUST 2020”
# Issuer: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
# Serial Number:5a:4b:bd:5a:fb:4f:8a:5b:fa:65:e5
# Subject: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
# Not Valid Before: Mon Feb 10 00:00:00 2020
# Not Valid After : Sun Jun 10 00:00:00 2040
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS 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"
# 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

CKA_CLASS CK_OBJECT_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
\320\147\301\023\121\001\014\252\320\307\152\145\067\061\026\046\117\123\161\242
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\132\113\275\132\373\117\212\132\372\145\345
END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\320\147\301\023\121\001\014\252\320\307\152\145\067\061\026\046\117\123\161\242
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\212\307\157\313\155\343\314\242\361\174\203\372\016\170\327\350
END

CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\101\124\061\043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155\145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040\107\155\142\110\061\03\106\027\006\003\125\004\003\023\020\010\114\117\102\101\114\124\122\125\123\124\040\062\060\062\060
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\201\204\061\022\060\020\006\003\125\004\003\023\031\101\116
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040
\122\157\157\164\040\103\101

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\015\323\343\274\154\137\153\261

CKA_VALUE MULTILINE_OCTAL
\060\202\005\357\060\202\003\327\240\003\002\001\002\002\010\015
\323\343\274\154\137\153\261\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\006\060\201\042\060\110\206\003\125
\004\005\023\011\010\066\063\062\070\067\065\061\060\013\060
\011\006\003\012\004\006\060\013\023\010\116\040\103\101
\106\040\013\101\014\151\172\061\014\020\060\004\006\031\125
\004\003\023\031\101\116\010\064\004\123\145\143\165\162\145\040\123
\145\162\145\162\040\122\157\157\164\040\103\101\060\036\027
\015\061\071\060\071\060\064\061\060\060\060\060\063\070\132\027\015
\063\071\060\070\063\060\061\060\060\060\063\070\132\060\201\204
\061\122\060\202\006\003\125\004\004\005\023\010\117\066\063\062\070
\067\065\061\060\061\013\060\011\006\003\125\004\004\006\023\010\205
\123\061\047\060\045\006\003\125\004\012\023\036\101\116\106\064
\015\151\157\156\061\024\060\022\006\003\125\004\013\023\013\101
\106\040\103\101\040\122\141\151\172\061\014\020\060\004\006\031\125
\004\003\023\031\101\116\010\064\004\123\145\143\165\162\145\040\123
\145\162\145\162\040\122\157\157\164\040\103\101\060\036\027
\015\061\071\060\071\060\064\061\060\060\060\063\070\132\027\015
\063\071\060\070\063\060\061\060\060\060\063\070\132\060\201\204
\061\122\060\202\006\003\125\004\004\005\023\010\117\066\063\062\070

Open Source Used In Telstar 7.6.2 2605
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
\x33\x36\x32\x02\x25\x12\x61\x61\x63\x16\x62\x20\x02\x12\x03\x66\x23\x20\x06\x31\x17\x42\x24\x26\x1
\x20\x03\x64\x16\x41\x45\x34\x31\x63\x21\x33\x53\x23\x12\x34\x03\x22\x00\x30\x03\x35\x22\x02\x12\x25\x02\x25\x10\x25\x06\x20\x06\x23\x11\x22\x01\x20\x02\x04\x36\x03\x66\x16\x11\x14\x34\x22\x27\x26\x33\x21\x22\x16\x63\x00\x11\x46\x05\x71\x14\x20\x07\x62\x26\x16\x04\x71\x10\x05\x66\x35\x11\x15\x12\x63\x34\x22\x27\x23\x33\x77\x02\x06\x57\x24\x25\x12\x11\x22\x13\x11\x13\x14\x03\x33\x33\x35\x03\x76\x17\x00\x21\x17\x77\x12\x33\x40\x24\x17\x1\x14\x00\x26\x61\x15\x31\x44\x00\x33\x33\x02\x25\x20\x34\x42\x24\x27\x66\x60\x01\x10\x63\x06\x66\x24\x71\x16\x22\x06\x45\x36\x27\x11\x02\x17\x33\x30\x07\x07\x05\x41\x30\x25\x43\x50\x10\x23\x34\x10\x63\x33\x20\x07\x11\x40\x05\x62\x02\x35\x12\x03\x56\x15\x30\x61\x33\x13\x35\x10\x72\x06\x11\x17\x15\x22\x77\x22\x11\x56\x11\x73\x34\x05\x16\x06\x50\x20\x32\x13\x62\x16\x37\x60\x45\x03\x07\x10\x74\x44\x14\x30\x04\x73\x30\x37\x03\x66\x33\x11\x15\x33\x74\x02\x20\x06\x11\x26\x01\x03\x00\x12\x10\x02\x25\x72\x23\x32\x00\x63\x17\x63\x74\00\x06\x36\x06\x61\x10\x40\x00\x30\x24\x36\x13\x00\x35\x23\x62\x15\x05\x21\x25\x10\x21\x26\x20\x23\x27\x63\x05\x30\x32\x27\x77\00\x35\x13\x33\x44\x23\x10\x06\x55\x37\x23\x16\x66\x62\x74\x11\x50\x06\x04\x23\x16\x25\x34\x35\x23\x63\x30\x17\x33\x32\x36\x22\x30\x34\x07\x13\x45\x02\x20\x13\x17\x07\x01\x07\x35\x31\x77\x21\x01\x55\x13\x03\x37\x37\x10\x02\x04\x25\x76\x33\x20\x26\x01\x46\x14\x45\x33\x02\x06\x25\x27\x23\x25\x07\x35\x20\x05\x26\x03\x36\x32\x25\x06\x13\x00\x26\x20\x13\x33\x35\x27\x03\x11\x65\x00\x21\x63\x03\x32\x31\x11\x03\x02\x41\x23\x22\x20\x01\x21\x61\x22\x33\x20\x42\x47\x17\x03\x04\x30\x22\x21\x11\x24\x02\x15\x254

END

Open Source Used In Telstar 7.6.2 2007
CKA_ISSUER MULTILINE_OCTAL
\060\020\012\040\061\022\060\020\006\003\125\004\005\023\011\110\056
\020\062\070\067\065\061\010\060\061\013\060\011\100\060\003\125\004\006
\023\002\015\23\015\047\060\045\006\003\125\004\012\023\036\101
\116\106\040\011\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060
\022\006\003\125\004\013\023\013\101\116\106\040\006\003\125\004\003\023\033\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\132\33\151\153\137\115\361

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
\060\016\064\061\013\060\016\003\125\004\006\023\002\120\011\140\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\164\145\143\157
\040\014\141\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
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055
\063\070\064\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
# 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):


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 "Certum EC-384 CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
3630761770074254133736424231425414711251151126327345
026074341355

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
26611452632261402270224135411634101752245306311361

END

CKA_ISSUER MULTILINE_OCTAL
0060164006101306001100600311250040060023002120114061
04116003700600031250040120230301101163163145143157
0401104114116414110401231171163164145155163040123056
101056061047060450060013125004013023036103145162
1641651550401031451621641511461511431141164151157
156104011011651641501571621511641711061031060027006
00312500400930230201031145162164165155040105103055
063070064040103101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
00202017021704171432010221222040245004320055335272
163364

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
# 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

**嗔 CATrust_STEP_UP_APPROVED CK_BBOOL CK_FALSE**

**嗔 Certificate "Certum Trusted Root CA"

**嗔 Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
**嗔 Subject: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
**嗔 Not Valid Before: Fri Mar 16 12:10:13 2018
**嗔 Not Valid After: Mon Mar 16 12:10:13 2043

**嗔 CA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
**嗔 CA_TOKEN CK_BBOOL CK_TRUE
**嗔 CA_PRIVATE CK_BBOOL CK_FALSE
**嗔 CA_MODIFIABLE CK_BBOOL CK_FALSE
**嗔 CA_LABEL UTF8 "Certum Trusted Root CA"
**嗔 CA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
**嗔 CA_SUBJECT MULTILINE_OCTAL
\060\172\060\011\010\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\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\104\076\045\006\003\125\004\013\023\036\103\145\162
\164\156\155\040\013\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101
END

**嗔 CA_ID UTF8 "0"
**嗔 CA_ISSUER MULTILINE_OCTAL
\060\172\060\011\010\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\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\104\076\045\006\003\125\004\013\023\036\103\145\162
\164\156\155\040\013\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101
END

**嗔 CA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\036\277\131\120\270\311\200\067\114\006\367\353\125\117\265\355\060
\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060\172
Open Source Used In Telstar 7.6.2  2615


CKA_CLASS CK_OBJECT_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\140\161\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004\030\140\020\124\165\156\124\162\165\163\164\040\122\157\157\164\160\141\164\151\157\156\141\154\145\140\161\151\157\156\141\154\145\143\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004\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\140\161\141\164\151\157\156\141\154\145\040\144\145\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004\030\140\020\124\165\156\124\162\165\163\164\040\122\157\157\164\160\141\164\151\157\156\141\154\145\140\161\151\157\156\141\154\145\143\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\02\02\04\02\03\02\32\32\100\114\122\106\206\026\147\135\264\273\273\262\153\076\374\023
END
CKA_VALUE MULTILINE_OCTAL
\06\02\02\02\05\26\36\06\20\02\03\23\32\40\03\02\00\00\00\02\00\00\02\02\04\02\32\34\21\101\142\22\106\206\026\147\135\264\273\273\262\153\076\374\023\02\06\01\15\052\206\110\206\367\015\000\100\013\00\50\00\06\01\14\06\10\03\06\01\01\06\00\03\12\25\00\04\12\01\05\11\147\145\156\143\145\141\164\151\157\156\141\154\145\040\144\145\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004\030\140\020\124\165\156\124\162\165\163\164\040\122\157\157\164\160\141\164\151\157\156\141\154\145\140\161\151\157\156\141\154\145\143\164\162\157\156\151\161\165\145\061\031\060

"\267\335\002\216\370\202\010\050\134\314\334\155\257\137\024\234\175
\130\170\015\366\200\011\127\135\016\227\051\031\270\267\353\370
\026\313\125\022\234\433\061\175\273\304\345\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\022\271\152\235\200\077\273\301\007
\333\145\257\346\233\062\232\303\124\222\304\034\103\031\043\373
\017\314\021\010\332\152\101\157\235\220\117\051\121\160\107
\005\301\022\151\151\326\306\066\061\341\374\372\200\072\134\117
\304\045\267\602\254\370\165\141\027\327\230\031\271\361\322\011
\135\172\102\235\313\332\013\324\062\225\116\052\316\377\007\327
\117\176\030\006\021\036\301\031\235\312\273\256\161\304\034\347
\164\131\130\357\014\211\137\213\037\165\223\032\004\024\222\110
\120\251\353\127\051\000\026\234\066\034\310\370\277\360\063\325
\101\017\304\034\104\074\335\351\063\013\001\221\020\053\036\321\271
\135\015\062\031\121\132\34\14\040\167\327\042\034\012\334\204\046
\233\045\155\350\264\125\161\177\260\174\263\323\161\111\271\137
\122\244\004\077\333\407\524\020\273\257\063\236\012\060\140\216\333
\235\135\224\252\025\174\347\14\220\016\066\012\031\142\134\006
\106\111\342\014\322\250\257\353\314\161\357\347\042\142\251\367
\134\144\154\237\026\214\147\066\047\105\365\011\173\277\366\020
\012\361\260\215\212\034\312\040\227\224\077\357\342\065\307\373
\164\340\157\064\010\132\207\163\145\127\040\371\233\147\172\146
\150\044\116\200\145\275\020\231\006\131\362\145\257\270\036\107
\172\375\220\170\213\101\163\056\257\125\037\334\073\322\162\156
\204\323\320\141\140\153\141\166\127\342\055\205\042\025\066\015
\353\001\235\155\330\035\042\204\231\373\300\014\314\062\350\343
\167\332\203\041\213\236\125\050\300\213\302\123\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
# 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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TunTrust Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL


\317\351\160\204\017\340\163\017\235\366\014\177\054\113\356\040
\106\064\234\273
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\205\023\271\220\133\066\134\266\136\270\132\370\340\061\127\264
END
CKA_ISSUER MULTILINE_OCTAL
\002\024\023\002\325\342\100\114\222\106\206\026\147\135\264\273
\273\262\153\076\374\023
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\023\002\325\342\100\114\222\106\206\026\147\135\264\273
\273\262\153\076\374\023
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HARICA TLS RSA Root CA 2021"
# # Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# # 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_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_CLASSIFICATION_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT.MULTILINE.OCTAL
\060\154\066\101\130\060\011\006\003\125\004\006\023\002\107\122\061
\106\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\145\155\151\143\040\141\156\144\140
\122\141\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123

Open Source Used In Telstar 7.6.2 2618
# 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

CKA_CLASS CK_OBJECT_CLASS 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_ISSUER MULTILINE_OCTAL
\143\304\166\276\254\070\030\341\136\134\317\256\072\042\121\353
\321\213\263\363\053\063\007\124\207\372\264\262\023\173\272\123
\146\001\142\000\123\356\361\130\001\17\356\358\340\072\324\213\124\000\20\372\002
\127\340\357\301\103\267\220\106\234\031\051\214\334\157\240\112
\151\151\222\264\267\044\145\240\377\254\077\316\001\137\041\056\375
\150\270\233\362\245\317\061\070\134\025\252\234\62\227\000\301\137
\132\245\247\071\252\351\204\177\074\121\250\072\331\124\332\141
\277\17\01\16\345\333\250\134\324\222\246\376\000\243\306\026
\30\17\350\200\316\034\050\144\164\031\010\323\102\34\316\000
\135\177\261\334\023\260\341\005\313\321\040\252\206\164\236\071
\347\221\375\377\133\326\367\255\246\057\003\013\155\343\127\124
\353\166\123\030\215\021\230\272
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\055\005\202\372\210\316\024\014\006\171\336\177\024\020\351
\105\327\245\155

END

# Open Source Used In Telstar 7.6.2 2021
# 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):

END
CKA_VALUE MULTILINE_OCTAL
\060\020\002\124\060\020\001\333\240\003\002\001\002\020\0147
\164\235\215\167\333\073\152\333\042\364\377\131\342\277\316\060
\010\020\006\010\052\206\110\316\075\004\000\003\060\0154\061\013\060
\011\006\003\012\054\004\006\023\000\021\071\122\061\067\060\065\006\003
\125\004\012\014\056\110\145\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\013\101\010\061\044\060\042\060\003\125\004\003\014\033\110\101
\122\111\103\101\040\124\114\123\040\105\103\103\040\122\157\157
\164\040\103\101\040\062\060\062\061\060\036\027\105\016\021\061\060
\06\206\061\071\061\060\061\061\060\132\027\015\064\065\060\060\062
\061\063\061\060\061\060\071\132\060\154\061\013\060\011\006
\003\125\004\006\023\002\017\122\061\067\060\065\006\003\125\004
\101\210\014\056\110\145\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\010\061\044\060\042\060\003\125\004\003\014\033\110\101\122\111
\103\101\040\124\114\123\040\105\103\103\040\122\157\157\164\040
\103\101\040\062\060\062\060\160\160\060\006\000\075\052\206\110
\316\075\002\001\060\005\053\1\010\040\000\000\042\003\014\200\000\004\070
\101\037\361\124\020\263\322\172\254\257\11\072\320\030\034\030\073
\050\025\361\162\155\145\000\107\210\204\374\232\046\153\252\113
\272\154\004\012\210\136\027\362\125\073\374\060\260\064\342\064
\130\127\032\204\123\351\060\331\125\136\226\164\033\121\037\130
\111\061\034\123\010\116\021\207\165\323\162\224\220\117\233\020
\045\052\250\170\055\276\220\101\130\220\025\162\247\241\267\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\000\04\005\060
\003\001\000\013\377\060\035\006\003\125\035\016\004\260\000\042\043
\033\123\201\022\376\004\032\250\026\321\252\274\232\157\267\240\225
\031\115\361\126\016\006\003\125\035\017\001\001\377\000\04\004\003
\002\001\020\060\000\012\006\010\052\206\110\316\075\004\003\003\003
\147\000\060\014\000\020\060\021\336\256\370\334\116\210\260\251\360
\042\255\302\121\100\357\140\161\055\356\217\002\030\135\030\160
\111\244\222\352\050\242\010\160\246\323\015\260\252\312\054\100
\234\373\351\020\156\232\002\060\053\107\232\007\036\321\032\020
\174\312\013\226\030\101\033\243\364\060\011\125\125\265\043\035\001
\237\024\266\074\123\242\114\006\151\175\372\154\221\130\060\052\111
\105\346\354\267\023\341\072\154
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 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
# 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 2024

# Fingerprint (SHA-256):

# 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 RSA Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\274\260\301\235\351\230\222\160\031\070\127\351\215\247\264\135
\156\356\001\110
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\256\367\114\345\146\065\321\267\233\214\042\223\164\323\113\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\003\125\004\006\023\002\107\122\061
\067\060\065\000\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\161\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\111\103\101\040\124\114\123\040\105\013
\103\040\122\157\157\164\040\103\101\040\062\060\062\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\147\164\235\215\167\330\073\152\333\042\364\377\131\342
\277\316
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
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\001\111\006\003\125\004\006\023\002\107\122\061
\067\060\065\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\113\101\040\013\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\111\006\003\125\004\006\023\002\107\122\061
\067\060\065\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\113\101\040\013\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\122\370\036\033\033\044\045\023\027\223\226\030\031\002
\050\076
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\252\060\023\002\222\240\003\020\001\002\002\020\125
\122\370\036\033\033\044\054\023\027\226\030\031\002\050\076
\015\006\011\052\206\110\122\111\103\101\013\005\000\060\157
\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\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\113\101\040\013\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\045\023\027\223\226\030\031\002
\050\076
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\252\060\023\002\222\240\003\020\001\002\002\020\125
\122\370\036\033\033\044\054\023\027\226\030\031\002\050\076
\015\006\011\052\206\110\122\111\103\101\013\005\000\060\157
\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\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\113\101\040\013\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
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_CLASS CK_OBJECT_CLASS 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
    \053\361\054\325\320\005\236\334\055\275\067\146\324\004\242\247
    \255\277\072\302\250\073\255\377\215\235\065\340\271\232\204\241
    \207\037\166\364\202\164\327\016\371\060\110\076\133\210\076\252
    \134\153\326\057\014\350\216\163\302\030\221\203\071\266\146\132
    \320\037\140\047\135\115\343\366\072\015\151\146\120\234\170\173\253
    \363\023\020\170\057\253\350\144\263\030\040\235\106\065\144
    \045\163\352\233\020\134\130\065\211\126\110\102\247\364\254\324
    \035\236\133\14\251\245\032\203\174\044\120\252\331\033\155\261
    \100\037\235\351\30\164\304\302\215\072\241\163\354\333\065\137\270
    \124\165\105\130\032\246\110\032\050\065\072\256\145\362\251\120\316
    \257\133\311\070\214\061\107\177\131\14\334\226\375\342\133\326\320
    \113\364\166\272\013\131\117\203\02\03\071\00\320\035\140\351\0152
    \345\110\130\167\014\105\151\127\160\031\161\100\040\144\342\334\044037
    \112\310\301\076\231\136\52\230\070\110\045\241\025\260\003327
    \342\204\030\133\366\161\065\232\150\173\100\314\030\134\014\044
    \235\324\225\365\023\125\106\352\256\254\277\364\024\031\044\0350
    \214\354\343\53\365\274\006\150\212\052\014\005\137\012\227\165\0247
    \334\176\300\375\327\172\030\317\060\312\070\110\037\260\230\0160
    \127\314\174\163\360\156\304\061\125\244\227\035\254\177\316\154
    \041\112\276\047\043\147\363\006\126\201\102\221\162\266\341\003
    \005\063\054\323\062\046\010\115\116\120\043\325\037\245\305\324\172
    \137\352\011\135\42\050\140\213\106\174\265\352\233\335\117\371
    \347\153\025\306\210\131\170\033\333\354\047\334\004\126\156\157\106
    \025\361\126\055\350\134\014\163\303\043\201\070\040\313\111\014
    \151\317\054\253\073\20\140\063\031\122\375\151\024\063
    END

CKA_NSS_MOZILLA_CA_POLICY CKBBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CKBBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CKBBOOL CK_FALSE

END
Open Source Used In Telstar 7.6.2  2628

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\157\355\134\327\210\314\070\251\133\351\135\331\135\333\330\035

CKA_ISSUER MULTILINE_OCTAL
\060\175\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\031\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

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\125\123\370\036\033\033\033\044\054\236\273\226\030\315\002

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

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client ECC Root CA 2021"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\175\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\031\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

Open Source Used In Telstar 7.6.2  2628
\316\075\004\003\003\003\147\000\000\060\14\4\002\060\114\061\105\106
117\250\346\276\035\167\262\032\030\113\055\210\173\130\346\253
224\153\104\003\260\027\377\33\202\202\202\163\104\121\054\375\223\035
\006\173\024\322\211\135\100\014\357\041\100\105\60\026\060\057\311
\056\132\154\054\035\33\122\340\236\260\271\134\122\174\366\370
\070\312\056\361\324\035\362\242\111\242\225\370\301\130\136\117
\376\163\012\325\061\260\253\043\130\023\214\213\336\073
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 Client ECC Root CA 2021"

# Issuer: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# 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_ISSUER MULTILINE_OCTAL
\326\046\371\000
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
END

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

# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
#
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:1b:70:e9:d2:ff:ae:6c:71
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Tue Sep 23 15:22:07 2014
# Not Valid After : Mon May 05 15:22:07 2036
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
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\060\101\13\006\103\125\004\006\023\002\105\123\061
\102\060\100\006\103\125\004\003\140\071\101\165\164\157\162\151
\144\141\145\040\145\151\162\164\151\146\151\143\141
\143\151\157\156\040\166\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\060\101\13\006\003\125\004\006\023\002\110\123\061
\102\060\100\006\103\125\004\003\140\071\101\165\164\157\162\151
\144\141\145\040\145\151\162\164\151\146\151\143\141
\143\151\157\156\040\166\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\033\160\351\322\377\256\154\161
END

CKA_VALUE MULTILINE_OCTAL
\060\02\00\06\02\4\06\02\2\03\37\12\24\00\03\00\2\01\00\2\02\02\01\00\33
\160\351\322\377\256\154\161\060\01\5\06\01\05\2\06\11\10\2\06\367
\015\001\001\13\005\000\06\12\1\16\01\3\06\01\11\06\10\3\12\2\04\03\14\071
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162
\164\151\146\151\143\141\157\156\040\106\151\162\155\141

Open Source Used In Telstar 7.6.2 2631
Open Source Used In Telstar 7.6.2 2632
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for "Autoridad de Certificacion Firmaprofesional CIF A62634068"
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:1b:70:e9:d2:ff:ae:6c:71
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Tue Sep 23 15:22:07 2014
# Not Valid After : Mon May 05 15:22:07 2036
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS 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
01327630204704211131307125233306513412334214256
1703777266376
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
11615623312411143122673721103442022610251130342143
END
CKA_ISSUER MULTILINE_OCTAL
06011210610130600110060031250040030145071101165157162151
144114401401145040103145162164151146151143141
143151157156040106151162155141160162157146145163
1511571561411540401031111106040101066062066063064
0601066070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
0020100331603511322377256154161
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

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

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus ECC Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\004\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\125\123\276\230\071\147\242\322\153\244
\073\346\155\034\326\332
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\017\060\020\001\125\240\003\002\001\002\002\024\156
\152\274\131\125\123\276\230\071\147\242\322\153\346\155
\034\326\332\060\012\006\010\052\206\110\316\075\004\003\003\060
\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061\034
\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103\150
\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060\030
\060\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\104\012\122\157\157\164\040\103\101\060\036\027\015\061\076\060\067
\063\061\060\067\062\060\064\064\132\027\015\150\064\063\060\067
\060\067\067\062\060\064\064\132\026\017\061\013\060\001\011
\125\004\006\023\002\103\116\016\010\340\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\125\004\003\023\021
\166\124\162\165\163\040\105\103\103\040\122\157\157\164\040\103
\101\060\166\060\020\006\007\052\206\110\316\075\002\000\016\005
\05\132\011\040\004\000\042\003\142\000\004\145\120\112\256\214\171\122
\11\12\252\034\010\030\243\242\135\376\131\126\101\167\375\046\224
\102\273\035\150\010\333\163\262\133\165\363\317\234\116\202\364
\277\370\141\040\265\154\326\205\131\162\160\322\375\333\142\264
\337\123\213\275\261\104\130\142\102\011\130\372\177\133\020\347
\376\100\375\300\330\033\053\062\137\166\024\267\246\040\125\035
Open Source Used In Telstar 7.6.2

# 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):
CKA_CLASS CK_OBJECT_CLASS 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
366234333260374366002023266122062246243221077026
160332303341
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
33611330136511222142331033410762171251240272215205
END

CKA_ISSUER MULTILINE_OCTAL
06010706010106090110060031125004006023002103116061
0340600320060031125004012023023151124162165163103
1501511561410401031157056054114164144056061032060
0300060031250040030230211166124162165163040105103
10304012211571571644040103101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
002024156115227413112521232276230071147242322153244


# 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_ID UTF8 "vTrus Root CA"
CKA_ISSUER_MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
CKA_VALUE MULTILINE_OCTAL

END
# 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):

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 "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):
OPEN SOURCE USED IN TELSTAR 7.6.2

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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 "vTrus Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\204\032\151\373\365\315\032\045\064\023\075\343\370\374\270\231
\320\311\024\267
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\270\311\067\337\372\153\061\204\144\305\352\021\152\033\165\374
END
CKA_ISSUER MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\126\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\101\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
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL

Open Source Used In Telstar 7.6.2 2641
# 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"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\275\261\271\074\325\227\215\105\306\046\024\125\370\333\225\307
\132\321\123\257

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\323\236\304\036\043\074\246\337\317\243\176\155\340\024\346\345

CKA_ISSUER MULTILINE_OCTAL
\060\170\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\062

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\322\235\321\162\352\356\247\200\301\054\154\351\057
\207\122

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Certificate "HiPKI Root CA - G1"

# Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW
# 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"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\055\335\254\316\142\227\224\241\103\350\260\315\166\152\136\140
END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\152\060\020\003\122\249\003\002\001\002\002\020\055\335\254\316\142\227\224\241\103\350\260\315\166\152\136\140
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
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
# 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

# Certificate "HiPKI Root CA - G1"

# CKA_LABEL UTF8 "HiPKI Root CA - G1"
# 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_MUST_VERIFY_TRUST
# CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
# CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
\147\156
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\031\033\040\122\157\157\164
\040\031\101\040\055\040\022\064\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141
\154\123\151\147\156\061\023\060\021\006\003\125\004\003\023\012
\107\154\157\142\141\154\123\151\147\156\060\036\027\015\061\062
\061\061\067\063\060\060\060\060\060\060\060\060\060\060\060\060\060\060
\061\061\070\060\063\060\064\060\067\061\020\061\064\044\060\042
\006\003\125\004\013\023\033\010\154\157\142\141\154\123\151\147
\156\040\105\031\030\040\122\157\157\164\040\103\101\040\055\054
\122\064\061\023\060\021\006\003\125\004\012\023\012\107\154\157
\142\141\154\123\151\147\156\061\023\060\021\006\003\125\004
\023\012\107\154\157\142\141\154\123\151\147\156\060\131\060\023
\006\007\052\206\110\031\160\075\002\001\006\010\052\206\011\03\160\075
\003\001\070\063\010\022\000\004\270\061\171\323\217\154\054\016\237
\056\071\031\034\003\024\256\023\034\071\007\011\026\312\143\261
\271\126\037\021\012\073\011\012\073\016\012\037\163\241\367\145\102\103
\036\031\000\262\156\163\016\177\307\041\135\030\244\052\252\331\161
\077\250\324\271\316\214\035\243\102\060\100\060\16\006\003\125
\035\107\010\001\137\004\004\003\002\001\120\060\017\006\003\125
\035\023\012\001\137\004\005\060\003\001\013\177\060\350\060\003
\125\035\016\004\026\004\024\124\260\173\255\105\270\342\001\177
\373\012\156\373\276\063\311\074\243\204\325\060\121\060\100\052
\120\061\010\316\075\004\003\002\000\017\000\060\104\002\040\021\117
\164\114\271\140\025\361\346\234\240\026\051\120\137\303\030
\156\141\164\357\276\001\030\247\063\031\101\131\141\202\062\002\040
\046\023\012\143\100\360\067\140\120\317\310\330\355\235\022\256
\067\230\274\243\217\114\114\251\064\053\154\357\373\225\233\046
END

CKA_NSS MOZILLA CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS SERVER DISTRUST AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# 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
# 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 ECC Root CA - R4"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\153\240\260\230\341\161\357\132\255\376\110\025\200\167\020\364
\275\157\013\050
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\046\051\370\155\341\210\277\242\145\177\252\304\315\017\177\374
END

CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\101\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\176\365\077\223\375\245\011\041\262\246
END

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

# Certificate "GTS Root R1"
#
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# 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

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
```c

# 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
\062\007\335\033\344\102\316\014\000\105\141\200\265\013\040\131
\051\170\275\371\125\313\143\305\074\114\364\266\377\333\152\137
\061\153\231\236\054\301\153\120\244\327\346\030\024\275\205\077
\147\253\106\237\240\377\102\247\072\177\134\313\135\260\160\035
\053\064\365\324\166\011\014\353\170\141\131\005\363\063\102\303
\141\025\020\33\167\151\361\014\214\324\205\362\105\175\267\123
\352\357\100\132\224\012\134\040\037\116\100\135\142\042\166\337
\377\316\141\275\214\043\170\322\067\002\340\216\336\321\021\067
\211\366\277\355\11\007\142\256\222\354\100\032\257\024\011\331
\320\016\262\242\236\76\356\135\030\377\334\032\055\336\270\066
\161\134\374\171\267\222\045\321\110\163\333\241\065\347\263\231
\147\165\301\031\072\053\107\116\323\102\216\375\061\310\026\146
\332\322\014\074\333\263\216\112\241\015\200\017\173\026\167\024
\277\377\333\101\122\246\222\223\274\040\130\235\351\333\161\103\363
\336\020\303\000\334\250\052\225\266\302\326\077\220\153\166\333
\154\376\214\274\363\216\060\014\334\231\031\065\334\327\310\106
\143\325\066\161\256\127\373\267\202\155\334
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER 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 cko_certificate
cka_token ck_boolean ck_true
cka_private ck_boolean ck_false
cka_modifiable ck_boolean ck_false
cka_label utf8 "GTS Root R2"
cka_certificate_type ck_certificate_type ckc_x_509
cka_subject multiline_octal
\060\107\061\113\060\011\110\060\003\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\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"
ckaIssuer_issuer_UEst Octal
\060\107\061\113\060\011\110\060\003\125\004\006\023\002\125\123\061
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062

end

cka_Serial_number multiline_octal
\002\015\002\003\345\256\305\215\004\045\032\253\021\045\252

end

cka_value multiline_octal
\060\202\005\127\060\020\003\077\240\003\002\001\002\002\015\002
\003\345\256\305\215\004\045\032\253\021\045\252\060\015\006\011

\123\040\122\157\157\164\040\122\061
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_boolean ck_false
# Trust for "GTS Root R2"

# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:ae:c5:8d:04:25:1a:ab:11:25:aa
# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After: Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\232\104\111\166\062\333\336\372\320\274\373\132\173\027\275\236
\126\011\044\224
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\036\071\300\123\346\036\051\202\013\312\122\125\066\135\127\334
END

CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\060\003\125\004\012\023\031\107\157\147\154\145
\040\124\162\165\163\164\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\034\256\305\215\004\045\032\253\021\045\252
END

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

#
# Certificate "GTS Root R3"
#
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# 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_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061

Open Source Used In Telstar 7.6.2  2655
# Trust for "GTS Root R3"
# Issuer: CN=Google Trust Services LLC,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"

END

cka_cert_sha1_hash_multiline_octal
\345\270\202\353\040\370\045\155\075\146
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\100\003\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\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\020\353\040\370\045\155\075\146
END

cka_trust_server_auth ck_trust ck_trust ck_trust ck_trust ck_trust ck_trust ck_trust ck_trust
cka_trust_email_protection ck_trust ck_trust ck_trust ck_trust ck_trust ck_trust ck_trust ck_trust
cka_trust_code_signing ck_trust ck_trust ck_trust ck_trust ck_trust ck_trust ck_trust ck_trust
cka_trust_step_up_approved ck_bbool ck_false

# Certificate "GTS Root R4"
#
# Issuer: CN=Google Trust Services LLC,O=Google Trust Services LLC,C=US
# Serial Number: 02:03:e5:06:ef:63:1a:9c:72:90:50:52

Open Source Used In Telstar 7.6.2 2657
# 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\103\130\060\011\100\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023\031\010\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\103\130\060\011\100\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023\031\010\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\300\150\357\143\032\234\162\220\012\012
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\011\106\020\020\01\121\240\003\002\000\010\020\015\002
\003\345\300\015\035\7\143\032\234\162\220\012\006\010\020\006\010\015\002
\052\206\103\130\067\050\004\003\003\060\010\061\013\060\001\100\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023\031\010\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\300\150\357\143\032\234\162\220\012\012
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\011\106\020\020\01\121\240\003\002\000\010\020\015\002
\003\345\300\015\035\7\143\032\234\162\220\012\006\010\020\006\010\015\002
\052\206\103\130\067\050\004\003\003\060\010\061\013\060\001\100\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023\031\010\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END

Open Source Used In Telstar 7.6.2 2658
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 R4"
# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# 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_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\167\323\031\147\265\340\014\025\366\014\070\141\337\174\341\073\122\016\115\107
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\226\203\167\031\115\166\263\235\145\122\344\035\042\245\350
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\103\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\102\040\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
/* c_rehash.c - Create hash symlinks for certificates
 * C implementation based on the original Perl and shell versions
 *
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 */

1.148 libsdl 1.2.15

1.148.1 Available under license:

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[This is the first released version of the library GPL. It is
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However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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October 28, 1997
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Sam Lantinga (slouken@libsd.org)
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Version 2.1, February 1999

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code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
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THE BASIC LIBRARY FUNCTIONS
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Written by: Philip Hazel
Email local part: ph10
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string.h compatibility shim

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BSD socket emulation code for Winsock2

Brent Cook <bcook@openbsd.org>

arpa/inet.h compatibility shim

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/*
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 */

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/*
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/*
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 *
 * Emulation of getentropy(2) as documented at:
 * http://man.openbsd.org/getentropy.2
 */

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# ===========================================================================
#     https://www.gnu.org/software/autoconf-archive/ax_check_openssl.html
# ===========================================================================

# SYNOPSIS
#
# AX_CHECK_OPENSSL([action-if-found[, action-if-not-found]])
#
# DESCRIPTION
#
# Look for OpenSSL in a number of default spots, or in a user-selected
# spot (via --with-openssl). Sets
#
# OPENSSL_INCLUDES to the include directives required
# OPENSSL_LIBS to the -l directives required
# OPENSSL_LDFLAGS to the -L or -R flags required
#
# and calls ACTION-IF-FOUND or ACTION-IF-NOT-FOUND appropriately
#
# This macro sets OPENSSL_INCLUDES such that source files should use the
# openssl/ directory in include directives:
#
# #include <openssl/hmac.h>
#
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#
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#
#serial 11

AU_ALIAS([CHECK_SSL], [AX_CHECK_OPENSSL])
AC_DEFUN([AX_CHECK_OPENSSL], [
    found=false
    AC_ARG_WITH([openssl],
        [AS_HELP_STRING([--with-openssl=DIR],
            [root of the OpenSSL directory])],
        [
            case "$withval" in
            "" | y | ye | yes | n | no)
                AC_MSG_ERROR([Invalid --with-openssl value])
            ;;
        *) ssldirs="$withval"
    )
    ]
)
esac
]

# if pkg-config is installed and openssl has installed a .pc file,
# then use that information and don't search ssldirs
AC_CHECK_TOOL([PKG_CONFIG], [pkg-config])
if test x"$PKG_CONFIG" != x""; then
    OPENSSL_LDFLAGS="$PKG_CONFIG openssl --libs-only-L 2>/dev/null";
    if test $? = 0; then
        OPENSSL_LIBS="$PKG_CONFIG openssl --libs-only-l 2>/dev/null"
        OPENSSL_INCLUDES="$PKG_CONFIG openssl --cflags-only-I 2>/dev/null"
        found=true
    fi
fi

# no such luck; use some default ssldirs
if ! $found; then
    ssldirs="/usr/local/ssl /usr/lib/ssl /usr/ssl /usr/pkg /usr/local /usr"
fi
]
)

# note that we #include <openssl/foo.h>, so the OpenSSL headers have to be in
# an 'openssl' subdirectory
if ! $found; then
    OPENSSL_INCLUDES=
    for ssldir in $ssldirs; do
        AC_MSG_CHECKING([for include/openssl/ssl.h in $ssldir])
        if test -f "$ssldir/include/openssl/ssl.h"; then
            OPENSSL_INCLUDES="-I$ssldir/include"
            OPENSSL_LDFLAGS="-L$ssldir/lib"
            OPENSSL_LIBS="-lssl -lcrypto"
            found=true
            AC_MSG_RESULT([yes])
            break
        else
            AC_MSG_RESULT([no])
        fi
    done

# if the file wasn't found, well, go ahead and try the link anyway -- maybe
# it will just work!
fi

# try the preprocessor and linker with our new flags,
# being careful not to pollute the global LIBS, LDFLAGS, and CPPFLAGS
AC_MSG_CHECKING((whether compiling and linking against OpenSSL works))
echo "Trying link with OPENSSL_LDFLAGS=$OPENSSL_LDFLAGS;" \
"OPENSSL_LIBS=$OPENSSL_LIBS; OPENSSL_INCLUDES=$OPENSSL_INCLUDES"
>&AS_MESSAGE_LOG_FD

save_LIBS="$LIBS"
save_LDFLAGS="$LDFLAGS"
save_CPPFLAGS="$CPPFLAGS"
LDFLAGS="$LDFLAGS $OPENSSL_LDFLAGS"
LIBS="$OPENSSL_LIBS $LIBS"
CPPFLAGS="$OPENSSL_INCLUDES $CPPFLAGS"
AC_LINK_IFELSE(
    [AC_LANG_PROGRAM([#include <openssl/ssl.h>], [SSL_new(NULL)]),
    [AC_MSG_RESULT([yes])
      $1
    ],
    [AC_MSG_RESULT([no])
      $2
    ])
CPPFLAGS="$save_CPPFLAGS"
LDFLAGS="$save_LDFLAGS"
LIBS="$save_LIBS"

AC_SUBST([OPENSSL_INCLUDES])
AC_SUBST([OPENSSL_LIBS])
AC_SUBST([OPENSSL_LDFLAGS])
)

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/m4/ax_check_openssl.m4
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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/strsep.c

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

/
* Public domain.
* Win32 explicit_bzero compatibility shim.
*/

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/explicit_bzero_win.c

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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/tls_signer.c
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/ *
 * Public domain
 * sys/time.h compatibility shim
 */

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/time.h
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/sys/time.h

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 */

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/tls_keypair.c
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/tls_config.c
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/tls_server.c
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/tls_client.c
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/tls.c
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/tls.h

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/ *
 * Public domain
 * netinet/tcp.h compatibility shim
 */

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/netinet/tcp.h

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* /opt/cola/permits/1304316588_1657203237.3919270/libretls-3-5-1-tar-gz/libretls-3.5.1/README.7
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/*
 * stdlib.h compatibility shim
 * Public domain
 */

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.3919270/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/stdlib.h
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Found in path(s):
* /opt/cola/permits/1304316588_1657203237.3919270/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/strlcpy.c
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/*
 * Public domain
 * sys/stat.h compatibility shim
 */

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.3919270/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/sys/stat.h
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 * Copyright (c) 2012 Matthew Dempsky <matthew@openbsd.org>
Open Source Used In Telstar 7.6.2  2692

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Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/freezero.c
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# ===========================================================================
# https://www.gnu.org/software/autoconf-archive/ax_add_fortify_source.html
# ===========================================================================
#
# SYNOPSIS
#
# AX_ADD_FORTIFY_SOURCE
#
# DESCRIPTION
#
# Check whether -D_FORTIFY_SOURCE=2 can be added to CPPFLAGS without macro
# redefinition warnings, other cpp warnings or linker. Some distributions
# (such as Gentoo Linux) enable _FORTIFY_SOURCE globally in their
# compilers, leading to unnecessary warnings in the form of
#
# <command-line>:0:0: error: "_FORTIFY_SOURCE" redefined [-Werror]
# <built-in>: note: this is the location of the previous definition
#
# which is a problem if -Werror is enabled. This macro checks whether
# _FORTIFY_SOURCE is already defined, and if not, adds -D_FORTIFY_SOURCE=2
# to CPPFLAGS.
#
# Newer mingw-w64 msys2 package comes with a bug in
# headers-git-7.0.0.5546.d200317d-1. It broke -D_FORTIFY_SOURCE support,
# and would need -lssp or -fstack-protector. See
# https://github.com/msys2/MINGW-packages/issues/5803. Try to actually
# link it.
#
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#serial 4

AC_DEFUN([AX_ADD_FORTIFY_SOURCE],[
    ac_save_cflags=$CFLAGS
    ac_cwerror_flag=yes
    AX_CHECK_COMPILE_FLAG([-Werror],[CFLAGS="$CFLAGS -Werror"])
    AC_MSG_CHECKING([whether to add -D_FORTIFY_SOURCE=2 to CPPFLAGS])
    AC_LINK_IFELSE([{
        AC_LANG_PROGRAM([],
        [\
            #ifndef _FORTIFY_SOURCE
                return 0;
            #else
                this_is_an_error;
            #endif
        ]
    }],
    [AC_LINK_IFELSE([{
        AC_LANGSOURCE([],
        [\
            #define _FORTIFY_SOURCE 2
            #include <string.h>
            int main() {
                char *s = " ";
                strcpy(s, "x");
                return strlen(s)-1;
            }\
        ]
    }],
        [AC_MSG_RESULT([yes])
        CFLAGS=$ac_save_cflags
        CPPFLAGS="$CPPFLAGS -D_FORTIFY_SOURCE=2"
    ],
        [AC_MSG_RESULT([no])
        CFLAGS=$ac_save_cflags
    ],
],
]
]
AC_MSG_RESULT([no])
CFLAGS=$ac_save_cflags
)
)

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/m4/ax_add_fortify_source.m4
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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/tls_internal.h
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/*
 * Public domain
 *
 * BSD socket emulation code for Winsock2
 * File IO compatibility shims
 * Brent Cook <bcook@openbsd.org>
 * Kinichiro Inoguchi <inoguchi@openbsd.org>
 */

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/posix_win.c
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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/bsd-asprintf.c
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/ *
* Public domain
* fcntl.h compatibility shim
*/

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/fcntl.h
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/ *
* Public domain.
* Written by Matthew Dempsky.
*/

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/explicit_bzero.c
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/ *
* Public domain
* netinet/in.h compatibility shim
*/

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/netinet/in.h
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/ *
* Public domain
* sys/mman.h compatibility shim
*/

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/sys/mman.h

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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/man/tls_client.3
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/man/tls_init.3
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/man/tls_config_set_protocols.3
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/man/tls_accept_socket.3
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/man/tls_ocsp_process_response.3
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/man/tls_config_set_session_id.3
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/man/tls_read.3
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/man/tls_connect.3
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/man/tls_load_file.3
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/*
* Public domain
* sys/param.h compatibility shim
*/

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AC_INIT([libretls], m4_esycmd(tr -d '
' < VERSION))
AC_SUBST([LIBTLS_VERSION], m4_esycmd([tr -d '
' < LIBTLS_VERSION]))

AC_CANONICAL_HOST
AM_INIT_AUTOMAKE([subdir-objects foreign])
AC_CONFIG_MACRO_DIR([m4])
m4_ifdef([AM_SILENT_RULES], [AM_SILENT_RULES([yes])])

# This must be saved before AC_PROG_CC
USER_CFLAGS="SCFLAGS"

AC_PROG_CC([cc gcc])
AM_PROG_CC_C_O
LT_INIT([pic-only])

CHECK_OS_OPTIONS
CHECK_C_HARDENING_OPTIONS

DISABLE_AS_EXECUTABLE_STACK
AM_PROG_AS

DISABLE_COMPILER_WARNINGS

CHECK_LIBC_COMPAT
CHECK_CRYPTO_COMPAT
CHECK_VA_COPY

AC_MSG_CHECKING([if .gnu.warning accepts long strings])
AC_LINK_IFELSE([AC_LANG_SOURCE([[
    extern void SSLv3_method();
    __asm__(".section .gnu.warning.SSLv3_method\n\n.ascii "SSLv3_method is insecure\n\ntext");
    int main() {return 0;}
    ]])]

AC_DEFINE(HAS_GNU_WARNING_LONG, 1, [Define if .gnu.warning accepts long strings.])
AC_MSG_RESULT(yes)

AC_MSG_RESULT(no)

AX_CHECK_OPENSSL([], [AC_MSG_ERROR([unable to find OpenSSL])])

AC_CONFIG_FILES([Makefile
    include/Makefile
    man/Makefile
    libtls.pc
    ])

AC_OUTPUT

Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/configure.ac

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* ----------------------------------------------------------------------
* 
* Found in path(s):
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/timegm.c
* No license file was found, but licenses were detected in source scan.
* 

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* */

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*/
* Public domain
* limits.h compatibility shim
* */

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* `/opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/scripts/wrap-compiler-for-flag-check`

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 */

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* `/opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/pwrite.c`
* `/opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/ftruncate.c`
* `/opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/pread.c`

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/*
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 * sys/ioctl.h compatibility shim
 */

Found in path(s):
* `/opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/sys/ioctl.h`

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/*
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 * pthread.h compatibility shim
 */

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* `/opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/pthread.h`

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* http://man.openbsd.org/getentropy.2
*/

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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/getentropy_win.c
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 */

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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/getentropy_osx.c
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/getentropy_solaris.c
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/getentropy_hpux.c
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/compat/getentropy_linux.c

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 * Public domain
 * stdio.h compatibility shim
 */

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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/stdio.h

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* sys/socket.h compatibility shim
*/

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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3-5-1-tar-gz/libretls-3.5.1/include/compat/sys/socket.h
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* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3.5.1-tar-gz/libretls-3.5.1/compat/arc4random_osx.h
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3.5.1-tar-gz/libretls-3.5.1/compat/arc4random.c
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3.5.1-tar-gz/libretls-3.5.1/compat/arc4random_netbsd.h
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3.5.1-tar-gz/libretls-3.5.1/compat/arc4random_solaris.h
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3.5.1-tar-gz/libretls-3.5.1/compat/arc4random_win.h
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3.5.1-tar-gz/libretls-3.5.1/compat/arc4random_freebsd.h
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3.5.1-tar-gz/libretls-3.5.1/compat/arc4random_hpux.h
* /opt/cola/permits/1304316588_1657203237.391927/0/libretls-3.5.1-tar-gz/libretls-3.5.1/compat/arc4random_aix.h
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chacha-merged.c version 20080118
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* netinet/ip.h compatibility shim
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1.152 x-oauth2

18.05.0+ce+gitf150324782643a5268a04e7d1a

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1.153 erlang-otp 7.3

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- Greg Brackley (greg.brackley@bigfoot.com): Major rework of WINNT port. Clean up recvbuf and isiosignal code into separate modules
- Marc Brett (Marc.Brett@westgeo.com): Magnavox GPS clock driver
- Pietro Brooks (Piete.Brooks@cl.cam.ac.uk): MSF clock driver, Trimble PARSE support
- Nelson Bolyard (nelson@bolyard.me): update and complete broadcast and crypto features in sntp
- Jean-Francois Boudreault (Jean-Francois.Boudreault@viagenie.qc.ca): IPv6 support
- Reg Clemens (reg@dwf.com): Oncore driver (Current maintainer)
- Steve Clift (clift@ml.csiro.au): OMEGA clock driver
- Casey Crellin (casey@csc.co.za): vxWorks (Tornado) port and help with target configuration
- Sven Dietrich (sven_dietrich@trimble.COM): Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port
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1.156 ncurses 6.0

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1.157 dosfs-tools 2.11

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1.162 openssh 6.6p1

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the \texttt{Lesser} General Public License because it does \texttt{Less} to protect the user's freedom than the ordinary General Public License. It also provides other free software developers \texttt{Less} of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is \texttt{Less} protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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\end{enumerate}
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The ``Library'', below, refers to any such software library or work which has been distributed under these terms. A ``work based on the Library'' means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ``modification''.)

``Source code'' for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
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However, linking a ``work that uses the Library'' with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a ``work that uses the library''. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.
When a “work that uses the Library” uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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@subheading END OF TERMS AND CONDITIONS

@page
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Ty Coon, President of Vice
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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.171 kubernetes-apimachinery v0.23.0-alpha.2

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1.174 tcl 8.3.2

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1.181 go 1.9.2

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1.183 libuv 1.7.4

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#ifndef UV_BSD_H
#define UV_BSD_H

#define UV_PLATFORM_FS_EVENT_FIELDS

#define UV_BSD_H
#define UV_BSD_H

#define UV_PLATFORM_FS_EVENT_FIELDS
uv__io_t event_watcher;               \

#define UV_IO_PRIVATE_PLATFORM_FIELDS    \
  int rcount;                          \
  int wcount;                          \

#define UV_HAVE_KQUEUE 1

#endif /* UV_BSD_H */

Files: *
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1.188 ncurses 6.3_p20220402-r0

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1.191 findutils 6.5
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1.192 libpcap 1.7.4

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1.193 edk2 202111
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Key Dates
----------
* August 3, 2017

Update the TianoCore Contribution Agreement from Version 1.0 to Version 1.1 to cover open source documentation associated with the TianoCore project.

Version 1.0 covers source code files. Version 1.1 is a backwards compatible extension that adds support for document files in both source form and compiled form.

References:
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Proposals (RFCs):
https://lists.01.org/pipermail/edk2-devel/2017-March/008654.html

TianoCore Bugzilla:
https://bugzilla.tianocore.org/show_bug.cgi?id=629

* April 9, 2019

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1. Create a change description in the format specified below to
   use in the source control commit log.
2. Your commit message must include your "Signed-off-by" signature, and "Contributed-under" message.

3. Your "Contributed-under" message explicitly states that the contribution is made under the terms of the specified contribution agreement. Your "Contributed-under" message must include the name of contribution agreement and version. For example: Contributed-under: TianoCore Contribution Agreement 1.1
The "TianoCore Contribution Agreement" is included below in this document.

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=================================================================
= Change Description / Commit Message / Patch Email =
=================================================================

Your change description should use the standard format for a commit message, and must include your "Signed-off-by" signature and the "Contributed-under" message.

== Sample Change Description / Commit Message =

=== Start of sample patch email message ===

From: Contributor Name <contributor@example.com>
Subject: [Repository/Branch PATCH] Module: Brief-single-line-summary

Full-commit-message
Contributed-under: TianoCore Contribution Agreement 1.1
Signed-off-by: Contributor Name <contributor@example.com>
---

An extra message for the patch email which will not be considered part of the commit message can be added here.

Patch content inline or attached

=== End of sample patch email message ===

=== Notes for sample patch email ===

* The first line of commit message is taken from the email's subject line following [Repository/Branch PATCH]. The remaining portion of the commit message is the email's content until the '---' line.
* "git format-patch" is one way to create this format

=== Definitions for sample patch email ===

* "Repository" is the identifier of the repository the patch applies. This identifier should only be provided for repositories other than 'edk2'. For example 'edk2-BuildSpecification' or 'staging'.
* "Branch" is the identifier of the branch the patch applies. This identifier should only be provided for branches other than 'edk2/master'. For example 'edk2/UDK2015', 'edk2-BuildSpecification/release/1.27', or 'staging/edk2-test'.
* "Module" is a short identifier for the affected code or documentation. For example 'MdePkg', 'MdeModulePkg/UsbBusDxe', 'Introduction', or 'EDK II INF File Format'.
* "Brief-single-line-summary" is a short summary of the change.
* The entire first line should be less than ~70 characters.
* "Full-commit-message" a verbose multiple line comment describing the change. Each line should be less than ~70 characters.
* "Contributed-under" explicitly states that the contribution is made under the terms of the contribution agreement. This agreement is included below in this document.
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= Code Contributions =

To make a contribution to a TianoCore project, follow these steps.
1. Create a change description in the format specified below to use in the source control commit log.
2. Your commit message must include your "Signed-off-by" signature,
3. Your "Contributed-under" message explicitly states that the contribution is made under the terms of the specified contribution agreement. Your "Contributed-under" message must include the name of contribution agreement and version. For example: Contributed-under: TianoCore Contribution Agreement 1.0

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Contributions using other licenses might be accepted, but further review will be required.

=================================================================
= Change Description / Commit Message / Patch Email =
=================================================================

Your change description should use the standard format for a commit message, and must include your "Signed-off-by" signature and the "Contributed-under" message.

== Sample Change Description / Commit Message =

From: Contributor Name <contributor@example.com>
Subject: [PATCH] CodeModule: Brief-single-line-summary

Full-commit-message

Contributed-under: TianoCore Contribution Agreement 1.0
Signed-off-by: Contributor Name <contributor@example.com>

---
An extra message for the patch email which will not be considered part of the commit message can be added here.

Patch content inline or attached

=== End of sample patch email message ===

=== Notes for sample patch email ===

* The first line of commit message is taken from the email's subject line following [PATCH]. The remaining portion of the commit message is the email's content until the `---` line.  
* git format-patch is one way to create this format

=== Definitions for sample patch email ===

* "CodeModule" is a short identifier for the affected code. For example MdePkg, or MdeModulePkg UsbBusDxe.
* "Brief-single-line-summary" is a short summary of the change.
* The entire first line should be less than ~70 characters.
* "Full-commit-message" a verbose multiple line comment describing the change. Each line should be less than ~70 characters.
* "Contributed-under" explicitly states that the contribution is made under the terms of the contribution agreement. This agreement is included below in this document.
* "Signed-off-by" is the contributor's signature identifying them by their real/legal name and their email address.

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The DSP/Bridge project wish to thank all of its contributors, current bridge driver is the result of the work of all of them. If any name is accidentally omitted, let us know by sending a mail to omar.ramirez@ti.com or x095840@ti.com.

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/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 * *
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG PHYIE bit - we don't care when the PHY
 * interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos
 * and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on
 * loss of link, and correctly re-enable PHY when link is
 * re-established. (put back CFG PHYIE)
 * *
 * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 * *
 * R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
 *
 * Linux driver for the IDT77201 NICStAR PCI ATM controller.
 * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
 * see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb’s passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
*
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*
* M. Welsh, 6 July 1996
*
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for the nxt2004 frontend driver

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for the or51211 and or51132 frontend drivers, and
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The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
*
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.198 pflag

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The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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1.201 go 1.14.2
1.201.1 Available under license:

# This is the official list of people who can contribute
# (and typically have contributed) code to the Go repository.
# The AUTHORS file lists the copyright holders; this file
# lists people. For example, Google employees are listed here
# but not in AUTHORS, because Google holds the copyright.
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# Names should be added to this file only after verifying that
# the individual or the individual's organization has agreed to
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# Names should be added to this file like so:
#   Individual's name <submission email address>
#   Individual's name <submission email address> <email2> <emailN>
#
# An entry with multiple email addresses specifies that the
# first address should be used in the submit logs and
# that the other addresses should be recognized as the
# same person when interacting with Gerrit.
#
# Please keep the list sorted.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a
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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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That's all there is to it!
1.208 go 1.8.1

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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<signature of Ty Coon>, 1 April 1990
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That's all there is to it!

1.213 unzip 6
1.213.1 Available under license :

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There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):
Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port). These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/*"), Steve P. Miller (Pocket UnZip GUI "wince/*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding _in an apparatus that performs LZW encoding_, but the patent appears to exempt a stand-alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed. The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is
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*
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*
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*
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* 
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Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS), 71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

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The remaining code was written by many people associated with the
Info-ZIP group, with large contributions from (but not limited to):
Greg Roelofs (overall program logic, ZipInfo, unshrink, filename
mapping/portability, etc.), Mark Adler (inflate, explode, funzip),
Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine
Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows
DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.
The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

1.214 psutil 5.7.3
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1.215 zip 3
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c ispell-local-pdict: "ispell-dict"
c End:

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- Seth Arnold, for contributing to the documentation.
- Daniel Black, (former) maintainer of the Gentoo GNU/Linux BeeCrypt package.
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- ARM Ltd, for donating a copy of "ARM Architecture Reference Manual".
- HP/Compaq, for their testdrive program, which gave me the opportunity to test and BeeCrypt on many new platforms.
- FSF France, for providing me with access to the GCC Compile Farm.
- SourceForge, for their excellent open source development platform.

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1.224 binutils 2.24

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If such an object file uses only numerical parameters, data
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1.227 protobuf-c 1.3.3

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1.229 netcat 0.7.1

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1.230 open-ldap 1.2.5

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1.235 paho-mqtt 1.5.0

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1.236 docker 18.05.0-ce+gitf150324782643a5268a04e7d1a

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// For more information: http://goo.gl/8us55a#licenseObject

type License struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

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Gocheck - A rich testing framework for Go

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the *Lesser* General Public License because it does *less* to protect the user's freedom than the ordinary General Public License. It also provides other free software developers *less* of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

@subheading TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@enumerate 0
@item
This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

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You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

@item
You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

@enumerate a
@item
The modified work must itself be a software library.

@item
You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

@item
You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

@item
If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.
If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

@item
A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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.

@item
As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer’s own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

@enumerate a
@item
Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable ``work that
uses the Library'', as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

@item
Use a suitable shared library mechanism for linking with the Library. A
suitable mechanism is one that (1) uses at run time a copy of the
library already present on the user's computer system, rather than
copying library functions into the executable, and (2) will operate
properly with a modified version of the library, if the user installs
one, as long as the modified version is interface-compatible with the
version that the work was made with.

@item
Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

@item
If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

@item
Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
@end enumerate

For an executable, the required form of the ``work that uses the
Library'' must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

@item
You may place library facilities that are a work based on the
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facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

@enumerate a
@item
Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.
@item
Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.
@end enumerate

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@end enumerate

@end subheading

@end subheading

@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

@example
@var{one line to give the library's name and an idea of what it does.}
Copyright (C) @var{year} @var{name of author}

This library is free software; you can redistribute it and/or modify it
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Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301,
USA.
@end example

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

@smallexample
Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.
@end smallexample

@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

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Version 2.1, February 1999

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Preamble

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When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
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Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5c0f2b3b5b6.
Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp:
These files were derived from the file_handle, systembuf, pipe and pistream
classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk,
admin/check-style-cpp.awk, admin/check-style-shell.awk: These files,
except the first one, were first implemented in the Buildtool project.
They were later adapted to be part of Boost.Process and, during that
process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

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vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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-->

<!-- $Id: copyright.xsl,v 1.8 2009/07/10 23:47:58 tbox Exp $ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">

<xsl:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
</xsl:template>

</xsl:stylesheet>
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The development of Dynamically Loadable Zones (DLZ) for Bind 9 was conceived and contributed by Rob Butler.

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain
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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application
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1.245 docker-cli v20.10.8

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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1.255 bluez 4.101

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1.257 procps 3.2.8

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1.258 ecdsa 0.11

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1.259 python 2.7.16

1.260 gmp 6.0.0

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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# Constant-time SSSE3 AES core implementation.
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#
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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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1.265 x-crypto
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1.267 ethtool 4.6

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Network Working Group  H. Krawczyk
Request for Comments: 2104  IBM
Category: Informational  M. Bellare
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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a “work based on the library” and a “work that uses the library”. The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)
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,
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uses the Library", as object code and/or source code, so that the
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c) If distribution of the work is made by offering access to copy
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d) Verify that the user has already received a copy of these
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which the executable runs, unless that component itself accompanies 
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/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com) */
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk) *
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc. *
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
loss of link, and correctly re-enable PHY when link is
re-established. (put back CFG_PHYIE)
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
see init_nicstar() for PHY initialization to change this. This driver
expects the Linux ATM stack to support scatter-gather lists
* skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
as needed. This means that data must always be copied to create
the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
SDU, and leave <small_buffer_data> bytes empty at the start. Then
copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
buffers. This is done by 2 things:
  1) skb->destructor / skb->atm.recycle_buffer
     combined, allow nicstar_free_rx_skb to be called to
     recycle large data buffers
  2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
details.
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M. Welsh, 6 July 1996

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(in case you are wondering where CyberLogin is, EON changed its login
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for the nxt2004 frontend driver

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for merging the nxt2002 and nxt2004 modules into a
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 * 
 * curve25519-donna: Curve25519 elliptic curve, public key function  
 * 
 * http://code.google.com/p/curve25519-donna/  
 * 
 * Adam Langley <agl@imperialviolet.org>  
 * 
 * Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>  
 * 
 * More information about curve25519 can be found here  
 * http://cr.yp.to/ecdh.html  
 * 
 * djb's sample implementation of curve25519 is written in a special assembly  
 * language called qhasm and uses the floating point registers.  
 * 
 * This is, almost, a clean room reimplementation from the curve25519 paper. It
* uses many of the tricks described therein. Only the crecip function is taken
* from the sample implementation.
*/

1.281 blackfriday 2.1.0

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1.282 vim 7.4

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
*uganda.txt* For Vim version 8.2. Last change: 2020 Jan 08
SUMMARY

Vim is Charityware. You can use and copy it as much as you like, but you are encouraged to make a donation for needy children in Uganda. Please see [kcc] below or visit the ICCF web site, available at these URLs:

http://iccf-holland.org/
http://www.vim.org/iccf/
http://www.iccf.nl/

You can also sponsor the development of Vim. Vim sponsors can vote for features. See [sponsor]. The money goes to Uganda anyway.

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Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.

- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.

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- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.

- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.

- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED_BY define.

==============================================================================
Kibaale Children's Centre*Kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.
The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.
How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353
If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse. This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74
Germany: It is possible to make donations that allow for a tax return. Check the ICCF web site for the latest information: http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number. Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:
The e-mail address for sending the money to is:
    Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:
    Postbank, account 4548774
    Swift code: INGB NL 2A
    IBAN: NL95 INGB 0004 5487 74
    under the name "stichting ICCF Holland", Lisse
    If that doesn't work:
    Rabobank Lisse, account 3765.05.117
    Swift code: RABO NL 2U
    under the name "Bram Moolenaar", Lisse
    Otherwise, send a check in euro or US dollars to the address below. Minimal amount: $70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:
    Bram Moolenaar
    Finsterruethof 1
    8134 Adliswil
    Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:noet:ft=help:norl:
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c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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This code is derived from section 17.1 of Applied Cryptography, second edition, which describes a stream cipher allegedly compatible with RSA Labs "RC4" cipher (the actual description of which is a trade secret). The same algorithm is used as a stream cipher called "arcfour" in Tatu Ylonen's ssh package.

Here the stream cipher has been modified always to include the time when initializing the state. That makes it impossible to regenerate the same random sequence twice, so this can't be used for encryption, but will generate good random numbers.

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/* - by Mark Lord 1994-2008 -- freely distributable */

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1.293 bzip2 1.0.8

1.294 idna 13.0.0
1.294.1 Available under license :
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1.295 libtommath 0.42.0

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-- Tom St Denis

1.296 zlib 1.1.4

1.296.1 Available under license :

/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017

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1.297 pyasn1 0.4.8

1.297.1 Available under license:

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

Metadata-Version: 1.2
Name: pyasn1
Version: 0.4.8
Summary: ASN.1 types and codecs
Home-page: https://github.com/etingof/pyasn1
Author: Ilya Etingof
Author-email: etingof@gmail.com
Maintainer: Ilya Etingof <etingof@gmail.com>
License: BSD
Description: Pure-Python implementation of ASN.1 types and DER/BER/CER codecs (X.208)
Platform: any
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Console
Classifier: Intended Audience :: Developers
Classifier: Intended Audience :: Education
Classifier: Intended Audience :: Information Technology
Classifier: Intended Audience :: System Administrators
Classifier: Intended Audience :: Telecommunications Industry
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Classifier: Programming Language :: Python :: 2.4
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Open Source Used In Telstar 7.6.2 4679
This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on [ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features
--------

* Generic implementation of ASN.1 types (X.208)
* Standards compliant BER/CER/DER codecs
* Dumps/loads ASN.1 structures from Python types
* 100% Python, works with Python 2.4 up to Python 3.7
* MT-safe
* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1
-----------------

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of...
high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1. [Communication between heterogeneous systems](http://www.oss.com/asn1/dubuisson.html) by Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1
-----------------

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:

```bash
Record ::= SEQUENCE {
  id        INTEGER,
  room  [0] INTEGER OPTIONAL,
  house [1] INTEGER DEFAULT 0
}
```

Could be expressed in pyasn1 like this:

```python
class Record(Sequence):
  componentType = NamedTypes(
    NamedType('id', Integer()),
    OptionalNamedType(
      'room', Integer().subtype(
        implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
      )
    ),
    DefaultedNamedType(
      'house', Integer(0).subtype(
        implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
      )
    )
  )
```

It is in the spirit of ASN.1 to take abstract data description and turn it into a programming language specific form. Once you have your ASN.1 data structure expressed in Python, you
can use it along the lines of similar Python type (e.g. ASN.1
`SET` is similar to Python `dict`, `SET OF` to `list`):

```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
  id=123
  room=321
>>>
```

Part of the power of ASN.1 comes from its serialisation features. You
can serialise your data structure and send it over the network.

```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```

Conversely, you can turn serialised ASN.1 content, as received from
network or read from a file, into a Python object which you can
introspect, modify, encode and send back.

```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>> for field in received_record:
...    print('{} is {}'.format(field, received_record[field]))
id is 123
  room is 321
  house is 0
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int,
list, dict etc.). But ASN.1 types exhibit more complicated behaviour.
To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id': 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
```

With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](http://snmplabs.com/pyasn1/), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](https://github.com/etingof/pyasn1-modules).

How to get pyasn1
-----------------

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](http://snmplabs.com/pyasn1/license.html). Source code is freely available as a GitHub [repo](https://github.com/etingof/pyasn1).

You could `pip install pyasn1` or download it from [PyPI](https://pypi.org/project/pyasn1).

If something does not work as expected, [open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or post your question on [Stack Overflow](https://stackoverflow.com/questions/ask) or try browsing [pyasn1 mailing list archives](https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/).
No license file was found, but licenses were detected in source scan.

# License: http://snmplabs.com/pyasn1/license.html
Abstract Syntax Notation One (ASN.1) <http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x>`_ is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1 <https://pypi.org/project/pyasn1/>`_ library implements ASN.1 support in pure-Python.
What is ASN.1
-------------

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and become a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions [here](https://news.ycombinator.com/item?id=8871453) on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's [ProtoBuffers](https://developers.google.com/protocol-buffers/) or [FlatBuffers](https://google.github.io/flatbuffers/), for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

* Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.

* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.

* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications
-------------------

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

* Signaling standards for the public switched telephone network (SS7 family)
* Network management standards (SNMP, CMIP)
* Directory standards (X.500 family, LDAP)
* Public Key Infrastructure standards (X.509, etc.)
* PBX control (CSTA)
* IP-based Videoconferencing (H.323 family)
* Biometrics (BIP, CBEFF, ACBio)
* Intelligent transportation (SAE J2735)
* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas
-------------

Apparently, ASN.1 is hard to implement properly. Quality open-source
ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the
`statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`_ on discovered
security vulnerabilities, many people have implemented ASN.1 parsers
and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood
and security reviewed.

Documentation
-------------

.. toctree::
   :maxdepth: 2

/pyasn1/contents

Use case
-------

.. toctree::
   :maxdepth: 2

/example-use-case

Download & Install
------------------

.. toctree::
   :maxdepth: 2

/download

Changes
-------
All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

.. toctree::
   :maxdepth: 1

/changelog

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   :maxdepth: 2

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Getting help
------------


Books on ASN.1
--------------

The pyasn1 implementation is largely based on reading up the following awesome books:

* `ASN.1 - Communication between heterogeneous systems <http://www.oss.com/asn1/dubuisson.html>`_ by Olivier Dubuisson

Here you can get the official standards which is hard to read:


On the other end of the readability spectrum, here is a quick and sweet write up:

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

**1.298 netaddr 0.8.0**

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1.299 rsync 3.1.0
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collector. Later contributions should instead be mentioned in
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HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mitlame.mitia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(??)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.

Alistair G. Crooks(age@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.

Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk).

Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.

David Chase, then at Olivetti Research, suggested several improvements.

Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn’t made it into the released version of the collector, yet.)

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1.303 libtomcrypt 1.17

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```c
/*
 * SHA-512
 * Implementation derived from LibTomCrypt (Tom St Denis)
 * LibTomCrypt is a library that provides various cryptographic
 * algorithms in a highly modular and flexible manner.
 * The library is free for all purposes without any express
 * guarantee it works.
 * Tom St Denis, tomstdenis@gmail.com, http://libtomcrypt.org
 */
```

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1.307 safeclib 4.0.0
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1.308 kubernetes-api v0.21.0-beta.0

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1.309 jinja2 2.11.3
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* /opt/cola/permits/1160876753_1620411588.74/0/jinja2-2-11-3-1-tar-gz/Jinja2-2.11.3/LICENSE.rst

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

Metadata-Version: 2.1
Name: Jinja2
Version: 2.11.3
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 cached, or can be compiled ahead-of-time.
- 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

Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Web Environment
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
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Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: 3.7
Classifier: Programming Language :: Python :: 3.8
Classifier: Programming Language :: Python :: Implementation :: CPython
Classifier: Programming Language :: Python :: Implementation :: PyPy
Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content
Classifier: Topic :: Software Development :: Libraries :: Python Modules
Classifier: Topic :: Text Processing :: Markup :: HTML
Requires-Python: >=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*
Description-Content-Type: text/x-rst
Provides-Extra: i18n

Found in path(s):
* /opt/cola/permits/1160876753_1620411588.74/0/jinja2-2-11-3-1-tar-gz/Jinja2-2.11.3/PKG-INFO
* /opt/cola/permits/1160876753_1620411588.74/0/jinja2-2-11-3-1-tar-gz/Jinja2-2.11.3/src/Jinja2.egg-info/PKG-INFO
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import io
import re

from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
```python
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]"],
```

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1.310 urllib3 1.26.4
1.310.1 Available under license:

# 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@ravellosystems.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 <graffatcolmingov@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 Vandenberg <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 <tycarac@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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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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