# Quality Criteria Verification Report

|  |  |  |  |
| --- | --- | --- | --- |
| **Product** | *QCG.qcg-ntf.sl6.x86\_64* | **Release** | *3.4.0-7* |
| **Software Provider** | *www.qoscosgrid.org* | **RT Ticket** | *# 7456* |
| **Provider contact** | *Bartosz Bosak <bbosak@man.poznan.pl>* |
| **Verifier** | *Marek Błażewicz <marqs@man.poznan.pl>* |
| **Hours worked** | *2* | **Date** | *09.01.2014* |
| **Status** | **Accepted** |

# Summary

*Verification of the product was done by its installation and basic tests in a clean SL6 system. The process of the installation and tests finished successfully.*

# Related tickets

# Documentation Criteria

|  |  |
| --- | --- |
| **Document** | **Link** |
| Release notes | *http://www.qoscosgrid.org/trac/qcg-**notification/export/HEAD/tags/current/RELEASE\_NOTES#1* |
| User Documentation | *NA* |
| API Documentation | *NA* |
| Admin Documentation | [*http://www.qoscosgrid.org/trac/qcg-notification/wiki#Installation*](http://www.qoscosgrid.org/trac/qcg-notification/wiki#Installation)*https://www.qoscosgrid.org/trac/qcg-**notification/wiki/technicalGuideAndManual* |
| Software License | *http://www.qoscosgrid.org/trac/qcg-notification/wiki/license* |

# Generic Criteria

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Status[[1]](#footnote-1)** | **Additional Comments** |
| Binary Distribution | **OK** |  |
| Upgrade | NA | The first release for SL6 |
| X.509 Certificate support | **OK**  | Support is offered, however in a typical deployment scenario the service doesn’t require to be configured with the authentication enabled. |
| SHA-2 Certificates Support | **OK** | Support is offered, however in a typical deployment scenario the service doesn’t require to be configured with the authentication enabled. |
| RFC Proxy support | **OK** | Support is offered, however in a typical deployment scenario the service doesn’t require to be configured with the authentication enabled. |
| ARGUS Integration | NT | In a typical deployment scenario the service doesn’t require to be configured with the authentication enabled. |
| World Writable Files | **OK** |  |
| Passwords in world readable files | **OK** |  |
| GlueSchema 1.3 Support | **OK** | WARNING: org.qcg.notification ServiceType\_t is not found by glue-validator.<https://ggus.eu/index.php?mode=ticket_info&ticket_id=105429> |
| GlueSchema 2.0 Support | **OK** | WARNING: ServiceType\_t ‘org.qcg.notification’ is not present in glue-validator.WARNING: Capability\_t ‘notification’ is not found by glue-validator.<https://ggus.eu/index.php?mode=ticket_info&ticket_id=105429> |
| Middleware Version Information | **OK** |  |
| Service Probes | **OK** | <https://ngi-mon.grid.cyf-kr.edu.pl/nagios/cgi-bin/extinfo.cgi?type=2&host=moss.man.poznan.pl&service=pl.plgrid.QCG-Notification> |
| Accounting Records | NA |  |
| Bug Tracking System | NT | https://ggus.eu/ws/ticket\_info.php?ticket=96315 |

# Specific QC

## Basic Functionality Test

*QCG-Notification and its complementary packages were installed in a clean SL6 linux. The basic tests were performed in order to proove its basic operational ability. Morover, within this verification the tests of the integration of QCG-Notification with BDII were performed. .*

## New Features/Fixed Bugs

*NA – the first release for SL6*

# Additional Info

**Installation and tests logs**

**Binary Distribution (QC\_DIST\_1)**

[root@elder12 yum.repos.d]# curl -O http://admin-repo.egi.eu/sw/unverified/umd-3.qcg.qcg-ntf.sl6.x86\_64/3/4/0/repofiles/QCG.qcg-ntf.sl6.x86\_64.repo

 % Total % Received % Xferd Average Speed Time Time Time Current

 Dload Upload Total Spent Left Speed

113 340 113 340 0 0 2536 0 --:--:-- --:--:-- --:--:-- 5312

[root@elder12 ~]# wget http://download.fedoraproject.org/pub/epel/6/x86\_64/epel-release-6-8.noarch.rpm

--2014-10-15 17:04:35-- http://download.fedoraproject.org/pub/epel/6/x86\_64/epel-release-6-8.noarch.rpm

Translacja download.fedoraproject.org... 209.132.181.16, 85.236.55.6, 2001:4178:2:1269::fed2, ...

Łączenie się z download.fedoraproject.org|209.132.181.16|:80... połączono.

Żądanie HTTP wysłano, oczekiwanie na odpowiedź... 302 FOUND

Lokalizacja: http://ftp.ps.pl/pub/Linux/fedora-epel/6/x86\_64/epel-release-6-8.noarch.rpm [podążanie]

--2014-10-15 17:04:36-- http://ftp.ps.pl/pub/Linux/fedora-epel/6/x86\_64/epel-release-6-8.noarch.rpm

Translacja ftp.ps.pl... 212.14.28.36, 2001:4c58:62:2::36

Łączenie się z ftp.ps.pl|212.14.28.36|:80... połączono.

Żądanie HTTP wysłano, oczekiwanie na odpowiedź... 200 OK

Długość: 14540 (14K) [application/octet-stream]

Zapis do: `epel-release-6-8.noarch.rpm'

100%[===============================================================================================================================================>] 14.540 --.-K/s w 0,008s

2014-10-15 17:04:36 (1,75 MB/s) - zapisano `epel-release-6-8.noarch.rpm' [14540/14540]

[root@elder12 ~]# yum install epel-release-6-8.noarch.rpm

Loaded plugins: security

Setting up Install Process

Examining epel-release-6-8.noarch.rpm: epel-release-6-8.noarch

Marking epel-release-6-8.noarch.rpm to be installed

Resolving Dependencies

--> Running transaction check

---> Package epel-release.noarch 0:6-8 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

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

 Package Arch Version Repository Size

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

Installing:

 epel-release noarch 6-8 /epel-release-6-8.noarch 22 k

Transaction Summary

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

Install 1 Package(s)

Total size: 22 k

Installed size: 22 k

Is this ok [y/N]: y

Downloading Packages:

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

 Installing : epel-release-6-8.noarch 1/1

 Verifying : epel-release-6-8.noarch 1/1

Installed:

 epel-release.noarch 0:6-8

Complete!

[root@elder12 ~]# wget http://repository.egi.eu/sw/production/umd/3/sl6/x86\_64/updates/umd-release-3.0.1-1.el6.noarch.rpm

--2014-10-15 17:08:14-- http://repository.egi.eu/sw/production/umd/3/sl6/x86\_64/updates/umd-release-3.0.1-1.el6.noarch.rpm

Translacja repository.egi.eu... 195.251.55.113, 195.251.53.182, 2001:648:2030:3000:20::10

Łączenie się z repository.egi.eu|195.251.55.113|:80... połączono.

Żądanie HTTP wysłano, oczekiwanie na odpowiedź... 200 OK

Długość: 9804 (9,6K) [application/x-rpm]

Zapis do: `umd-release-3.0.1-1.el6.noarch.rpm'

100%[=============================================================================================================================================>] 9.804 --.-K/s w 0s

2014-10-15 17:08:14 (321 MB/s) - zapisano `umd-release-3.0.1-1.el6.noarch.rpm' [9804/9804]

[root@elder12 ~]# yum install umd-release-3.0.1-1.el6.noarch.rpm

Loaded plugins: security

epel/metalink | 28 kB 00:00

epel | 4.4 kB 00:00

epel/primary\_db | 6.3 MB 00:01

Setting up Install Process

Examining umd-release-3.0.1-1.el6.noarch.rpm: umd-release-3.0.1-1.el6.noarch

Marking umd-release-3.0.1-1.el6.noarch.rpm to be installed

Resolving Dependencies

--> Running transaction check

---> Package umd-release.noarch 0:3.0.1-1.el6 will be installed

--> Processing Dependency: yum-priorities for package: umd-release-3.0.1-1.el6.noarch

--> Running transaction check

---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

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

 Package Arch Version Repository Size

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

Installing:

 umd-release noarch 3.0.1-1.el6 /umd-release-3.0.1-1.el6.noarch 14 k

Installing for dependencies:

 yum-plugin-priorities noarch 1.1.30-14.el6 sl 21 k

Transaction Summary

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

Install 2 Package(s)

Total size: 35 k

Total download size: 21 k

Installed size: 41 k

Is this ok [y/N]: y

Downloading Packages:

yum-plugin-priorities-1.1.30-14.el6.noarch.rpm | 21 kB 00:00

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

 Installing : yum-plugin-priorities-1.1.30-14.el6.noarch 1/2

 Installing : umd-release-3.0.1-1.el6.noarch 2/2

 Verifying : umd-release-3.0.1-1.el6.noarch 1/2

 Verifying : yum-plugin-priorities-1.1.30-14.el6.noarch 2/2

Installed:

 umd-release.noarch 0:3.0.1-1.el6

Dependency Installed:

 yum-plugin-priorities.noarch 0:1.1.30-14.el6

Complete!

[root@elder12 ~]# yum update

Loaded plugins: priorities, security

EGI-trustanchors | 951 B 00:00

EGI-trustanchors/primary | 30 kB 00:00

EGI-trustanchors 207/207

UMD-3-base | 1.9 kB 00:00

UMD-3-base/primary\_db | 228 kB 00:00

UMD-3-updates | 1.9 kB 00:00

UMD-3-updates/primary\_db | 640 kB 00:00

469 packages excluded due to repository priority protections

Setting up Update Process

Resolving Dependencies

--> Running transaction check

---> Package kernel.x86\_64 0:2.6.32-431.29.2.el6 will be installed

---> Package kernel-firmware.noarch 0:2.6.32-431.17.1.el6 will be updated

---> Package kernel-firmware.noarch 0:2.6.32-431.29.2.el6 will be an update

--> Finished Dependency Resolution

--> Running transaction check

---> Package kernel.x86\_64 0:2.6.32-431.5.1.el6 will be erased

--> Finished Dependency Resolution

Dependencies Resolved

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

 Package Arch Version Repository Size

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

Installing:

 kernel x86\_64 2.6.32-431.29.2.el6 sl-security 28 M

Updating:

 kernel-firmware noarch 2.6.32-431.29.2.el6 sl-security 13 M

Removing:

 kernel x86\_64 2.6.32-431.5.1.el6 @sl-security 121 M

Transaction Summary

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

Install 1 Package(s)

Upgrade 1 Package(s)

Remove 1 Package(s)

Total download size: 41 M

Is this ok [y/N]: y

Downloading Packages:

(1/2): kernel-2.6.32-431.29.2.el6.x86\_64.rpm | 28 MB 02:00

(2/2): kernel-firmware-2.6.32-431.29.2.el6.noarch.rpm | 13 MB 00:56

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

Total 236 kB/s | 41 MB 02:56

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

 Updating : kernel-firmware-2.6.32-431.29.2.el6.noarch 1/4

 Installing : kernel-2.6.32-431.29.2.el6.x86\_64 2/4

 Cleanup : kernel-2.6.32-431.5.1.el6.x86\_64 3/4

 Cleanup : kernel-firmware-2.6.32-431.17.1.el6.noarch 4/4

 Verifying : kernel-2.6.32-431.29.2.el6.x86\_64 1/4

 Verifying : kernel-firmware-2.6.32-431.29.2.el6.noarch 2/4

 Verifying : kernel-firmware-2.6.32-431.17.1.el6.noarch 3/4

 Verifying : kernel-2.6.32-431.5.1.el6.x86\_64 4/4

Removed:

 kernel.x86\_64 0:2.6.32-431.5.1.el6

Installed:

 kernel.x86\_64 0:2.6.32-431.29.2.el6

Updated:

 kernel-firmware.noarch 0:2.6.32-431.29.2.el6

Complete!

[root@elder12 ~]# reboot

[root@elder12 ~]# yum install qcg-ntf

Loaded plugins: priorities, security

EGI-trustanchors | 951 B 00:00

QCG.qcg-ntf.sl6.x86\_64 | 1.9 kB 00:00

UMD-3-base | 1.9 kB 00:00

UMD-3-updates | 1.9 kB 00:00

epel/metalink | 27 kB 00:00

sl | 3.5 kB 00:00

sl-security | 3.0 kB 00:00

469 packages excluded due to repository priority protections

Setting up Install Process

Resolving Dependencies

--> Running transaction check

---> Package qcg-ntf.x86\_64 0:3.4.0-7 will be installed

--> Processing Dependency: qcg-core >= 3.4.0 for package: qcg-ntf-3.4.0-7.x86\_64

--> Processing Dependency: libxslt >= 1.1.17 for package: qcg-ntf-3.4.0-7.x86\_64

--> Processing Dependency: postgresql-odbc >= 08.01.0200-3.1 for package: qcg-ntf-3.4.0-7.x86\_64

--> Processing Dependency: libglobus\_gssapi\_gsi.so.4(globus\_gssapi\_gsi)(64bit) for package: qcg-ntf-3.4.0-7.x86\_64

--> Processing Dependency: libqcg-core.so.3()(64bit) for package: qcg-ntf-3.4.0-7.x86\_64

--> Processing Dependency: libglobus\_openssl.so.0()(64bit) for package: qcg-ntf-3.4.0-7.x86\_64

--> Processing Dependency: libglobus\_gssapi\_gsi.so.4()(64bit) for package: qcg-ntf-3.4.0-7.x86\_64

--> Processing Dependency: libvomsapi.so.1()(64bit) for package: qcg-ntf-3.4.0-7.x86\_64

--> Processing Dependency: libodbc.so.2()(64bit) for package: qcg-ntf-3.4.0-7.x86\_64

--> Running transaction check

---> Package globus-gssapi-gsi.x86\_64 0:10.10-2.el6 will be installed

--> Processing Dependency: globus-gsi-callback(x86-64) >= 4 for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: globus-gsi-proxy-core(x86-64) >= 6 for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: globus-gsi-cert-utils(x86-64) >= 8 for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: globus-gsi-credential(x86-64) >= 5 for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: globus-gsi-openssl-error(x86-64) >= 2 for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: globus-gsi-sysconfig(x86-64) >= 5 for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: globus-common(x86-64) >= 14 for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: libglobus\_common.so.0(GLOBUS\_COMMON\_14)(64bit) for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: libglobus\_gsi\_credential.so.1()(64bit) for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: libglobus\_gsi\_cert\_utils.so.0()(64bit) for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: libglobus\_gsi\_sysconfig.so.1()(64bit) for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: libglobus\_common.so.0()(64bit) for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: libglobus\_gsi\_callback.so.0()(64bit) for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: libglobus\_openssl\_error.so.0()(64bit) for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

--> Processing Dependency: libglobus\_gsi\_proxy\_core.so.0()(64bit) for package: globus-gssapi-gsi-10.10-2.el6.x86\_64

---> Package globus-openssl-module.x86\_64 0:3.3-2.el6 will be installed

--> Processing Dependency: globus-gsi-proxy-ssl(x86-64) >= 4 for package: globus-openssl-module-3.3-2.el6.x86\_64

--> Processing Dependency: libglobus\_proxy\_ssl.so.1()(64bit) for package: globus-openssl-module-3.3-2.el6.x86\_64

---> Package libxslt.x86\_64 0:1.1.26-2.el6\_3.1 will be installed

---> Package postgresql-odbc.x86\_64 0:08.04.0200-1.el6 will be installed

--> Processing Dependency: postgresql-libs >= 8.0 for package: postgresql-odbc-08.04.0200-1.el6.x86\_64

--> Processing Dependency: libpq.so.5()(64bit) for package: postgresql-odbc-08.04.0200-1.el6.x86\_64

---> Package qcg-core.x86\_64 0:3.4.0-2 will be installed

--> Processing Dependency: qcg-libxml2 >= 2.9.1 for package: qcg-core-3.4.0-2.x86\_64

---> Package unixODBC.x86\_64 0:2.2.14-11.el6 will be installed

--> Processing Dependency: libltdl.so.7()(64bit) for package: unixODBC-2.2.14-11.el6.x86\_64

---> Package voms.x86\_64 0:2.0.11-1.el6 will be installed

--> Running transaction check

---> Package globus-common.x86\_64 0:14.10-2.el6 will be installed

---> Package globus-gsi-callback.x86\_64 0:4.6-2.el6 will be installed

---> Package globus-gsi-cert-utils.x86\_64 0:8.6-2.el6 will be installed

---> Package globus-gsi-credential.x86\_64 0:6.0-2.el6 will be installed

---> Package globus-gsi-openssl-error.x86\_64 0:2.1-10.el6 will be installed

---> Package globus-gsi-proxy-core.x86\_64 0:6.2-9.el6 will be installed

---> Package globus-gsi-proxy-ssl.x86\_64 0:4.1-10.el6 will be installed

---> Package globus-gsi-sysconfig.x86\_64 0:5.3-8.el6 will be installed

---> Package libtool-ltdl.x86\_64 0:2.2.6-15.5.el6 will be installed

---> Package postgresql-libs.x86\_64 0:8.4.20-1.el6\_5 will be installed

---> Package qcg-libxml2.x86\_64 0:2.9.1-1 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

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

 Package Arch Version Repository Size

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

Installing:

 qcg-ntf x86\_64 3.4.0-7 QCG.qcg-ntf.sl6.x86\_64 1.7 M

Installing for dependencies:

 globus-common x86\_64 14.10-2.el6 UMD-3-updates 115 k

 globus-gsi-callback x86\_64 4.6-2.el6 UMD-3-updates 38 k

 globus-gsi-cert-utils x86\_64 8.6-2.el6 UMD-3-updates 20 k

 globus-gsi-credential x86\_64 6.0-2.el6 UMD-3-updates 34 k

 globus-gsi-openssl-error x86\_64 2.1-10.el6 UMD-3-updates 17 k

 globus-gsi-proxy-core x86\_64 6.2-9.el6 UMD-3-updates 33 k

 globus-gsi-proxy-ssl x86\_64 4.1-10.el6 UMD-3-updates 17 k

 globus-gsi-sysconfig x86\_64 5.3-8.el6 UMD-3-updates 28 k

 globus-gssapi-gsi x86\_64 10.10-2.el6 UMD-3-updates 57 k

 globus-openssl-module x86\_64 3.3-2.el6 UMD-3-updates 14 k

 libtool-ltdl x86\_64 2.2.6-15.5.el6 sl 43 k

 libxslt x86\_64 1.1.26-2.el6\_3.1 sl-security 451 k

 postgresql-libs x86\_64 8.4.20-1.el6\_5 sl-security 200 k

 postgresql-odbc x86\_64 08.04.0200-1.el6 sl 266 k

 qcg-core x86\_64 3.4.0-2 QCG.qcg-ntf.sl6.x86\_64 563 k

 qcg-libxml2 x86\_64 2.9.1-1 QCG.qcg-ntf.sl6.x86\_64 1.5 M

 unixODBC x86\_64 2.2.14-11.el6 sl 378 k

 voms x86\_64 2.0.11-1.el6 UMD-3-updates 137 k

Transaction Summary

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

Install 19 Package(s)

Total download size: 5.5 M

Installed size: 17 M

Is this ok [y/N]: y

Downloading Packages:

(1/19): globus-common-14.10-2.el6.x86\_64.rpm | 115 kB 00:00

(2/19): globus-gsi-callback-4.6-2.el6.x86\_64.rpm | 38 kB 00:00

(3/19): globus-gsi-cert-utils-8.6-2.el6.x86\_64.rpm | 20 kB 00:00

(4/19): globus-gsi-credential-6.0-2.el6.x86\_64.rpm | 34 kB 00:00

(5/19): globus-gsi-openssl-error-2.1-10.el6.x86\_64.rpm | 17 kB 00:00

(6/19): globus-gsi-proxy-core-6.2-9.el6.x86\_64.rpm | 33 kB 00:00

(7/19): globus-gsi-proxy-ssl-4.1-10.el6.x86\_64.rpm | 17 kB 00:00

(8/19): globus-gsi-sysconfig-5.3-8.el6.x86\_64.rpm | 28 kB 00:00

(9/19): globus-gssapi-gsi-10.10-2.el6.x86\_64.rpm | 57 kB 00:00

(10/19): globus-openssl-module-3.3-2.el6.x86\_64.rpm | 14 kB 00:00

(11/19): libtool-ltdl-2.2.6-15.5.el6.x86\_64.rpm | 43 kB 00:00

(12/19): libxslt-1.1.26-2.el6\_3.1.x86\_64.rpm | 451 kB 00:02

(13/19): postgresql-libs-8.4.20-1.el6\_5.x86\_64.rpm | 200 kB 00:00

(14/19): postgresql-odbc-08.04.0200-1.el6.x86\_64.rpm | 266 kB 00:01

(15/19): qcg-core-3.4.0-2.x86\_64.rpm | 563 kB 00:00

(16/19): qcg-libxml2-2.9.1-1.x86\_64.rpm | 1.5 MB 00:01

(17/19): qcg-ntf-3.4.0-7.x86\_64.rpm | 1.7 MB 00:01

(18/19): unixODBC-2.2.14-11.el6.x86\_64.rpm | 378 kB 00:01

(19/19): voms-2.0.11-1.el6.x86\_64.rpm | 137 kB 00:00

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

Total 380 kB/s | 5.5 MB 00:14

warning: rpmts\_HdrFromFdno: Header V4 DSA/SHA1 Signature, key ID b4d025b3: NOKEY

Retrieving key from http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi

Importing GPG key 0xDF9E12EF:

 Userid: "Doina Cristina Aiftimiei (EMI Release Manager) <aiftim@pd.infn.it>"

 From : http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi

Is this ok [y/N]: y

Retrieving key from http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE

Importing GPG key 0xB4D025B3:

 Userid: "Initiative for Globus in Europe - short (IGE) <info@ige-project.eu>"

 From : http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE

Is this ok [y/N]: y

Retrieving key from http://repository.egi.eu/sw/production/umd/UMD-RPM-PGP-KEY

Importing GPG key 0x96B71B07:

 Userid: "Kostas Koumantaros (UMD Release Manager) <kkoum@grnet.gr>"

 From : http://repository.egi.eu/sw/production/umd/UMD-RPM-PGP-KEY

Is this ok [y/N]: y

Retrieving key from http://www.qoscosgrid.org/qcg-packages/sl5/RPM-GPG-KEY-QCG

Importing GPG key 0xBA42F9BA:

 Userid: "Bartosz Bosak (QCG) <bbosak@man.poznan.pl>"

 From : http://www.qoscosgrid.org/qcg-packages/sl5/RPM-GPG-KEY-QCG

Is this ok [y/N]: y

Retrieving key from http://download.nordugrid.org/RPM-GPG-KEY-nordugrid

Importing GPG key 0x240A5DB2:

 Userid: "NorduGrid <security@nordugrid.org>"

 From : http://download.nordugrid.org/RPM-GPG-KEY-nordugrid

Is this ok [y/N]: y

Retrieving key from http://fedoraproject.org/static/0608B895.txt

Importing GPG key 0x0608B895:

 Userid: "EPEL (6) <epel@fedoraproject.org>"

 From : http://fedoraproject.org/static/0608B895.txt

Is this ok [y/N]: y

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

 Installing : qcg-libxml2-2.9.1-1.x86\_64 1/19

 Installing : voms-2.0.11-1.el6.x86\_64 2/19

 Installing : libtool-ltdl-2.2.6-15.5.el6.x86\_64 3/19

 Installing : globus-common-14.10-2.el6.x86\_64 4/19

 Installing : globus-gsi-openssl-error-2.1-10.el6.x86\_64 5/19

 Installing : globus-gsi-proxy-ssl-4.1-10.el6.x86\_64 6/19

 Installing : globus-openssl-module-3.3-2.el6.x86\_64 7/19

 Installing : globus-gsi-cert-utils-8.6-2.el6.x86\_64 8/19

 Installing : globus-gsi-sysconfig-5.3-8.el6.x86\_64 9/19

 Installing : unixODBC-2.2.14-11.el6.x86\_64 10/19

 Installing : globus-gsi-callback-4.6-2.el6.x86\_64 11/19

 Installing : globus-gsi-credential-6.0-2.el6.x86\_64 12/19

 Installing : globus-gsi-proxy-core-6.2-9.el6.x86\_64 13/19

 Installing : globus-gssapi-gsi-10.10-2.el6.x86\_64 14/19

 Installing : qcg-core-3.4.0-2.x86\_64 15/19

 Installing : libxslt-1.1.26-2.el6\_3.1.x86\_64 16/19

 Installing : postgresql-libs-8.4.20-1.el6\_5.x86\_64 17/19

 Installing : postgresql-odbc-08.04.0200-1.el6.x86\_64 18/19

 Installing : qcg-ntf-3.4.0-7.x86\_64 19/19

Run "/sbin/service qcg-ntfd start" to start qcg-ntfd service.

IMPORTANT: By default it is required to configure a database to utilize more sophisticated

notification capabilities. The simplest way to do this is to execute a script located in

/usr/share/qcg-ntf/tools/qcg-ntf-install.sh.

For more information see a documentation in /usr/share/qcg-ntf/doc directory.

 Verifying : postgresql-libs-8.4.20-1.el6\_5.x86\_64 1/19

 Verifying : unixODBC-2.2.14-11.el6.x86\_64 2/19

 Verifying : globus-gsi-credential-6.0-2.el6.x86\_64 3/19

 Verifying : globus-gsi-cert-utils-8.6-2.el6.x86\_64 4/19

 Verifying : globus-gsi-proxy-ssl-4.1-10.el6.x86\_64 5/19

 Verifying : globus-gssapi-gsi-10.10-2.el6.x86\_64 6/19

 Verifying : globus-gsi-proxy-core-6.2-9.el6.x86\_64 7/19

 Verifying : libtool-ltdl-2.2.6-15.5.el6.x86\_64 8/19

 Verifying : qcg-ntf-3.4.0-7.x86\_64 9/19

 Verifying : voms-2.0.11-1.el6.x86\_64 10/19

 Verifying : globus-gsi-callback-4.6-2.el6.x86\_64 11/19

 Verifying : qcg-libxml2-2.9.1-1.x86\_64 12/19

 Verifying : globus-common-14.10-2.el6.x86\_64 13/19

 Verifying : libxslt-1.1.26-2.el6\_3.1.x86\_64 14/19

 Verifying : globus-gsi-sysconfig-5.3-8.el6.x86\_64 15/19

 Verifying : globus-openssl-module-3.3-2.el6.x86\_64 16/19

 Verifying : postgresql-odbc-08.04.0200-1.el6.x86\_64 17/19

 Verifying : qcg-core-3.4.0-2.x86\_64 18/19

 Verifying : globus-gsi-openssl-error-2.1-10.el6.x86\_64 19/19

Installed:

 qcg-ntf.x86\_64 0:3.4.0-7

Dependency Installed:

 globus-common.x86\_64 0:14.10-2.el6 globus-gsi-callback.x86\_64 0:4.6-2.el6 globus-gsi-cert-utils.x86\_64 0:8.6-2.el6 globus-gsi-credential.x86\_64 0:6.0-2.el6 globus-gsi-openssl-error.x86\_64 0:2.1-10.el6

 globus-gsi-proxy-core.x86\_64 0:6.2-9.el6 globus-gsi-proxy-ssl.x86\_64 0:4.1-10.el6 globus-gsi-sysconfig.x86\_64 0:5.3-8.el6 globus-gssapi-gsi.x86\_64 0:10.10-2.el6 globus-openssl-module.x86\_64 0:3.3-2.el6

 libtool-ltdl.x86\_64 0:2.2.6-15.5.el6 libxslt.x86\_64 0:1.1.26-2.el6\_3.1 postgresql-libs.x86\_64 0:8.4.20-1.el6\_5 postgresql-odbc.x86\_64 0:08.04.0200-1.el6 qcg-core.x86\_64 0:3.4.0-2

 qcg-libxml2.x86\_64 0:2.9.1-1 unixODBC.x86\_64 0:2.2.14-11.el6 voms.x86\_64 0:2.0.11-1.el6

Complete!

[root@elder12 ~]# /usr/share/qcg-ntf/tools/qcg-ntf-install.sh

Welcome to qcg-ntf installation script!

This script will guide you through process of configuring proper environment

for running the QCG Notification service. You have to answer few questions regarding

parameters of your database. If you are not sure just press Enter and use the

default values.

Use local PostgreSQL server? (y/n) [y]:

Database [qcg-ntf]:

User [qcg-ntf]:

Password [AyaKDqUBGF3e3W+JjmOacYa3bNGKJ4tX]: \*\*\*\*\*

Create database? (y/n) [y]:

Create user? (y/n) [y]:

Checking for system user qcg-ntf...OK

Checking whether PostgreSQL server is installed...

PostgreSQL server is not installed. Install now? (y/n) [y]:

Installing PostgreSQL server...OK

Checking whether PostgreSQL server is running...

PostgreSQL server is not running. Start now? (y/n) [y]:

Starting PostgreSQL server...OK

Performing installation

 \* Creating user qcg-ntf...OK

 \* Creating database qcg-ntf...OK

 \* Creating database schema...OK

 \* Checking for ODBC data source qcg-ntf...

 \* Installing ODBC data source...OK

The newly established database settings must be reflected in the Database section of the QCG-Notification configuration file

(by default /etc/qcg/qcg-ntf/qcg-ntfd.xml)

Remember to add appropriate entry to /var/lib/pgsql/data/pg\_hba.conf (as the first rule!) to allow user qcg-ntf to

access database qcg-ntf. For instance:

host qcg-ntf qcg-ntf 127.0.0.1/32 md5

and reload Postgres server.

[root@elder12 ~]# vim /var/lib/pgsql/data/pg\_hba.conf

[root@elder12 ~]# /etc/init.d/postgresql restart

[root@elder12 ~]# vim /etc/qcg/qcg-ntf/qcg-ntfd.xml

**Basic Functionality Test (QC\_FUNC\_1)**

[root@elder12 ~]# /etc/init.d/qcg-ntfd start

Starting qcg-ntfd: [ OK ]

[root@elder12 ~]# tail /var/log/qcg/qcg-ntf/qcg-ntfd.log

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [...............] 'http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousetopics/House/Toilet/Light'

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [...............] 'http://schemas.qoscosgrid.org/comp/2011/04/notification/topic/ActivityState/TerminalState'

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [...............] 'http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousetopics/House/Kitchen/Cook'

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [...............] 'http://schemas.qoscosgrid.org/comp/2011/04/notification/topic/ActivityState/Suspended'

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [...............] 'http://schemas.qoscosgrid.org/broker/2012/01/notification-topics/QCGBroker/Job'

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [...............] PullPoints recovered from database

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [...............] Subscriptions recovered from database

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [...............] Publishers' Registrations recovered from database

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [...............] Notifications buffer objects recovered from database

INF Oct 16 11:19:07 29238 0x7f263fb697e0 [ntf-service-gso] Service Address: <http://elder12.man.poznan.pl:19001>

[root@elder12 ~]# yum install qcg-ntf-client

Loaded plugins: priorities, security

469 packages excluded due to repository priority protections

Setting up Install Process

Resolving Dependencies

--> Running transaction check

---> Package qcg-ntf-client.x86\_64 0:3.4.0-7 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

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

 Package Arch Version Repository Size

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

Installing:

 qcg-ntf-client x86\_64 3.4.0-7 QCG.qcg-ntf.sl6.x86\_64 423 k

Transaction Summary

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

Install 1 Package(s)

Total download size: 423 k

Installed size: 1.7 M

Is this ok [y/N]: y

Downloading Packages:

qcg-ntf-client-3.4.0-7.x86\_64.rpm | 423 kB 00:00

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

 Installing : qcg-ntf-client-3.4.0-7.x86\_64 1/1

 Verifying : qcg-ntf-client-3.4.0-7.x86\_64 1/1

Installed:

 qcg-ntf-client.x86\_64 0:3.4.0-7

Complete!

[root@elder12 ~]# qcg-ntf-client -u http://elder12.man.poznan.pl:19001 -S "cons=http://elder12.man.poznan.pl:2233 top=http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousetopics;//\*;Full period=3600 mc=boolean(//smnex:State[text()="on"]);smnex=http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousemessage"

Subscribe details:

 >>> provider: 'http://elder12.man.poznan.pl:19001'

 >>> consRef: 'http://elder12.man.poznan.pl:2233'

 >>> topicNamespace: 'http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousetopics'

 >>> topic: '//\*'

 >>> dialect: 'http://docs.oasis-open.org/wsn/t-1/TopicExpression/Full'

 >>> period: '3600'

 >>> MessageContent namespace: 'smnex=http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousemessage'

 >>> content: 'boolean(//smnex:State[text()=on])'

 >>> xslt: no

Subscribed, subRef: '1824300731'

[root@elder12 ~]# qcg-ntf-client -u http://elder12.man.poznan.pl:19001 -U "id=1824300731"

Unsubscribe details:

 >>> provider: 'http://elder12.man.poznan.pl:19001'

 >>> subRef: '1824300731'

Unsubscribed: '1824300731'

**Security**

[root@elder12 kieras]# openssl x509 -text -noout -in /etc/grid-security/hostcert.pem

Certificate:

 Data:

 Version: 3 (0x2)

 Serial Number: 1875583672860023920 (0x1a076969c7581c70)

 Signature Algorithm: sha256WithRSAEncryption

 Issuer: C=PL, O=GRID, CN=Polish Grid CA

 Validity

 Not Before: Oct 17 12:45:25 2014 GMT

 Not After : Nov 17 12:45:25 2015 GMT

 Subject: C=PL, O=GRID, O=PSNC, CN=elder12.man.poznan.pl

 Subject Public Key Info:

 Public Key Algorithm: rsaEncryption

 Public-Key: (4096 bit)

 Modulus:

 00:b4:56:e8:d3:f4:1d:f1:c9:58:de:c9:ac:08:07:

 1c:27:22:f6:0d:76:a8:b8:df:3a:b1:92:87:25:82:

 bd:a3:74:3e:11:19:14:4e:66:12:14:57:eb:79:2f:

 d8:b7:30:66:b0:28:fb:05:18:61:5b:fa:07:ff:83:

 80:4f:20:5a:a0:f5:44:e4:3f:a5:8e:71:f7:fc:62:

 9a:2e:e9:df:d7:7c:2c:6f:2e:4b:8e:c0:64:b9:f1:

 c1:ca:ef:e9:45:d7:c0:77:6f:2f:1f:d1:ad:20:62:

 4a:d8:6c:94:5d:7d:7b:e2:71:01:a9:d6:aa:aa:38:

 df:b7:ae:16:24:c8:69:03:7a:cb:dd:22:f5:da:25:

 45:3f:fc:3b:a9:34:47:a8:4f:72:51:76:63:5e:40:

 6f:91:d2:5b:18:e2:06:ff:ef:6f:09:55:24:40:90:

 39:c8:3b:87:29:29:4e:1c:9e:22:c5:5c:c9:be:ee:

 09:07:07:4a:81:62:25:a3:4f:e0:f8:a7:28:6b:22:

 58:d9:df:ef:c6:42:16:2d:ee:fb:69:b2:1a:8f:67:

 cd:db:01:0a:8b:c2:df:a9:f8:97:22:43:a1:ab:fb:

 d3:50:b0:53:8a:d9:2e:f9:5c:ae:88:32:32:a1:91:

 b5:53:92:f5:49:f0:ff:3d:19:a4:9c:02:5a:37:80:

 87:18:a0:84:1f:06:de:9b:14:ad:e9:f6:71:0f:4d:

 8a:ed:3b:e6:01:e9:ff:10:03:8d:0c:f2:75:e8:8b:

 6f:1d:5e:fb:e3:f2:bd:64:d3:9c:c8:4b:5e:f9:02:

 4b:fa:47:73:ad:e0:65:19:16:72:11:4f:b9:d6:6b:

 71:9b:5b:b2:a9:ef:d4:b4:8d:52:0d:6c:de:f5:01:

 10:24:a4:3d:16:80:75:d1:2b:2e:a7:0c:7d:67:65:

 42:c5:1d:9f:9a:33:a2:1c:99:15:12:01:ef:63:c8:

 e3:04:86:f2:af:ad:79:38:50:c3:56:86:fd:30:2f:

 aa:3e:72:72:55:c1:6c:b2:15:ba:32:3e:2d:72:0d:

 6a:c8:e2:50:d9:12:1f:9a:eb:f1:19:6b:3b:f3:d0:

 d6:e6:8f:54:26:ad:87:46:67:cd:b2:26:23:85:96:

 7f:56:be:41:e6:54:62:1c:0f:4a:4c:2e:a6:72:02:

 aa:67:47:a3:48:a3:57:9e:3f:b7:57:44:85:b1:ea:

 e9:b4:34:70:87:88:e7:6e:05:67:ce:9a:46:24:db:

 50:06:23:fd:57:4a:3e:61:66:e9:ef:10:42:0a:63:

 4a:d3:d0:66:6e:ec:cd:4b:1c:d3:3f:57:f9:33:b3:

 b5:17:0a:24:78:2d:8f:07:85:d6:98:18:f6:4d:f8:

 ba:0e:ef

 Exponent: 65537 (0x10001)

 X509v3 extensions:

 X509v3 Subject Key Identifier:

 88:6A:47:42:2F:EA:51:E4:EB:A0:5B:67:1C:BE:BE:48:04:4C:8C:91

 X509v3 Basic Constraints: critical

 CA:FALSE

 X509v3 Authority Key Identifier:

 keyid:3C:2A:A1:84:45:6E:6F:94:F6:47:62:48:01:C1:B7:83:8F:CD:10:3D

 X509v3 Certificate Policies:

 Policy: 1.2.840.113612.5.2.2.1

 Policy: 1.3.6.1.4.1.2698.1.5.1.0.6

 CPS: http://www.man.poznan.pl/plgrid-ca/ca-policy.html

 X509v3 CRL Distribution Points:

 Full Name:

 URI:http://www.man.poznan.pl/plgrid-ca/crl.der

 X509v3 Key Usage:

 Digital Signature, Key Encipherment, Data Encipherment

 X509v3 Extended Key Usage:

 TLS Web Server Authentication, TLS Web Client Authentication

 X509v3 Subject Alternative Name:

 DNS:elder12.man.poznan.pl

 Signature Algorithm: sha256WithRSAEncryption

 91:47:4a:2e:52:4c:74:0c:1b:d8:b6:66:6e:b1:a1:9e:cb:69:

 b8:73:d5:14:37:ea:9e:45:e1:7e:b2:ba:d5:a7:3f:83:cc:fc:

 e7:6b:7e:68:1f:b5:f8:14:d9:0b:10:fa:f8:0e:8a:7c:43:08:

 49:cf:0f:a1:d4:70:51:5f:c8:41:ca:d5:2a:89:3d:a7:c7:97:

 36:28:19:79:b4:d1:d0:0a:1c:be:72:5c:34:59:76:03:2f:46:

 98:97:51:ed:59:ac:cc:37:38:fa:01:fd:52:b2:78:87:04:5d:

 e6:c6:ac:45:76:08:4d:77:5b:11:88:26:a2:50:24:f2:65:3a:

 7a:c8:4e:51:a8:ce:c5:fa:17:74:b1:8f:4b:7f:04:48:37:c6:

 59:8f:7f:d8:aa:93:48:93:05:0a:c0:cb:8c:17:bf:40:a3:18:

 37:cf:a8:19:80:a7:e5:a8:ad:c1:66:85:87:28:bf:62:fc:85:

 00:01:76:74:28:df:72:43:73:43:04:eb:a5:eb:29:71:a8:2b:

 e1:ec:83:fc:fd:74:7c:6b:16:d5:0a:37:fc:c9:39:fd:e6:56:

 aa:fb:45:c0:23:e8:48:03:20:55:5e:94:89:d3:52:56:1b:e7:

 f1:c6:05:62:bf:b5:b5:bc:85:9c:86:15:22:7b:2f:7c:93:45:

 c9:ff:fa:89

[root@elder12 kieras]# yum install ca-policy-egi-core

Loaded plugins: priorities, security

492 packages excluded due to repository priority protections

Setting up Install Process

Resolving Dependencies

--> Running transaction check

---> Package ca-policy-egi-core.noarch 0:1.61-1 will be installed

--> Processing Dependency: ca\_SlovakGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NAREGI = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_InCommon-IGTF-Server-CA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_KISTI-2007 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_REUNA-ca = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_AEGIS = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_EG-GRID = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_LACGridCA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_AustrianGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_SDG = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CNRS2-Grid-FR = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_DigiCertAssuredIDRootCA-Root = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UTNAAAClient = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UNLPGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_ASGCCA-2007 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_RDIG = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_BG-ACAD-CA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_BrGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_MARGI = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NCHC = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CESNET-CA-Root = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UKeScienceCA-2B = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CALG = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_COMODO-RSA-CA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UNAMgrid-ca = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_seegrid-ca-2013 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_MaGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_BEGrid2008 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NICS-MyProxy = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_BalticGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NIIF = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NERSC-SLCS = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_DigiCertGridCA-1G2-Classic = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_ArmeSFo = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_AAACertificateServices = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_SRCE = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_MD-Grid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_TERENAeSciencePersonalCA2 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UKeScienceRoot-2007 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_MREN-CA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_PK-Grid-2007 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_DigiCertGridTrustCAG2-Classic = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_ULAGrid-CA-2008 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_BYGCA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CyGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_DFN-SLCS = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_PSC-Myproxy-CA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_SiGNET-CA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NCSA-mics = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CERN-Root = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NCSA-tfca-2013 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NorduGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_GridCanada = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_IHEP-2013 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CERN-Root-2 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_RomanianGRID = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_IRAN-GRID = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_pkIRISGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UKeScienceCA-2A = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_KEK = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NCSA-slcs = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CERN-GridCA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_DigiCertGridTrustCA-Classic = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_HKU = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CERN-TCA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_GermanGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_ANSPGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CNIC = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_TRGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UniandesCA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_HellasGrid-Root = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_FNAL-SLCS = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_AddTrust-External-CA-Root = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UTN-USERFirst-Hardware = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_DigiCertGridRootCA-Root = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_TERENA-eScience-SSL-CA-2 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CESNET-CA-3 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_QuoVadis-Root-CA1 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_LIPCA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_MYIFAM = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UTN-USERTrust-RSA-CA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_HIAST = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_cilogon-silver = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NIKHEF = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CNRS2-Projets = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_HPCI = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_DZeScience = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_PolishGrid = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_TERENAeSciencePersonalCA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_QuoVadis-Grid-ICA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_TERENA-eScience-SSL-CA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_CNRS2 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_DigiCertGridCA-1-Classic = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_UGRID = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_DFN-GridGermany-Root = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_TSU-GE = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NCSA-slcs-2013 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_IGCA = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_INFN-CA-2006 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_HellasGrid-CA-2006 = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Processing Dependency: ca\_NECTEC = 1.61 for package: ca-policy-egi-core-1.61-1.noarch

--> Running transaction check

---> Package ca\_AAACertificateServices.noarch 0:1.61-1 will be installed

---> Package ca\_AEGIS.noarch 0:1.61-1 will be installed

---> Package ca\_ANSPGrid.noarch 0:1.61-1 will be installed

---> Package ca\_ASGCCA-2007.noarch 0:1.61-1 will be installed

---> Package ca\_AddTrust-External-CA-Root.noarch 0:1.61-1 will be installed

---> Package ca\_ArmeSFo.noarch 0:1.61-1 will be installed

---> Package ca\_AustrianGrid.noarch 0:1.61-1 will be installed

---> Package ca\_BEGrid2008.noarch 0:1.61-1 will be installed

---> Package ca\_BG-ACAD-CA.noarch 0:1.61-1 will be installed

---> Package ca\_BYGCA.noarch 0:1.61-1 will be installed

---> Package ca\_BalticGrid.noarch 0:1.61-1 will be installed

---> Package ca\_BrGrid.noarch 0:1.61-1 will be installed

---> Package ca\_CALG.noarch 0:1.61-1 will be installed

---> Package ca\_CERN-GridCA.noarch 0:1.61-1 will be installed

---> Package ca\_CERN-Root.noarch 0:1.61-1 will be installed

---> Package ca\_CERN-Root-2.noarch 0:1.61-1 will be installed

---> Package ca\_CERN-TCA.noarch 0:1.61-1 will be installed

---> Package ca\_CESNET-CA-3.noarch 0:1.61-1 will be installed

---> Package ca\_CESNET-CA-Root.noarch 0:1.61-1 will be installed

---> Package ca\_CNIC.noarch 0:1.61-1 will be installed

---> Package ca\_CNRS2.noarch 0:1.61-1 will be installed

---> Package ca\_CNRS2-Grid-FR.noarch 0:1.61-1 will be installed

---> Package ca\_CNRS2-Projets.noarch 0:1.61-1 will be installed

---> Package ca\_COMODO-RSA-CA.noarch 0:1.61-1 will be installed

---> Package ca\_CyGrid.noarch 0:1.61-1 will be installed

---> Package ca\_DFN-GridGermany-Root.noarch 0:1.61-1 will be installed

---> Package ca\_DFN-SLCS.noarch 0:1.61-1 will be installed

---> Package ca\_DZeScience.noarch 0:1.61-1 will be installed

---> Package ca\_DigiCertAssuredIDRootCA-Root.noarch 0:1.61-1 will be installed

---> Package ca\_DigiCertGridCA-1-Classic.noarch 0:1.61-1 will be installed

---> Package ca\_DigiCertGridCA-1G2-Classic.noarch 0:1.61-1 will be installed

---> Package ca\_DigiCertGridRootCA-Root.noarch 0:1.61-1 will be installed

---> Package ca\_DigiCertGridTrustCA-Classic.noarch 0:1.61-1 will be installed

---> Package ca\_DigiCertGridTrustCAG2-Classic.noarch 0:1.61-1 will be installed

---> Package ca\_EG-GRID.noarch 0:1.61-1 will be installed

---> Package ca\_FNAL-SLCS.noarch 0:1.61-1 will be installed

---> Package ca\_GermanGrid.noarch 0:1.61-1 will be installed

---> Package ca\_GridCanada.noarch 0:1.61-1 will be installed

---> Package ca\_HIAST.noarch 0:1.61-1 will be installed

---> Package ca\_HKU.noarch 0:1.61-1 will be installed

---> Package ca\_HPCI.noarch 0:1.61-1 will be installed

---> Package ca\_HellasGrid-CA-2006.noarch 0:1.61-1 will be installed

---> Package ca\_HellasGrid-Root.noarch 0:1.61-1 will be installed

---> Package ca\_IGCA.noarch 0:1.61-1 will be installed

---> Package ca\_IHEP-2013.noarch 0:1.61-1 will be installed

---> Package ca\_INFN-CA-2006.noarch 0:1.61-1 will be installed

---> Package ca\_IRAN-GRID.noarch 0:1.61-1 will be installed

---> Package ca\_InCommon-IGTF-Server-CA.noarch 0:1.61-1 will be installed

---> Package ca\_KEK.noarch 0:1.61-1 will be installed

---> Package ca\_KISTI-2007.noarch 0:1.61-1 will be installed

---> Package ca\_LACGridCA.noarch 0:1.61-1 will be installed

---> Package ca\_LIPCA.noarch 0:1.61-1 will be installed

---> Package ca\_MARGI.noarch 0:1.61-1 will be installed

---> Package ca\_MD-Grid.noarch 0:1.61-1 will be installed

---> Package ca\_MREN-CA.noarch 0:1.61-1 will be installed

---> Package ca\_MYIFAM.noarch 0:1.61-1 will be installed

---> Package ca\_MaGrid.noarch 0:1.61-1 will be installed

---> Package ca\_NAREGI.noarch 0:1.61-1 will be installed

---> Package ca\_NCHC.noarch 0:1.61-1 will be installed

---> Package ca\_NCSA-mics.noarch 0:1.61-1 will be installed

---> Package ca\_NCSA-slcs.noarch 0:1.61-1 will be installed

---> Package ca\_NCSA-slcs-2013.noarch 0:1.61-1 will be installed

---> Package ca\_NCSA-tfca-2013.noarch 0:1.61-1 will be installed

---> Package ca\_NECTEC.noarch 0:1.61-1 will be installed

---> Package ca\_NERSC-SLCS.noarch 0:1.61-1 will be installed

---> Package ca\_NICS-MyProxy.noarch 0:1.61-1 will be installed

---> Package ca\_NIIF.noarch 0:1.61-1 will be installed

---> Package ca\_NIKHEF.noarch 0:1.61-1 will be installed

---> Package ca\_NorduGrid.noarch 0:1.61-1 will be installed

---> Package ca\_PK-Grid-2007.noarch 0:1.61-1 will be installed

---> Package ca\_PSC-Myproxy-CA.noarch 0:1.61-1 will be installed

---> Package ca\_PolishGrid.noarch 0:1.61-1 will be installed

---> Package ca\_QuoVadis-Grid-ICA.noarch 0:1.61-1 will be installed

---> Package ca\_QuoVadis-Root-CA1.noarch 0:1.61-1 will be installed

---> Package ca\_RDIG.noarch 0:1.61-1 will be installed

---> Package ca\_REUNA-ca.noarch 0:1.61-1 will be installed

---> Package ca\_RomanianGRID.noarch 0:1.61-1 will be installed

---> Package ca\_SDG.noarch 0:1.61-1 will be installed

---> Package ca\_SRCE.noarch 0:1.61-1 will be installed

---> Package ca\_SiGNET-CA.noarch 0:1.61-1 will be installed

---> Package ca\_SlovakGrid.noarch 0:1.61-1 will be installed

---> Package ca\_TERENA-eScience-SSL-CA.noarch 0:1.61-1 will be installed

---> Package ca\_TERENA-eScience-SSL-CA-2.noarch 0:1.61-1 will be installed

---> Package ca\_TERENAeSciencePersonalCA.noarch 0:1.61-1 will be installed

---> Package ca\_TERENAeSciencePersonalCA2.noarch 0:1.61-1 will be installed

---> Package ca\_TRGrid.noarch 0:1.61-1 will be installed

---> Package ca\_TSU-GE.noarch 0:1.61-1 will be installed

---> Package ca\_UGRID.noarch 0:1.61-1 will be installed

---> Package ca\_UKeScienceCA-2A.noarch 0:1.61-1 will be installed

---> Package ca\_UKeScienceCA-2B.noarch 0:1.61-1 will be installed

---> Package ca\_UKeScienceRoot-2007.noarch 0:1.61-1 will be installed

---> Package ca\_ULAGrid-CA-2008.noarch 0:1.61-1 will be installed

---> Package ca\_UNAMgrid-ca.noarch 0:1.61-1 will be installed

---> Package ca\_UNLPGrid.noarch 0:1.61-1 will be installed

---> Package ca\_UTN-USERFirst-Hardware.noarch 0:1.61-1 will be installed

---> Package ca\_UTN-USERTrust-RSA-CA.noarch 0:1.61-1 will be installed

---> Package ca\_UTNAAAClient.noarch 0:1.61-1 will be installed

---> Package ca\_UniandesCA.noarch 0:1.61-1 will be installed

---> Package ca\_cilogon-silver.noarch 0:1.61-1 will be installed

---> Package ca\_pkIRISGrid.noarch 0:1.61-1 will be installed

---> Package ca\_seegrid-ca-2013.noarch 0:1.61-1 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

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

 Package Arch Version Repository Size

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

Installing:

 ca-policy-egi-core noarch 1.61-1 EGI-trustanchors 5.8 k

Installing for dependencies:

 ca\_AAACertificateServices noarch 1.61-1 EGI-trustanchors 5.7 k

 ca\_AEGIS noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_ANSPGrid noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_ASGCCA-2007 noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_AddTrust-External-CA-Root noarch 1.61-1 EGI-trustanchors 6.0 k

 ca\_ArmeSFo noarch 1.61-1 EGI-trustanchors 5.0 k

 ca\_AustrianGrid noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_BEGrid2008 noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_BG-ACAD-CA noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_BYGCA noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_BalticGrid noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_BrGrid noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_CALG noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_CERN-GridCA noarch 1.61-1 EGI-trustanchors 6.0 k

 ca\_CERN-Root noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_CERN-Root-2 noarch 1.61-1 EGI-trustanchors 5.9 k

 ca\_CERN-TCA noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_CESNET-CA-3 noarch 1.61-1 EGI-trustanchors 4.8 k

 ca\_CESNET-CA-Root noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_CNIC noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_CNRS2 noarch 1.61-1 EGI-trustanchors 5.0 k

 ca\_CNRS2-Grid-FR noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_CNRS2-Projets noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_COMODO-RSA-CA noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_CyGrid noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_DFN-GridGermany-Root noarch 1.61-1 EGI-trustanchors 5.4 k

 ca\_DFN-SLCS noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_DZeScience noarch 1.61-1 EGI-trustanchors 7.1 k

 ca\_DigiCertAssuredIDRootCA-Root noarch 1.61-1 EGI-trustanchors 5.4 k

 ca\_DigiCertGridCA-1-Classic noarch 1.61-1 EGI-trustanchors 5.7 k

 ca\_DigiCertGridCA-1G2-Classic noarch 1.61-1 EGI-trustanchors 5.7 k

 ca\_DigiCertGridRootCA-Root noarch 1.61-1 EGI-trustanchors 5.4 k

 ca\_DigiCertGridTrustCA-Classic noarch 1.61-1 EGI-trustanchors 6.0 k

 ca\_DigiCertGridTrustCAG2-Classic noarch 1.61-1 EGI-trustanchors 5.8 k

 ca\_EG-GRID noarch 1.61-1 EGI-trustanchors 6.8 k

 ca\_FNAL-SLCS noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_GermanGrid noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_GridCanada noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_HIAST noarch 1.61-1 EGI-trustanchors 6.7 k

 ca\_HKU noarch 1.61-1 EGI-trustanchors 5.0 k

 ca\_HPCI noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_HellasGrid-CA-2006 noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_HellasGrid-Root noarch 1.61-1 EGI-trustanchors 5.4 k

 ca\_IGCA noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_IHEP-2013 noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_INFN-CA-2006 noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_IRAN-GRID noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_InCommon-IGTF-Server-CA noarch 1.61-1 EGI-trustanchors 5.4 k

 ca\_KEK noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_KISTI-2007 noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_LACGridCA noarch 1.61-1 EGI-trustanchors 5.4 k

 ca\_LIPCA noarch 1.61-1 EGI-trustanchors 5.0 k

 ca\_MARGI noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_MD-Grid noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_MREN-CA noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_MYIFAM noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_MaGrid noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_NAREGI noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_NCHC noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_NCSA-mics noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_NCSA-slcs noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_NCSA-slcs-2013 noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_NCSA-tfca-2013 noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_NECTEC noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_NERSC-SLCS noarch 1.61-1 EGI-trustanchors 5.7 k

 ca\_NICS-MyProxy noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_NIIF noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_NIKHEF noarch 1.61-1 EGI-trustanchors 5.4 k

 ca\_NorduGrid noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_PK-Grid-2007 noarch 1.61-1 EGI-trustanchors 5.7 k

 ca\_PSC-Myproxy-CA noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_PolishGrid noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_QuoVadis-Grid-ICA noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_QuoVadis-Root-CA1 noarch 1.61-1 EGI-trustanchors 5.7 k

 ca\_RDIG noarch 1.61-1 EGI-trustanchors 5.6 k

 ca\_REUNA-ca noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_RomanianGRID noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_SDG noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_SRCE noarch 1.61-1 EGI-trustanchors 4.9 k

 ca\_SiGNET-CA noarch 1.61-1 EGI-trustanchors 5.4 k

 ca\_SlovakGrid noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_TERENA-eScience-SSL-CA noarch 1.61-1 EGI-trustanchors 5.7 k

 ca\_TERENA-eScience-SSL-CA-2 noarch 1.61-1 EGI-trustanchors 5.6 k

 ca\_TERENAeSciencePersonalCA noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_TERENAeSciencePersonalCA2 noarch 1.61-1 EGI-trustanchors 5.6 k

 ca\_TRGrid noarch 1.61-1 EGI-trustanchors 5.2 k

 ca\_TSU-GE noarch 1.61-1 EGI-trustanchors 5.7 k

 ca\_UGRID noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_UKeScienceCA-2A noarch 1.61-1 EGI-trustanchors 4.9 k

 ca\_UKeScienceCA-2B noarch 1.61-1 EGI-trustanchors 4.9 k

 ca\_UKeScienceRoot-2007 noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_ULAGrid-CA-2008 noarch 1.61-1 EGI-trustanchors 5.4 k

 ca\_UNAMgrid-ca noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_UNLPGrid noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_UTN-USERFirst-Hardware noarch 1.61-1 EGI-trustanchors 5.7 k

 ca\_UTN-USERTrust-RSA-CA noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_UTNAAAClient noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_UniandesCA noarch 1.61-1 EGI-trustanchors 5.3 k

 ca\_cilogon-silver noarch 1.61-1 EGI-trustanchors 5.1 k

 ca\_pkIRISGrid noarch 1.61-1 EGI-trustanchors 5.5 k

 ca\_seegrid-ca-2013 noarch 1.61-1 EGI-trustanchors 5.2 k

Transaction Summary

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

Install 102 Package(s)

Total download size: 550 k

Installed size: 284 k

Is this ok [y/N]: y

Downloading Packages:

(1/102): ca-policy-egi-core-1.61-1.noarch.rpm | 5.8 kB 00:00

(2/102): ca\_AAACertificateServices-1.61-1.noarch.rpm | 5.7 kB 00:00

(3/102): ca\_AEGIS-1.61-1.noarch.rpm | 5.3 kB 00:00

(4/102): ca\_ANSPGrid-1.61-1.noarch.rpm | 5.5 kB 00:00

(5/102): ca\_ASGCCA-2007-1.61-1.noarch.rpm | 5.3 kB 00:00

(6/102): ca\_AddTrust-External-CA-Root-1.61-1.noarch.rpm | 6.0 kB 00:00

(7/102): ca\_ArmeSFo-1.61-1.noarch.rpm | 5.0 kB 00:00

(8/102): ca\_AustrianGrid-1.61-1.noarch.rpm | 5.3 kB 00:00

(9/102): ca\_BEGrid2008-1.61-1.noarch.rpm | 5.1 kB 00:00

(10/102): ca\_BG-ACAD-CA-1.61-1.noarch.rpm | 5.2 kB 00:00

(11/102): ca\_BYGCA-1.61-1.noarch.rpm | 5.2 kB 00:00

(12/102): ca\_BalticGrid-1.61-1.noarch.rpm | 5.3 kB 00:00

(13/102): ca\_BrGrid-1.61-1.noarch.rpm | 5.5 kB 00:00

(14/102): ca\_CALG-1.61-1.noarch.rpm | 5.3 kB 00:00

(15/102): ca\_CERN-GridCA-1.61-1.noarch.rpm | 6.0 kB 00:00

(16/102): ca\_CERN-Root-1.61-1.noarch.rpm | 5.2 kB 00:00

(17/102): ca\_CERN-Root-2-1.61-1.noarch.rpm | 5.9 kB 00:00

(18/102): ca\_CERN-TCA-1.61-1.noarch.rpm | 5.2 kB 00:00

(19/102): ca\_CESNET-CA-3-1.61-1.noarch.rpm | 4.8 kB 00:00

(20/102): ca\_CESNET-CA-Root-1.61-1.noarch.rpm | 5.2 kB 00:00

(21/102): ca\_CNIC-1.61-1.noarch.rpm | 5.3 kB 00:00

(22/102): ca\_CNRS2-1.61-1.noarch.rpm | 5.0 kB 00:00

(23/102): ca\_CNRS2-Grid-FR-1.61-1.noarch.rpm | 5.3 kB 00:00

(24/102): ca\_CNRS2-Projets-1.61-1.noarch.rpm | 5.3 kB 00:00

(25/102): ca\_COMODO-RSA-CA-1.61-1.noarch.rpm | 5.3 kB 00:00

(26/102): ca\_CyGrid-1.61-1.noarch.rpm | 5.1 kB 00:00

(27/102): ca\_DFN-GridGermany-Root-1.61-1.noarch.rpm | 5.4 kB 00:00

(28/102): ca\_DFN-SLCS-1.61-1.noarch.rpm | 5.1 kB 00:00

(29/102): ca\_DZeScience-1.61-1.noarch.rpm | 7.1 kB 00:00

(30/102): ca\_DigiCertAssuredIDRootCA-Root-1.61-1.noarch.rpm | 5.4 kB 00:00

(31/102): ca\_DigiCertGridCA-1-Classic-1.61-1.noarch.rpm | 5.7 kB 00:00

(32/102): ca\_DigiCertGridCA-1G2-Classic-1.61-1.noarch.rpm | 5.7 kB 00:00

(33/102): ca\_DigiCertGridRootCA-Root-1.61-1.noarch.rpm | 5.4 kB 00:00

(34/102): ca\_DigiCertGridTrustCA-Classic-1.61-1.noarch.rpm | 6.0 kB 00:00

(35/102): ca\_DigiCertGridTrustCAG2-Classic-1.61-1.noarch.rpm | 5.8 kB 00:00

(36/102): ca\_EG-GRID-1.61-1.noarch.rpm | 6.8 kB 00:00

(37/102): ca\_FNAL-SLCS-1.61-1.noarch.rpm | 5.3 kB 00:00

(38/102): ca\_GermanGrid-1.61-1.noarch.rpm | 5.3 kB 00:00

(39/102): ca\_GridCanada-1.61-1.noarch.rpm | 5.3 kB 00:00

(40/102): ca\_HIAST-1.61-1.noarch.rpm | 6.7 kB 00:00

(41/102): ca\_HKU-1.61-1.noarch.rpm | 5.0 kB 00:00

(42/102): ca\_HPCI-1.61-1.noarch.rpm | 5.5 kB 00:00

(43/102): ca\_HellasGrid-CA-2006-1.61-1.noarch.rpm | 5.1 kB 00:00

(44/102): ca\_HellasGrid-Root-1.61-1.noarch.rpm | 5.4 kB 00:00

(45/102): ca\_IGCA-1.61-1.noarch.rpm | 5.1 kB 00:00

(46/102): ca\_IHEP-2013-1.61-1.noarch.rpm | 5.2 kB 00:00

(47/102): ca\_INFN-CA-2006-1.61-1.noarch.rpm | 5.1 kB 00:00

(48/102): ca\_IRAN-GRID-1.61-1.noarch.rpm | 5.2 kB 00:00

(49/102): ca\_InCommon-IGTF-Server-CA-1.61-1.noarch.rpm | 5.4 kB 00:00

(50/102): ca\_KEK-1.61-1.noarch.rpm | 5.5 kB 00:00

(51/102): ca\_KISTI-2007-1.61-1.noarch.rpm | 5.2 kB 00:00

(52/102): ca\_LACGridCA-1.61-1.noarch.rpm | 5.4 kB 00:00

(53/102): ca\_LIPCA-1.61-1.noarch.rpm | 5.0 kB 00:00

(54/102): ca\_MARGI-1.61-1.noarch.rpm | 5.1 kB 00:00

(55/102): ca\_MD-Grid-1.61-1.noarch.rpm | 5.5 kB 00:00

(56/102): ca\_MREN-CA-1.61-1.noarch.rpm | 5.1 kB 00:00

(57/102): ca\_MYIFAM-1.61-1.noarch.rpm | 5.3 kB 00:00

(58/102): ca\_MaGrid-1.61-1.noarch.rpm | 5.3 kB 00:00

(59/102): ca\_NAREGI-1.61-1.noarch.rpm | 5.5 kB 00:00

(60/102): ca\_NCHC-1.61-1.noarch.rpm | 5.1 kB 00:00

(61/102): ca\_NCSA-mics-1.61-1.noarch.rpm | 5.3 kB 00:00

(62/102): ca\_NCSA-slcs-1.61-1.noarch.rpm | 5.3 kB 00:00

(63/102): ca\_NCSA-slcs-2013-1.61-1.noarch.rpm | 5.3 kB 00:00

(64/102): ca\_NCSA-tfca-2013-1.61-1.noarch.rpm | 5.3 kB 00:00

(65/102): ca\_NECTEC-1.61-1.noarch.rpm | 5.5 kB 00:00

(66/102): ca\_NERSC-SLCS-1.61-1.noarch.rpm | 5.7 kB 00:00

(67/102): ca\_NICS-MyProxy-1.61-1.noarch.rpm | 5.3 kB 00:00

(68/102): ca\_NIIF-1.61-1.noarch.rpm | 5.2 kB 00:00

(69/102): ca\_NIKHEF-1.61-1.noarch.rpm | 5.4 kB 00:00

(70/102): ca\_NorduGrid-1.61-1.noarch.rpm | 5.1 kB 00:00

(71/102): ca\_PK-Grid-2007-1.61-1.noarch.rpm | 5.7 kB 00:00

(72/102): ca\_PSC-Myproxy-CA-1.61-1.noarch.rpm | 5.3 kB 00:00

(73/102): ca\_PolishGrid-1.61-1.noarch.rpm | 5.2 kB 00:00

(74/102): ca\_QuoVadis-Grid-ICA-1.61-1.noarch.rpm | 5.2 kB 00:00

(75/102): ca\_QuoVadis-Root-CA1-1.61-1.noarch.rpm | 5.7 kB 00:00

(76/102): ca\_RDIG-1.61-1.noarch.rpm | 5.6 kB 00:00

(77/102): ca\_REUNA-ca-1.61-1.noarch.rpm | 5.3 kB 00:00

(78/102): ca\_RomanianGRID-1.61-1.noarch.rpm | 5.3 kB 00:00

(79/102): ca\_SDG-1.61-1.noarch.rpm | 5.3 kB 00:00

(80/102): ca\_SRCE-1.61-1.noarch.rpm | 4.9 kB 00:00

(81/102): ca\_SiGNET-CA-1.61-1.noarch.rpm | 5.4 kB 00:00

(82/102): ca\_SlovakGrid-1.61-1.noarch.rpm | 5.3 kB 00:00

(83/102): ca\_TERENA-eScience-SSL-CA-1.61-1.noarch.rpm | 5.7 kB 00:00

(84/102): ca\_TERENA-eScience-SSL-CA-2-1.61-1.noarch.rpm | 5.6 kB 00:00

(85/102): ca\_TERENAeSciencePersonalCA-1.61-1.noarch.rpm | 5.2 kB 00:00

(86/102): ca\_TERENAeSciencePersonalCA2-1.61-1.noarch.rpm | 5.6 kB 00:00

(87/102): ca\_TRGrid-1.61-1.noarch.rpm | 5.2 kB 00:00

(88/102): ca\_TSU-GE-1.61-1.noarch.rpm | 5.7 kB 00:00

(89/102): ca\_UGRID-1.61-1.noarch.rpm | 5.1 kB 00:00

(90/102): ca\_UKeScienceCA-2A-1.61-1.noarch.rpm | 4.9 kB 00:00

(91/102): ca\_UKeScienceCA-2B-1.61-1.noarch.rpm | 4.9 kB 00:00

(92/102): ca\_UKeScienceRoot-2007-1.61-1.noarch.rpm | 5.5 kB 00:00

(93/102): ca\_ULAGrid-CA-2008-1.61-1.noarch.rpm | 5.4 kB 00:00

(94/102): ca\_UNAMgrid-ca-1.61-1.noarch.rpm | 5.5 kB 00:00

(95/102): ca\_UNLPGrid-1.61-1.noarch.rpm | 5.3 kB 00:00

(96/102): ca\_UTN-USERFirst-Hardware-1.61-1.noarch.rpm | 5.7 kB 00:00

(97/102): ca\_UTN-USERTrust-RSA-CA-1.61-1.noarch.rpm | 5.5 kB 00:00

(98/102): ca\_UTNAAAClient-1.61-1.noarch.rpm | 5.1 kB 00:00

(99/102): ca\_UniandesCA-1.61-1.noarch.rpm | 5.3 kB 00:00

(100/102): ca\_cilogon-silver-1.61-1.noarch.rpm | 5.1 kB 00:00

(101/102): ca\_pkIRISGrid-1.61-1.noarch.rpm | 5.5 kB 00:00

(102/102): ca\_seegrid-ca-2013-1.61-1.noarch.rpm | 5.2 kB 00:00

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

Total 31 kB/s | 550 kB 00:17

ostrzeżenie: rpmts\_HdrFromFdno: Nagłówek V3 DSA/SHA1 Signature, identyfikator klucza 3cdbbc71: NOKEY

Retrieving key from http://repository.egi.eu/sw/production/cas/1/GPG-KEY-EUGridPMA-RPM-3

Importing GPG key 0x3CDBBC71:

 Userid: "EUGridPMA Distribution Signing Key 3 <info@eugridpma.org>"

 From : http://repository.egi.eu/sw/production/cas/1/GPG-KEY-EUGridPMA-RPM-3

Is this ok [y/N]: y

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

 Installing : ca\_AddTrust-External-CA-Root-1.61-1.noarch 1/102

 Installing : ca\_UTN-USERTrust-RSA-CA-1.61-1.noarch 2/102

 Installing : ca\_DigiCertGridRootCA-Root-1.61-1.noarch 3/102

 Installing : ca\_DigiCertAssuredIDRootCA-Root-1.61-1.noarch 4/102

 Installing : ca\_UKeScienceRoot-2007-1.61-1.noarch 5/102

 Installing : ca\_UTN-USERFirst-Hardware-1.61-1.noarch 6/102

 Installing : ca\_COMODO-RSA-CA-1.61-1.noarch 7/102

 Installing : ca\_CERN-Root-1.61-1.noarch 8/102

 Installing : ca\_CESNET-CA-Root-1.61-1.noarch 9/102

 Installing : ca\_CNRS2-1.61-1.noarch 10/102

 Installing : ca\_CNRS2-Projets-1.61-1.noarch 11/102

 Installing : ca\_HellasGrid-Root-1.61-1.noarch 12/102

 Installing : ca\_QuoVadis-Root-CA1-1.61-1.noarch 13/102

 Installing : ca\_AAACertificateServices-1.61-1.noarch 14/102

 Installing : ca\_UTNAAAClient-1.61-1.noarch 15/102

 Installing : ca\_TERENAeSciencePersonalCA-1.61-1.noarch 16/102

 Installing : ca\_QuoVadis-Grid-ICA-1.61-1.noarch 17/102

 Installing : ca\_HellasGrid-CA-2006-1.61-1.noarch 18/102

 Installing : ca\_CNRS2-Grid-FR-1.61-1.noarch 19/102

 Installing : ca\_CESNET-CA-3-1.61-1.noarch 20/102

 Installing : ca\_CERN-TCA-1.61-1.noarch 21/102

 Installing : ca\_InCommon-IGTF-Server-CA-1.61-1.noarch 22/102

 Installing : ca\_TERENA-eScience-SSL-CA-1.61-1.noarch 23/102

 Installing : ca\_UKeScienceCA-2B-1.61-1.noarch 24/102

 Installing : ca\_UKeScienceCA-2A-1.61-1.noarch 25/102

 Installing : ca\_DigiCertGridTrustCA-Classic-1.61-1.noarch 26/102

 Installing : ca\_DigiCertGridTrustCAG2-Classic-1.61-1.noarch 27/102

 Installing : ca\_DigiCertGridCA-1-Classic-1.61-1.noarch 28/102

 Installing : ca\_DigiCertGridCA-1G2-Classic-1.61-1.noarch 29/102

 Installing : ca\_TERENAeSciencePersonalCA2-1.61-1.noarch 30/102

 Installing : ca\_TERENA-eScience-SSL-CA-2-1.61-1.noarch 31/102

 Installing : ca\_ULAGrid-CA-2008-1.61-1.noarch 32/102

 Installing : ca\_CNIC-1.61-1.noarch 33/102

 Installing : ca\_UNLPGrid-1.61-1.noarch 34/102

 Installing : ca\_ASGCCA-2007-1.61-1.noarch 35/102

 Installing : ca\_DFN-SLCS-1.61-1.noarch 36/102

 Installing : ca\_KISTI-2007-1.61-1.noarch 37/102

 Installing : ca\_HIAST-1.61-1.noarch 38/102

 Installing : ca\_SDG-1.61-1.noarch 39/102

 Installing : ca\_TRGrid-1.61-1.noarch 40/102

 Installing : ca\_NorduGrid-1.61-1.noarch 41/102

 Installing : ca\_DZeScience-1.61-1.noarch 42/102

 Installing : ca\_KEK-1.61-1.noarch 43/102

 Installing : ca\_CERN-Root-2-1.61-1.noarch 44/102

 Installing : ca\_SlovakGrid-1.61-1.noarch 45/102

 Installing : ca\_NICS-MyProxy-1.61-1.noarch 46/102

 Installing : ca\_ANSPGrid-1.61-1.noarch 47/102

 Installing : ca\_CERN-GridCA-1.61-1.noarch 48/102

 Installing : ca\_CALG-1.61-1.noarch 49/102

 Installing : ca\_BalticGrid-1.61-1.noarch 50/102

 Installing : ca\_GermanGrid-1.61-1.noarch 51/102

 Installing : ca\_BEGrid2008-1.61-1.noarch 52/102

 Installing : ca\_UGRID-1.61-1.noarch 53/102

 Installing : ca\_EG-GRID-1.61-1.noarch 54/102

 Installing : ca\_CyGrid-1.61-1.noarch 55/102

 Installing : ca\_LACGridCA-1.61-1.noarch 56/102

 Installing : ca\_FNAL-SLCS-1.61-1.noarch 57/102

 Installing : ca\_NCHC-1.61-1.noarch 58/102

 Installing : ca\_HPCI-1.61-1.noarch 59/102

 Installing : ca\_INFN-CA-2006-1.61-1.noarch 60/102

 Installing : ca\_AustrianGrid-1.61-1.noarch 61/102

 Installing : ca\_MaGrid-1.61-1.noarch 62/102

 Installing : ca\_MD-Grid-1.61-1.noarch 63/102

 Installing : ca\_IRAN-GRID-1.61-1.noarch 64/102

 Installing : ca\_SRCE-1.61-1.noarch 65/102

 Installing : ca\_NAREGI-1.61-1.noarch 66/102

 Installing : ca\_RDIG-1.61-1.noarch 67/102

 Installing : ca\_NCSA-tfca-2013-1.61-1.noarch 68/102

 Installing : ca\_BrGrid-1.61-1.noarch 69/102

 Installing : ca\_AEGIS-1.61-1.noarch 70/102

 Installing : ca\_MREN-CA-1.61-1.noarch 71/102

 Installing : ca\_MYIFAM-1.61-1.noarch 72/102

 Installing : ca\_GridCanada-1.61-1.noarch 73/102

 Installing : ca\_cilogon-silver-1.61-1.noarch 74/102

 Installing : ca\_REUNA-ca-1.61-1.noarch 75/102

 Installing : ca\_NCSA-slcs-1.61-1.noarch 76/102

 Installing : ca\_NIKHEF-1.61-1.noarch 77/102

 Installing : ca\_SiGNET-CA-1.61-1.noarch 78/102

 Installing : ca\_TSU-GE-1.61-1.noarch 79/102

 Installing : ca\_BYGCA-1.61-1.noarch 80/102

 Installing : ca\_PSC-Myproxy-CA-1.61-1.noarch 81/102

 Installing : ca\_ArmeSFo-1.61-1.noarch 82/102

 Installing : ca\_MARGI-1.61-1.noarch 83/102

 Installing : ca\_NCSA-slcs-2013-1.61-1.noarch 84/102

 Installing : ca\_NCSA-mics-1.61-1.noarch 85/102

 Installing : ca\_pkIRISGrid-1.61-1.noarch 86/102

 Installing : ca\_HKU-1.61-1.noarch 87/102

 Installing : ca\_PK-Grid-2007-1.61-1.noarch 88/102

 Installing : ca\_IGCA-1.61-1.noarch 89/102

 Installing : ca\_NECTEC-1.61-1.noarch 90/102

 Installing : ca\_UNAMgrid-ca-1.61-1.noarch 91/102

 Installing : ca\_DFN-GridGermany-Root-1.61-1.noarch 92/102

 Installing : ca\_NIIF-1.61-1.noarch 93/102

 Installing : ca\_UniandesCA-1.61-1.noarch 94/102

 Installing : ca\_BG-ACAD-CA-1.61-1.noarch 95/102

 Installing : ca\_RomanianGRID-1.61-1.noarch 96/102

 Installing : ca\_LIPCA-1.61-1.noarch 97/102

 Installing : ca\_NERSC-SLCS-1.61-1.noarch 98/102

 Installing : ca\_PolishGrid-1.61-1.noarch 99/102

 Installing : ca\_IHEP-2013-1.61-1.noarch 100/102

 Installing : ca\_seegrid-ca-2013-1.61-1.noarch 101/102

 Installing : ca-policy-egi-core-1.61-1.noarch 102/102

 Verifying : ca\_seegrid-ca-2013-1.61-1.noarch 1/102

 Verifying : ca\_IHEP-2013-1.61-1.noarch 2/102

 Verifying : ca\_PolishGrid-1.61-1.noarch 3/102

 Verifying : ca\_NERSC-SLCS-1.61-1.noarch 4/102

 Verifying : ca\_AAACertificateServices-1.61-1.noarch 5/102

 Verifying : ca\_LIPCA-1.61-1.noarch 6/102

 Verifying : ca\_DigiCertGridCA-1-Classic-1.61-1.noarch 7/102

 Verifying : ca\_RomanianGRID-1.61-1.noarch 8/102

 Verifying : ca\_BG-ACAD-CA-1.61-1.noarch 9/102

 Verifying : ca\_UniandesCA-1.61-1.noarch 10/102

 Verifying : ca\_UTN-USERFirst-Hardware-1.61-1.noarch 11/102

 Verifying : ca\_NIIF-1.61-1.noarch 12/102

 Verifying : ca\_UTN-USERTrust-RSA-CA-1.61-1.noarch 13/102

 Verifying : ca\_DFN-GridGermany-Root-1.61-1.noarch 14/102

 Verifying : ca\_UNAMgrid-ca-1.61-1.noarch 15/102

 Verifying : ca\_NECTEC-1.61-1.noarch 16/102

 Verifying : ca\_IGCA-1.61-1.noarch 17/102

 Verifying : ca\_PK-Grid-2007-1.61-1.noarch 18/102

 Verifying : ca\_HKU-1.61-1.noarch 19/102

 Verifying : ca\_TERENAeSciencePersonalCA-1.61-1.noarch 20/102

 Verifying : ca\_pkIRISGrid-1.61-1.noarch 21/102

 Verifying : ca\_NCSA-mics-1.61-1.noarch 22/102

 Verifying : ca\_NCSA-slcs-2013-1.61-1.noarch 23/102

 Verifying : ca\_MARGI-1.61-1.noarch 24/102

 Verifying : ca\_ArmeSFo-1.61-1.noarch 25/102

 Verifying : ca\_DigiCertGridTrustCA-Classic-1.61-1.noarch 26/102

 Verifying : ca\_PSC-Myproxy-CA-1.61-1.noarch 27/102

 Verifying : ca\_QuoVadis-Grid-ICA-1.61-1.noarch 28/102

 Verifying : ca\_BYGCA-1.61-1.noarch 29/102

 Verifying : ca\_QuoVadis-Root-CA1-1.61-1.noarch 30/102

 Verifying : ca\_HellasGrid-Root-1.61-1.noarch 31/102

 Verifying : ca\_TSU-GE-1.61-1.noarch 32/102

 Verifying : ca\_CNRS2-Projets-1.61-1.noarch 33/102

 Verifying : ca\_SiGNET-CA-1.61-1.noarch 34/102

 Verifying : ca\_NIKHEF-1.61-1.noarch 35/102

 Verifying : ca\_NCSA-slcs-1.61-1.noarch 36/102

 Verifying : ca\_REUNA-ca-1.61-1.noarch 37/102

 Verifying : ca\_cilogon-silver-1.61-1.noarch 38/102

 Verifying : ca\_GridCanada-1.61-1.noarch 39/102

 Verifying : ca\_CNRS2-1.61-1.noarch 40/102

 Verifying : ca\_CNRS2-Grid-FR-1.61-1.noarch 41/102

 Verifying : ca\_MYIFAM-1.61-1.noarch 42/102

 Verifying : ca\_TERENA-eScience-SSL-CA-1.61-1.noarch 43/102

 Verifying : ca\_AddTrust-External-CA-Root-1.61-1.noarch 44/102

 Verifying : ca\_MREN-CA-1.61-1.noarch 45/102

 Verifying : ca\_CESNET-CA-Root-1.61-1.noarch 46/102

 Verifying : ca\_UKeScienceRoot-2007-1.61-1.noarch 47/102

 Verifying : ca\_AEGIS-1.61-1.noarch 48/102

 Verifying : ca\_BrGrid-1.61-1.noarch 49/102

 Verifying : ca\_NCSA-tfca-2013-1.61-1.noarch 50/102

 Verifying : ca\_TERENAeSciencePersonalCA2-1.61-1.noarch 51/102

 Verifying : ca\_RDIG-1.61-1.noarch 52/102

 Verifying : ca\_NAREGI-1.61-1.noarch 53/102

 Verifying : ca\_COMODO-RSA-CA-1.61-1.noarch 54/102

 Verifying : ca\_SRCE-1.61-1.noarch 55/102

 Verifying : ca\_UTNAAAClient-1.61-1.noarch 56/102

 Verifying : ca\_CESNET-CA-3-1.61-1.noarch 57/102

 Verifying : ca\_IRAN-GRID-1.61-1.noarch 58/102

 Verifying : ca\_MD-Grid-1.61-1.noarch 59/102

 Verifying : ca\_MaGrid-1.61-1.noarch 60/102

 Verifying : ca\_AustrianGrid-1.61-1.noarch 61/102

 Verifying : ca\_HellasGrid-CA-2006-1.61-1.noarch 62/102

 Verifying : ca\_INFN-CA-2006-1.61-1.noarch 63/102

 Verifying : ca-policy-egi-core-1.61-1.noarch 64/102

 Verifying : ca\_HPCI-1.61-1.noarch 65/102

 Verifying : ca\_CERN-TCA-1.61-1.noarch 66/102

 Verifying : ca\_NCHC-1.61-1.noarch 67/102

 Verifying : ca\_InCommon-IGTF-Server-CA-1.61-1.noarch 68/102

 Verifying : ca\_FNAL-SLCS-1.61-1.noarch 69/102

 Verifying : ca\_DigiCertGridCA-1G2-Classic-1.61-1.noarch 70/102

 Verifying : ca\_LACGridCA-1.61-1.noarch 71/102

 Verifying : ca\_CERN-Root-1.61-1.noarch 72/102

 Verifying : ca\_TERENA-eScience-SSL-CA-2-1.61-1.noarch 73/102

 Verifying : ca\_DigiCertGridTrustCAG2-Classic-1.61-1.noarch 74/102

 Verifying : ca\_DigiCertAssuredIDRootCA-Root-1.61-1.noarch 75/102

 Verifying : ca\_CyGrid-1.61-1.noarch 76/102

 Verifying : ca\_EG-GRID-1.61-1.noarch 77/102

 Verifying : ca\_UGRID-1.61-1.noarch 78/102

 Verifying : ca\_DigiCertGridRootCA-Root-1.61-1.noarch 79/102

 Verifying : ca\_BEGrid2008-1.61-1.noarch 80/102

 Verifying : ca\_GermanGrid-1.61-1.noarch 81/102

 Verifying : ca\_BalticGrid-1.61-1.noarch 82/102

 Verifying : ca\_CALG-1.61-1.noarch 83/102

 Verifying : ca\_CERN-GridCA-1.61-1.noarch 84/102

 Verifying : ca\_ANSPGrid-1.61-1.noarch 85/102

 Verifying : ca\_NICS-MyProxy-1.61-1.noarch 86/102

 Verifying : ca\_SlovakGrid-1.61-1.noarch 87/102

 Verifying : ca\_UKeScienceCA-2B-1.61-1.noarch 88/102

 Verifying : ca\_CERN-Root-2-1.61-1.noarch 89/102

 Verifying : ca\_KEK-1.61-1.noarch 90/102

 Verifying : ca\_DZeScience-1.61-1.noarch 91/102

 Verifying : ca\_UKeScienceCA-2A-1.61-1.noarch 92/102

 Verifying : ca\_NorduGrid-1.61-1.noarch 93/102

 Verifying : ca\_TRGrid-1.61-1.noarch 94/102

 Verifying : ca\_SDG-1.61-1.noarch 95/102

 Verifying : ca\_HIAST-1.61-1.noarch 96/102

 Verifying : ca\_KISTI-2007-1.61-1.noarch 97/102

 Verifying : ca\_DFN-SLCS-1.61-1.noarch 98/102

 Verifying : ca\_ASGCCA-2007-1.61-1.noarch 99/102

 Verifying : ca\_UNLPGrid-1.61-1.noarch 100/102

 Verifying : ca\_CNIC-1.61-1.noarch 101/102

 Verifying : ca\_ULAGrid-CA-2008-1.61-1.noarch 102/102

Installed:

 ca-policy-egi-core.noarch 0:1.61-1

Dependency Installed:

 ca\_AAACertificateServices.noarch 0:1.61-1 ca\_AEGIS.noarch 0:1.61-1 ca\_ANSPGrid.noarch 0:1.61-1 ca\_ASGCCA-2007.noarch 0:1.61-1

 ca\_AddTrust-External-CA-Root.noarch 0:1.61-1 ca\_ArmeSFo.noarch 0:1.61-1 ca\_AustrianGrid.noarch 0:1.61-1 ca\_BEGrid2008.noarch 0:1.61-1

 ca\_BG-ACAD-CA.noarch 0:1.61-1 ca\_BYGCA.noarch 0:1.61-1 ca\_BalticGrid.noarch 0:1.61-1 ca\_BrGrid.noarch 0:1.61-1

 ca\_CALG.noarch 0:1.61-1 ca\_CERN-GridCA.noarch 0:1.61-1 ca\_CERN-Root.noarch 0:1.61-1 ca\_CERN-Root-2.noarch 0:1.61-1

 ca\_CERN-TCA.noarch 0:1.61-1 ca\_CESNET-CA-3.noarch 0:1.61-1 ca\_CESNET-CA-Root.noarch 0:1.61-1 ca\_CNIC.noarch 0:1.61-1

 ca\_CNRS2.noarch 0:1.61-1 ca\_CNRS2-Grid-FR.noarch 0:1.61-1 ca\_CNRS2-Projets.noarch 0:1.61-1 ca\_COMODO-RSA-CA.noarch 0:1.61-1

 ca\_CyGrid.noarch 0:1.61-1 ca\_DFN-GridGermany-Root.noarch 0:1.61-1 ca\_DFN-SLCS.noarch 0:1.61-1 ca\_DZeScience.noarch 0:1.61-1

 ca\_DigiCertAssuredIDRootCA-Root.noarch 0:1.61-1 ca\_DigiCertGridCA-1-Classic.noarch 0:1.61-1 ca\_DigiCertGridCA-1G2-Classic.noarch 0:1.61-1 ca\_DigiCertGridRootCA-Root.noarch 0:1.61-1

 ca\_DigiCertGridTrustCA-Classic.noarch 0:1.61-1 ca\_DigiCertGridTrustCAG2-Classic.noarch 0:1.61-1 ca\_EG-GRID.noarch 0:1.61-1 ca\_FNAL-SLCS.noarch 0:1.61-1

 ca\_GermanGrid.noarch 0:1.61-1 ca\_GridCanada.noarch 0:1.61-1 ca\_HIAST.noarch 0:1.61-1 ca\_HKU.noarch 0:1.61-1

 ca\_HPCI.noarch 0:1.61-1 ca\_HellasGrid-CA-2006.noarch 0:1.61-1 ca\_HellasGrid-Root.noarch 0:1.61-1 ca\_IGCA.noarch 0:1.61-1

 ca\_IHEP-2013.noarch 0:1.61-1 ca\_INFN-CA-2006.noarch 0:1.61-1 ca\_IRAN-GRID.noarch 0:1.61-1 ca\_InCommon-IGTF-Server-CA.noarch 0:1.61-1

 ca\_KEK.noarch 0:1.61-1 ca\_KISTI-2007.noarch 0:1.61-1 ca\_LACGridCA.noarch 0:1.61-1 ca\_LIPCA.noarch 0:1.61-1

 ca\_MARGI.noarch 0:1.61-1 ca\_MD-Grid.noarch 0:1.61-1 ca\_MREN-CA.noarch 0:1.61-1 ca\_MYIFAM.noarch 0:1.61-1

 ca\_MaGrid.noarch 0:1.61-1 ca\_NAREGI.noarch 0:1.61-1 ca\_NCHC.noarch 0:1.61-1 ca\_NCSA-mics.noarch 0:1.61-1

 ca\_NCSA-slcs.noarch 0:1.61-1 ca\_NCSA-slcs-2013.noarch 0:1.61-1 ca\_NCSA-tfca-2013.noarch 0:1.61-1 ca\_NECTEC.noarch 0:1.61-1

 ca\_NERSC-SLCS.noarch 0:1.61-1 ca\_NICS-MyProxy.noarch 0:1.61-1 ca\_NIIF.noarch 0:1.61-1 ca\_NIKHEF.noarch 0:1.61-1

 ca\_NorduGrid.noarch 0:1.61-1 ca\_PK-Grid-2007.noarch 0:1.61-1 ca\_PSC-Myproxy-CA.noarch 0:1.61-1 ca\_PolishGrid.noarch 0:1.61-1

 ca\_QuoVadis-Grid-ICA.noarch 0:1.61-1 ca\_QuoVadis-Root-CA1.noarch 0:1.61-1 ca\_RDIG.noarch 0:1.61-1 ca\_REUNA-ca.noarch 0:1.61-1

 ca\_RomanianGRID.noarch 0:1.61-1 ca\_SDG.noarch 0:1.61-1 ca\_SRCE.noarch 0:1.61-1 ca\_SiGNET-CA.noarch 0:1.61-1

 ca\_SlovakGrid.noarch 0:1.61-1 ca\_TERENA-eScience-SSL-CA.noarch 0:1.61-1 ca\_TERENA-eScience-SSL-CA-2.noarch 0:1.61-1 ca\_TERENAeSciencePersonalCA.noarch 0:1.61-1

 ca\_TERENAeSciencePersonalCA2.noarch 0:1.61-1 ca\_TRGrid.noarch 0:1.61-1 ca\_TSU-GE.noarch 0:1.61-1 ca\_UGRID.noarch 0:1.61-1

 ca\_UKeScienceCA-2A.noarch 0:1.61-1 ca\_UKeScienceCA-2B.noarch 0:1.61-1 ca\_UKeScienceRoot-2007.noarch 0:1.61-1 ca\_ULAGrid-CA-2008.noarch 0:1.61-1

 ca\_UNAMgrid-ca.noarch 0:1.61-1 ca\_UNLPGrid.noarch 0:1.61-1 ca\_UTN-USERFirst-Hardware.noarch 0:1.61-1 ca\_UTN-USERTrust-RSA-CA.noarch 0:1.61-1

 ca\_UTNAAAClient.noarch 0:1.61-1 ca\_UniandesCA.noarch 0:1.61-1 ca\_cilogon-silver.noarch 0:1.61-1 ca\_pkIRISGrid.noarch 0:1.61-1

 ca\_seegrid-ca-2013.noarch 0:1.61-1

Complete!

[root@elder12 kieras]# yum install fetch-crl

Loaded plugins: priorities, security

492 packages excluded due to repository priority protections

Setting up Install Process

Resolving Dependencies

--> Running transaction check

---> Package fetch-crl.noarch 0:3.0.11-1.el6 will be installed

--> Processing Dependency: perl(LWP) for package: fetch-crl-3.0.11-1.el6.noarch

--> Running transaction check

---> Package perl-libwww-perl.noarch 0:5.833-2.el6 will be installed

--> Processing Dependency: perl-HTML-Parser >= 3.33 for package: perl-libwww-perl-5.833-2.el6.noarch

--> Processing Dependency: mailcap for package: perl-libwww-perl-5.833-2.el6.noarch

--> Processing Dependency: perl(URI::Heuristic) for package: perl-libwww-perl-5.833-2.el6.noarch

--> Processing Dependency: perl(URI::URL) for package: perl-libwww-perl-5.833-2.el6.noarch

--> Processing Dependency: perl(URI) for package: perl-libwww-perl-5.833-2.el6.noarch

--> Processing Dependency: perl(HTML::Entities) for package: perl-libwww-perl-5.833-2.el6.noarch

--> Processing Dependency: perl(Compress::Zlib) for package: perl-libwww-perl-5.833-2.el6.noarch

--> Running transaction check

---> Package mailcap.noarch 0:2.1.31-2.el6 will be installed

---> Package perl-Compress-Zlib.x86\_64 0:2.020-130.el6\_4 will be installed

--> Processing Dependency: perl(IO::Uncompress::Gunzip) >= 2.020 for package: perl-Compress-Zlib-2.020-130.el6\_4.x86\_64

--> Processing Dependency: perl(IO::Compress::Gzip::Constants) >= 2.020 for package: perl-Compress-Zlib-2.020-130.el6\_4.x86\_64

--> Processing Dependency: perl(IO::Compress::Gzip) >= 2.020 for package: perl-Compress-Zlib-2.020-130.el6\_4.x86\_64

--> Processing Dependency: perl(IO::Compress::Base::Common) >= 2.020 for package: perl-Compress-Zlib-2.020-130.el6\_4.x86\_64

--> Processing Dependency: perl(Compress::Raw::Zlib) >= 2.020 for package: perl-Compress-Zlib-2.020-130.el6\_4.x86\_64

---> Package perl-HTML-Parser.x86\_64 0:3.64-2.el6 will be installed

--> Processing Dependency: perl(HTML::Tagset) >= 3.03 for package: perl-HTML-Parser-3.64-2.el6.x86\_64

--> Processing Dependency: perl(HTML::Tagset) for package: perl-HTML-Parser-3.64-2.el6.x86\_64

---> Package perl-URI.noarch 0:1.40-2.el6 will be installed

--> Running transaction check

---> Package perl-Compress-Raw-Zlib.x86\_64 1:2.020-130.el6\_4 will be installed

---> Package perl-HTML-Tagset.noarch 0:3.20-4.el6 will be installed

---> Package perl-IO-Compress-Base.x86\_64 0:2.020-130.el6\_4 will be installed

---> Package perl-IO-Compress-Zlib.x86\_64 0:2.020-130.el6\_4 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

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

 Package Arch Version Repository Size

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

Installing:

 fetch-crl noarch 3.0.11-1.el6 UMD-3-updates 49 k

Installing for dependencies:

 mailcap noarch 2.1.31-2.el6 sl 26 k

 perl-Compress-Raw-Zlib x86\_64 1:2.020-130.el6\_4 sl-security 67 k

 perl-Compress-Zlib x86\_64 2.020-130.el6\_4 sl-security 43 k

 perl-HTML-Parser x86\_64 3.64-2.el6 sl 108 k

 perl-HTML-Tagset noarch 3.20-4.el6 sl 15 k

 perl-IO-Compress-Base x86\_64 2.020-130.el6\_4 sl-security 67 k

 perl-IO-Compress-Zlib x86\_64 2.020-130.el6\_4 sl-security 133 k

 perl-URI noarch 1.40-2.el6 sl 116 k

 perl-libwww-perl noarch 5.833-2.el6 sl 386 k

Transaction Summary

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

Install 10 Package(s)

Total download size: 1.0 M

Installed size: 2.2 M

Is this ok [y/N]: y

Downloading Packages:

(1/10): fetch-crl-3.0.11-1.el6.noarch.rpm | 49 kB 00:00

(2/10): mailcap-2.1.31-2.el6.noarch.rpm | 26 kB 00:00

(3/10): perl-Compress-Raw-Zlib-2.020-130.el6\_4.x86\_64.rpm | 67 kB 00:00

(4/10): perl-Compress-Zlib-2.020-130.el6\_4.x86\_64.rpm | 43 kB 00:00

(5/10): perl-HTML-Parser-3.64-2.el6.x86\_64.rpm | 108 kB 00:00

(6/10): perl-HTML-Tagset-3.20-4.el6.noarch.rpm | 15 kB 00:00

(7/10): perl-IO-Compress-Base-2.020-130.el6\_4.x86\_64.rpm | 67 kB 00:00

(8/10): perl-IO-Compress-Zlib-2.020-130.el6\_4.x86\_64.rpm | 133 kB 00:00

(9/10): perl-URI-1.40-2.el6.noarch.rpm | 116 kB 00:00

(10/10): perl-libwww-perl-5.833-2.el6.noarch.rpm | 386 kB 00:01

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

Total 130 kB/s | 1.0 MB 00:07

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

 Installing : 1:perl-Compress-Raw-Zlib-2.020-130.el6\_4.x86\_64 1/10

 Installing : perl-IO-Compress-Base-2.020-130.el6\_4.x86\_64 2/10

 Installing : perl-IO-Compress-Zlib-2.020-130.el6\_4.x86\_64 3/10

 Installing : perl-Compress-Zlib-2.020-130.el6\_4.x86\_64 4/10

 Installing : mailcap-2.1.31-2.el6.noarch 5/10

 Installing : perl-URI-1.40-2.el6.noarch 6/10

 Installing : perl-HTML-Tagset-3.20-4.el6.noarch 7/10

 Installing : perl-HTML-Parser-3.64-2.el6.x86\_64 8/10

 Installing : perl-libwww-perl-5.833-2.el6.noarch 9/10

 Installing : fetch-crl-3.0.11-1.el6.noarch 10/10

 Verifying : fetch-crl-3.0.11-1.el6.noarch 1/10

 Verifying : perl-IO-Compress-Zlib-2.020-130.el6\_4.x86\_64 2/10

 Verifying : perl-libwww-perl-5.833-2.el6.noarch 3/10

 Verifying : perl-HTML-Tagset-3.20-4.el6.noarch 4/10

 Verifying : perl-IO-Compress-Base-2.020-130.el6\_4.x86\_64 5/10

 Verifying : perl-URI-1.40-2.el6.noarch 6/10

 Verifying : mailcap-2.1.31-2.el6.noarch 7/10

 Verifying : perl-Compress-Zlib-2.020-130.el6\_4.x86\_64 8/10

 Verifying : 1:perl-Compress-Raw-Zlib-2.020-130.el6\_4.x86\_64 9/10

 Verifying : perl-HTML-Parser-3.64-2.el6.x86\_64 10/10

Installed:

 fetch-crl.noarch 0:3.0.11-1.el6

Dependency Installed:

 mailcap.noarch 0:2.1.31-2.el6 perl-Compress-Raw-Zlib.x86\_64 1:2.020-130.el6\_4 perl-Compress-Zlib.x86\_64 0:2.020-130.el6\_4 perl-HTML-Parser.x86\_64 0:3.64-2.el6

 perl-HTML-Tagset.noarch 0:3.20-4.el6 perl-IO-Compress-Base.x86\_64 0:2.020-130.el6\_4 perl-IO-Compress-Zlib.x86\_64 0:2.020-130.el6\_4 perl-URI.noarch 0:1.40-2.el6

 perl-libwww-perl.noarch 0:5.833-2.el6

Complete!

[root@elder12 kieras]# /etc/init.d/fetch-crl-cron start

Enabling periodic fetch-crl: [ OK ]

[root@elder12 kieras]# chkconfig fetch-crl-cron on

[root@elder12 kieras]# /usr/sbin/fetch-crl

[root@elder12 kieras]# chown qcg-ntf:root /etc/grid-security/host\*.pem

[root@elder12 kieras]# chmod 600 /etc/grid-security/hostcert.pem

[root@elder12 kieras]# chmod 600 /etc/grid-security/hostkey.pem

[root@elder12 kieras]# /etc/init.d/qcg-ntfd restart

Shutting down qcg-ntfd: [ OK ]

Starting qcg-ntfd: [ OK ]

[root@elder12 kieras]# ls -l /var/log/qcg/qcg-ntf/qcg-ntfd.log

-rw-r-----. 1 qcg-ntf qcg-dev 49526 01-09 11:15 /var/log/qcg/qcg-ntf/qcg-ntfd.log

[root@elder12 kieras]# tail /var/log/qcg/qcg-ntf/qcg-ntfd.log

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [...............] 'http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousetopics/House/Toilet/Light'

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [...............] 'http://schemas.qoscosgrid.org/comp/2011/04/notification/topic/ActivityState/TerminalState'

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [...............] 'http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousetopics/House/Kitchen/Cook'

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [...............] 'http://schemas.qoscosgrid.org/comp/2011/04/notification/topic/ActivityState/Suspended'

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [...............] 'http://schemas.qoscosgrid.org/broker/2012/01/notification-topics/QCGBroker/Job'

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [...............] PullPoints recovered from database

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [...............] Subscriptions recovered from database

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [...............] Publishers' Registrations recovered from database

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [...............] Notifications buffer objects recovered from database

INF Jan 09 11:15:18 14960 0x7f5bb9e987e0 [ntf-service-gso] Service Address: httpg://elder12.man.poznan.pl:19001

[root@elder12 kieras]# yum install globus-proxy-utils

Loaded plugins: priorities, security

492 packages excluded due to repository priority protections

Setting up Install Process

Resolving Dependencies

--> Running transaction check

---> Package globus-proxy-utils.x86\_64 0:5.2-1.el6 will be installed

--> Processing Dependency: globus-gss-assist(x86-64) >= 8 for package: globus-proxy-utils-5.2-1.el6.x86\_64

--> Processing Dependency: libglobus\_gss\_assist.so.3()(64bit) for package: globus-proxy-utils-5.2-1.el6.x86\_64

--> Running transaction check

---> Package globus-gss-assist.x86\_64 0:9.0-1.el6 will be installed

--> Processing Dependency: globus-callout(x86-64) >= 2 for package: globus-gss-assist-9.0-1.el6.x86\_64

--> Processing Dependency: libglobus\_callout.so.0()(64bit) for package: globus-gss-assist-9.0-1.el6.x86\_64

--> Running transaction check

---> Package globus-callout.x86\_64 0:2.4-2.el6 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

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

 Package Arch Version Repository Size

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

Installing:

 globus-proxy-utils x86\_64 5.2-1.el6 UMD-3-updates 42 k

Installing for dependencies:

 globus-callout x86\_64 2.4-2.el6 UMD-3-updates 19 k

 globus-gss-assist x86\_64 9.0-1.el6 UMD-3-updates 33 k

Transaction Summary

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

Install 3 Package(s)

Total download size: 94 k

Installed size: 199 k

Is this ok [y/N]: y

Downloading Packages:

(1/3): globus-callout-2.4-2.el6.x86\_64.rpm | 19 kB 00:00

(2/3): globus-gss-assist-9.0-1.el6.x86\_64.rpm | 33 kB 00:00

(3/3): globus-proxy-utils-5.2-1.el6.x86\_64.rpm | 42 kB 00:00

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

Total 56 kB/s | 94 kB 00:01

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

 Installing : globus-callout-2.4-2.el6.x86\_64 1/3

 Installing : globus-gss-assist-9.0-1.el6.x86\_64 2/3

 Installing : globus-proxy-utils-5.2-1.el6.x86\_64 3/3

 Verifying : globus-gss-assist-9.0-1.el6.x86\_64 1/3

 Verifying : globus-callout-2.4-2.el6.x86\_64 2/3

 Verifying : globus-proxy-utils-5.2-1.el6.x86\_64 3/3

Installed:

 globus-proxy-utils.x86\_64 0:5.2-1.el6

Dependency Installed:

 globus-callout.x86\_64 0:2.4-2.el6 globus-gss-assist.x86\_64 0:9.0-1.el6

Complete!

[kieras@elder12 kieras]$ openssl x509 -in .globus/usercert.pem -text

Certificate:

 Data:

 Version: 3 (0x2)

 Serial Number: 2847370489031771320 (0x2783e45faeab44b8)

 Signature Algorithm: sha256WithRSAEncryption

 Issuer: C=PL, O=GRID, CN=Polish Grid CA

 Validity

 Not Before: Oct 6 12:29:01 2014 GMT

 Not After : Nov 4 12:29:01 2015 GMT

 Subject: C=PL, O=GRID, O=PSNC, CN=Bartosz Bosak

 Subject Public Key Info:

 Public Key Algorithm: rsaEncryption

 Public-Key: (2048 bit)

 Modulus:

 00:ef:ed:52:0f:59:76:c4:67:fb:58:ce:4c:df:0a:

 2b:19:68:a3:15:0a:3c:ba:f4:59:d2:e0:f6:2c:cc:

 37:d3:88:4a:25:e2:65:78:5b:4a:21:d8:f2:e1:3f:

 f0:35:b6:8d:a7:7b:f2:95:c9:6d:ac:65:17:2b:86:

 76:1f:76:fa:f1:9e:34:b0:42:d5:af:83:0b:d7:dc:

 7b:58:0d:f5:50:e2:a3:d4:d2:ac:12:7a:0c:db:d1:

 cc:d7:dc:d1:d3:1c:01:b2:1c:f0:af:8a:30:85:15:

 b0:fe:90:62:5b:d7:98:68:2a:5c:9d:bb:7a:16:10:

 b8:8f:63:0f:ed:74:6f:4c:e6:46:ed:ef:d5:0b:27:

 c0:1a:1f:dd:ca:72:ad:ea:f3:f8:a4:51:bf:6d:c5:

 7a:89:63:a1:d3:b9:ba:32:f1:5f:9e:d4:77:c6:31:

 49:bc:93:f0:ad:01:b1:88:5f:8a:39:79:ff:36:25:

 f1:42:d5:55:62:f2:91:98:34:4f:00:6d:15:97:f7:

 da:a6:2c:18:22:f3:42:c4:21:b7:78:b9:95:9b:47:

 bc:c2:74:76:ec:a2:ec:3a:0e:04:81:09:df:d3:6d:

 f3:40:a7:2d:47:da:a7:5c:99:71:49:e3:b9:6b:3e:

 82:32:75:30:97:3c:ef:08:b4:c1:59:c2:89:ad:10:

 8b:71

 Exponent: 65537 (0x10001)

 X509v3 extensions:

 X509v3 Subject Key Identifier:

 6F:8C:36:B1:6B:57:F1:1C:34:C5:C0:98:1C:E2:3E:08:EE:C8:FD:42

 X509v3 Basic Constraints: critical

 CA:FALSE

 X509v3 Authority Key Identifier:

 keyid:3C:2A:A1:84:45:6E:6F:94:F6:47:62:48:01:C1:B7:83:8F:CD:10:3D

 X509v3 Certificate Policies:

 Policy: 1.2.840.113612.5.2.2.1

 Policy: 1.3.6.1.4.1.2698.1.5.1.0.6

 CPS: http://www.man.poznan.pl/plgrid-ca/ca-policy.html

 X509v3 CRL Distribution Points:

 Full Name:

 URI:http://www.man.poznan.pl/plgrid-ca/crl.der

 X509v3 Key Usage:

 Digital Signature, Key Encipherment, Data Encipherment

 X509v3 Extended Key Usage:

 TLS Web Client Authentication, E-mail Protection

 Signature Algorithm: sha256WithRSAEncryption

 5c:14:21:6c:01:6e:f1:17:5f:1b:21:b9:d3:aa:5c:e3:4a:5d:

 2d:a1:a2:26:44:a1:b1:c8:a3:3b:b9:6e:1a:7d:67:bc:50:b7:

 b3:21:d9:f7:8a:4a:fe:0f:70:0b:ac:70:d4:cf:ac:9b:b5:cb:

 ec:46:9e:01:ae:0e:a0:b3:df:92:d7:a2:11:2a:12:6a:ae:7c:

 82:4b:19:62:81:48:cb:74:2e:1d:44:19:99:96:03:be:79:e5:

 4f:e3:d5:70:3d:20:27:6a:2f:c1:b6:ff:f6:f7:61:27:4b:3c:

 eb:36:f1:d8:28:a2:83:7b:06:6a:a6:34:f9:2e:b8:df:9d:2d:

 bd:10:99:75:7f:d0:07:9b:ac:d8:93:2a:58:31:6b:0b:1a:3b:

 04:5d:c5:30:12:99:d1:33:65:b4:bb:cb:ae:73:28:d2:b4:c4:

 c6:56:d9:4e:83:ee:f2:82:ce:fd:80:9c:1a:ce:64:0f:e6:76:

 a1:1e:61:2a:ab:c0:2e:9f:c8:3f:6c:a8:6e:6f:dd:c6:e6:04:

 8a:31:03:6a:25:94:f0:cf:2f:94:5d:5e:e5:1a:dc:c1:89:60:

 44:59:20:f4:88:a1:25:97:cb:3f:6f:74:bd:06:59:c1:00:0c:

 80:d1:54:45:98:7f:d5:07:42:f9:d5:f7:64:97:c5:67:cf:15:

 fb:bc:1a:d6

-----BEGIN CERTIFICATE-----

MIIEITCCAwmgAwIBAgIIJ4PkX66rRLgwDQYJKoZIhvcNAQELBQAwNTELMAkGA1UE

BhMCUEwxDTALBgNVBAoTBEdSSUQxFzAVBgNVBAMTDlBvbGlzaCBHcmlkIENBMB4X

DTE0MTAwNjEyMjkwMVoXDTE1MTEwNDEyMjkwMVowQzELMAkGA1UEBhMCUEwxDTAL

BgNVBAoTBEdSSUQxDTALBgNVBAoTBFBTTkMxFjAUBgNVBAMTDUJhcnRvc3ogQm9z

YWswggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDv7VIPWXbEZ/tYzkzf

CisZaKMVCjy69FnS4PYszDfTiEol4mV4W0oh2PLhP/A1to2ne/KVyW2sZRcrhnYf

dvrxnjSwQtWvgwvX3HtYDfVQ4qPU0qwSegzb0czX3NHTHAGyHPCvijCFFbD+kGJb

15hoKlydu3oWELiPYw/tdG9M5kbt79ULJ8AaH93Kcq3q8/ikUb9txXqJY6HTuboy

8V+e1HfGMUm8k/CtAbGIX4o5ef82JfFC1VVi8pGYNE8AbRWX99qmLBgi80LEIbd4

uZWbR7zCdHbsouw6DgSBCd/TbfNApy1H2qdcmXFJ47lrPoIydTCXPO8ItMFZwomt

EItxAgMBAAGjggElMIIBITAdBgNVHQ4EFgQUb4w2sWtX8Rw0xcCYHOI+CO7I/UIw

DAYDVR0TAQH/BAIwADAfBgNVHSMEGDAWgBQ8KqGERW5vlPZHYkgBwbeDj80QPTBo

BgNVHSAEYTBfMAwGCiqGSIb3TAUCAgEwTwYMKwYBBAGVCgEFAQAGMD8wPQYIKwYB

BQUHAgEWMWh0dHA6Ly93d3cubWFuLnBvem5hbi5wbC9wbGdyaWQtY2EvY2EtcG9s

aWN5Lmh0bWwwOwYDVR0fBDQwMjAwoC6gLIYqaHR0cDovL3d3dy5tYW4ucG96bmFu

LnBsL3BsZ3JpZC1jYS9jcmwuZGVyMAsGA1UdDwQEAwIEsDAdBgNVHSUEFjAUBggr

BgEFBQcDAgYIKwYBBQUHAwQwDQYJKoZIhvcNAQELBQADggEBAFwUIWwBbvEXXxsh

udOqXONKXS2hoiZEobHIozu5bhp9Z7xQt7Mh2feKSv4PcAuscNTPrJu1y+xGngGu

DqCz35LXohEqEmqufIJLGWKBSMt0Lh1EGZmWA7555U/j1XA9ICdqL8G2//b3YSdL

POs28dgoooN7BmqmNPkuuN+dLb0QmXV/0AebrNiTKlgxawsaOwRdxTASmdEzZbS7

y65zKNK0xMZW2U6D7vKCzv2AnBrOZA/mdqEeYSqrwC6fyD9sqG5v3cbmBIoxA2ol

lPDPL5RdXuUa3MGJYERZIPSIoSWXyz9vdL0GWcEADIDRVEWYf9UHQvnV92SXxWfP

Ffu8GtY=

-----END CERTIFICATE-----

[kieras@elder12 .globus]$ grid-proxy-init

Your identity: /C=PL/O=GRID/O=PSNC/CN=Bartosz Bosak

Enter GRID pass phrase for this identity:

Creating proxy ..................... Done

Your proxy is valid until: Sat Jan 10 00:17:11 2015

[kieras@elder12 kieras]$ qcg-ntf-client -u httpg://elder12.man.poznan.pl:19001 -S "cons=http://localhost:2233 top=http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousetopics;//\*;Full period=3600 mc=boolean(//smnex:State[text()="on"]);smnex=http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousemessage"

Subscribe details:

 >>> provider: 'httpg://elder12.man.poznan.pl:19001'

 >>> consRef: 'http://localhost:2233'

 >>> topicNamespace: 'http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousetopics'

 >>> topic: '//\*'

 >>> dialect: 'http://docs.oasis-open.org/wsn/t-1/TopicExpression/Full'

 >>> period: '3600'

 >>> MessageContent namespace: 'smnex=http://schemas.qoscosgrid.org/ntf/2011/04/sample/myhousemessage'

 >>> content: 'boolean(//smnex:State[text()=on])'

 >>> xslt: no

Subscribed, subRef: '673307447'

[kieras@elder12 kieras]$ qcg-ntf-client -u httpg://elder12.man.poznan.pl:19001 -U "id=673307447"

Unsubscribe details:

 >>> provider: 'httpg://elder12.man.poznan.pl:19001'

 >>> subRef: '673307447'

Unsubscribed: '673307447'

**Information model**

[root@elder12 ~]# yum install qcg-ntf-egi-is-provider

Loaded plugins: priorities, security

469 packages excluded due to repository priority protections

Setting up Install Process

Resolving Dependencies

--> Running transaction check

---> Package qcg-ntf-egi-is-provider.noarch 0:3.4.0-3 will be installed

--> Processing Dependency: emi-resource-information-service >= 1.0.3-1 for package: qcg-ntf-egi-is-provider-3.4.0-3.noarch

--> Processing Dependency: qcg-egi-is-conf >= 3.4.0 for package: qcg-ntf-egi-is-provider-3.4.0-3.noarch

--> Running transaction check

---> Package emi-resource-information-service.noarch 0:1.0.3-1.el6 will be installed

--> Processing Dependency: emi-version for package: emi-resource-information-service-1.0.3-1.el6.noarch

--> Processing Dependency: glite-yaim-bdii for package: emi-resource-information-service-1.0.3-1.el6.noarch

--> Processing Dependency: glue-validator for package: emi-resource-information-service-1.0.3-1.el6.noarch

--> Processing Dependency: bdii for package: emi-resource-information-service-1.0.3-1.el6.noarch

--> Processing Dependency: glue-validator-cron for package: emi-resource-information-service-1.0.3-1.el6.noarch

--> Processing Dependency: glue-schema for package: emi-resource-information-service-1.0.3-1.el6.noarch

--> Processing Dependency: glite-info-provider-service for package: emi-resource-information-service-1.0.3-1.el6.noarch

---> Package qcg-egi-is-conf.noarch 0:3.4.0-3 will be installed

--> Running transaction check

---> Package bdii.noarch 0:5.2.22-1.el6 will be installed

--> Processing Dependency: openldap-servers for package: bdii-5.2.22-1.el6.noarch

--> Processing Dependency: expect for package: bdii-5.2.22-1.el6.noarch

--> Processing Dependency: policycoreutils-python for package: bdii-5.2.22-1.el6.noarch

--> Processing Dependency: openldap-clients for package: bdii-5.2.22-1.el6.noarch

---> Package emi-version.x86\_64 0:3.7.4-1.el6 will be installed

---> Package glite-info-provider-service.noarch 0:1.13.3-1.el6 will be installed

---> Package glite-yaim-bdii.noarch 0:4.3.15-1.el6 will be installed

---> Package glue-schema.noarch 0:2.0.10-1.el6 will be installed

---> Package glue-validator.noarch 0:2.0.22-0.el6 will be installed

---> Package glue-validator-cron.noarch 0:1.3.0-1.el6 will be installed

--> Running transaction check

---> Package expect.x86\_64 0:5.44.1.15-4.el6 will be installed

--> Processing Dependency: libtcl8.5.so()(64bit) for package: expect-5.44.1.15-4.el6.x86\_64

---> Package openldap-clients.x86\_64 0:2.4.23-34.el6\_5.1 will be installed

---> Package openldap-servers.x86\_64 0:2.4.23-34.el6\_5.1 will be installed

--> Processing Dependency: portreserve for package: openldap-servers-2.4.23-34.el6\_5.1.x86\_64

---> Package policycoreutils-python.x86\_64 0:2.0.83-19.24.el6 will be installed

--> Processing Dependency: libsemanage-python >= 2.0.43-4 for package: policycoreutils-python-2.0.83-19.24.el6.x86\_64

--> Processing Dependency: audit-libs-python >= 1.4.2-1 for package: policycoreutils-python-2.0.83-19.24.el6.x86\_64

--> Processing Dependency: setools-libs-python for package: policycoreutils-python-2.0.83-19.24.el6.x86\_64

--> Processing Dependency: libselinux-python for package: policycoreutils-python-2.0.83-19.24.el6.x86\_64

--> Processing Dependency: libcgroup for package: policycoreutils-python-2.0.83-19.24.el6.x86\_64

--> Running transaction check

---> Package audit-libs-python.x86\_64 0:2.2-2.el6 will be installed

---> Package libcgroup.x86\_64 0:0.37-4.el6 will be installed

---> Package libselinux-python.x86\_64 0:2.0.94-5.3.el6 will be installed

---> Package libsemanage-python.x86\_64 0:2.0.43-4.1.el6 will be installed

---> Package portreserve.x86\_64 0:0.0.4-9.el6 will be installed

---> Package setools-libs-python.x86\_64 0:3.3.7-4.el6 will be installed

--> Processing Dependency: setools-libs = 3.3.7-4.el6 for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libqpol.so.1(VERS\_1.3)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libapol.so.4(VERS\_4.1)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libseaudit.so.4(VERS\_4.2)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libapol.so.4(VERS\_4.0)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libpoldiff.so.1(VERS\_1.2)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libpoldiff.so.1(VERS\_1.3)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libqpol.so.1(VERS\_1.2)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libqpol.so.1(VERS\_1.4)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libsefs.so.4(VERS\_4.0)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libseaudit.so.4(VERS\_4.1)(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libseaudit.so.4()(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libsefs.so.4()(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libapol.so.4()(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libpoldiff.so.1()(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

--> Processing Dependency: libqpol.so.1()(64bit) for package: setools-libs-python-3.3.7-4.el6.x86\_64

---> Package tcl.x86\_64 1:8.5.7-6.el6 will be installed

--> Running transaction check

---> Package setools-libs.x86\_64 0:3.3.7-4.el6 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

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

 Package Arch Version Repository Size

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

Installing:

 qcg-ntf-egi-is-provider noarch 3.4.0-3 QCG.qcg-ntf.sl6.x86\_64 4.6 k

Installing for dependencies:

 audit-libs-python x86\_64 2.2-2.el6 sl 58 k

 bdii noarch 5.2.22-1.el6 UMD-3-updates 25 k

 emi-resource-information-service noarch 1.0.3-1.el6 UMD-3-base 2.0 k

 emi-version x86\_64 3.7.4-1.el6 UMD-3-updates 2.4 k

 expect x86\_64 5.44.1.15-4.el6 sl 255 k

 glite-info-provider-service noarch 1.13.3-1.el6 UMD-3-updates 63 k

 glite-yaim-bdii noarch 4.3.15-1.el6 UMD-3-updates 11 k

 glue-schema noarch 2.0.10-1.el6 UMD-3-base 31 k

 glue-validator noarch 2.0.22-0.el6 UMD-3-updates 73 k

 glue-validator-cron noarch 1.3.0-1.el6 UMD-3-updates 4.0 k

 libcgroup x86\_64 0.37-4.el6 sl 103 k

 libselinux-python x86\_64 2.0.94-5.3.el6 sl 201 k

 libsemanage-python x86\_64 2.0.43-4.1.el6 sl 80 k

 openldap-clients x86\_64 2.4.23-34.el6\_5.1 sl-security 165 k

 openldap-servers x86\_64 2.4.23-34.el6\_5.1 sl-security 2.0 M

 policycoreutils-python x86\_64 2.0.83-19.24.el6 sl 339 k

 portreserve x86\_64 0.0.4-9.el6 sl 22 k

 qcg-egi-is-conf noarch 3.4.0-3 QCG.qcg-ntf.sl6.x86\_64 3.1 k

 setools-libs x86\_64 3.3.7-4.el6 sl 399 k

 setools-libs-python x86\_64 3.3.7-4.el6 sl 221 k

 tcl x86\_64 1:8.5.7-6.el6 sl 1.9 M

Transaction Summary

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

Install 22 Package(s)

Total download size: 5.9 M

Installed size: 16 M

Is this ok [y/N]: y

Downloading Packages:

(1/22): audit-libs-python-2.2-2.el6.x86\_64.rpm | 58 kB 00:00

(2/22): bdii-5.2.22-1.el6.noarch.rpm | 25 kB 00:00

(3/22): emi-resource-information-service-1.0.3-1.el6.noarch.rpm | 2.0 kB 00:00

(4/22): emi-version-3.7.4-1.el6.x86\_64.rpm | 2.4 kB 00:00

(5/22): expect-5.44.1.15-4.el6.x86\_64.rpm | 255 kB 00:01

(6/22): glite-info-provider-service-1.13.3-1.el6.noarch.rpm | 63 kB 00:00

(7/22): glite-yaim-bdii-4.3.15-1.el6.noarch.rpm | 11 kB 00:00

(8/22): glue-schema-2.0.10-1.el6.noarch.rpm | 31 kB 00:00

(9/22): glue-validator-2.0.22-0.el6.noarch.rpm | 73 kB 00:00

(10/22): glue-validator-cron-1.3.0-1.el6.noarch.rpm | 4.0 kB 00:00

(11/22): libcgroup-0.37-4.el6.x86\_64.rpm | 103 kB 00:00

(12/22): libselinux-python-2.0.94-5.3.el6.x86\_64.rpm | 201 kB 00:01

(13/22): libsemanage-python-2.0.43-4.1.el6.x86\_64.rpm | 80 kB 00:00

(14/22): openldap-clients-2.4.23-34.el6\_5.1.x86\_64.rpm | 165 kB 00:00

(15/22): openldap-servers-2.4.23-34.el6\_5.1.x86\_64.rpm | 2.0 MB 00:09

(16/22): policycoreutils-python-2.0.83-19.24.el6.x86\_64.rpm | 339 kB 00:01

(17/22): portreserve-0.0.4-9.el6.x86\_64.rpm | 22 kB 00:00

(18/22): qcg-egi-is-conf-3.4.0-3.noarch.rpm | 3.1 kB 00:00

(19/22): qcg-ntf-egi-is-provider-3.4.0-3.noarch.rpm | 4.6 kB 00:00

(20/22): setools-libs-3.3.7-4.el6.x86\_64.rpm | 399 kB 00:01

(21/22): setools-libs-python-3.3.7-4.el6.x86\_64.rpm | 221 kB 00:01

(22/22): tcl-8.5.7-6.el6.x86\_64.rpm | 1.9 MB 00:09

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

Total 179 kB/s | 5.9 MB 00:34

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

 Installing : glue-schema-2.0.10-1.el6.noarch 1/22

 Installing : openldap-clients-2.4.23-34.el6\_5.1.x86\_64 2/22

 Installing : glue-validator-2.0.22-0.el6.noarch 3/22

 Installing : glue-validator-cron-1.3.0-1.el6.noarch 4/22

 Installing : emi-version-3.7.4-1.el6.x86\_64 5/22

 Installing : glite-yaim-bdii-4.3.15-1.el6.noarch 6/22

 Installing : libsemanage-python-2.0.43-4.1.el6.x86\_64 7/22

 Installing : glite-info-provider-service-1.13.3-1.el6.noarch 8/22

 Installing : portreserve-0.0.4-9.el6.x86\_64 9/22

 Installing : openldap-servers-2.4.23-34.el6\_5.1.x86\_64 10/22

 Installing : setools-libs-3.3.7-4.el6.x86\_64 11/22

 Installing : setools-libs-python-3.3.7-4.el6.x86\_64 12/22

 Installing : libcgroup-0.37-4.el6.x86\_64 13/22

 Installing : 1:tcl-8.5.7-6.el6.x86\_64 14/22

 Installing : expect-5.44.1.15-4.el6.x86\_64 15/22

 Installing : audit-libs-python-2.2-2.el6.x86\_64 16/22

 Installing : libselinux-python-2.0.94-5.3.el6.x86\_64 17/22

 Installing : policycoreutils-python-2.0.83-19.24.el6.x86\_64 18/22

 Installing : bdii-5.2.22-1.el6.noarch 19/22

 Installing : emi-resource-information-service-1.0.3-1.el6.noarch 20/22

 Installing : qcg-egi-is-conf-3.4.0-3.noarch 21/22

The package requires initial configuration in order to be used by QCG providers.

Run qcg-info-site-config -s <site-ID> to set appropriate data.

The list of available site-IDs can be found at https://goc.egi.eu/portal/index.php?Page\_Type=Sites

 Installing : qcg-ntf-egi-is-provider-3.4.0-3.noarch 22/22

 Verifying : libselinux-python-2.0.94-5.3.el6.x86\_64 1/22

 Verifying : audit-libs-python-2.2-2.el6.x86\_64 2/22

 Verifying : expect-5.44.1.15-4.el6.x86\_64 3/22

 Verifying : setools-libs-python-3.3.7-4.el6.x86\_64 4/22

 Verifying : 1:tcl-8.5.7-6.el6.x86\_64 5/22

 Verifying : glue-validator-cron-1.3.0-1.el6.noarch 6/22

 Verifying : libcgroup-0.37-4.el6.x86\_64 7/22

 Verifying : setools-libs-3.3.7-4.el6.x86\_64 8/22

 Verifying : portreserve-0.0.4-9.el6.x86\_64 9/22

 Verifying : glite-info-provider-service-1.13.3-1.el6.noarch 10/22

 Verifying : qcg-egi-is-conf-3.4.0-3.noarch 11/22

 Verifying : glue-validator-2.0.22-0.el6.noarch 12/22

 Verifying : openldap-servers-2.4.23-34.el6\_5.1.x86\_64 13/22

 Verifying : emi-resource-information-service-1.0.3-1.el6.noarch 14/22

 Verifying : policycoreutils-python-2.0.83-19.24.el6.x86\_64 15/22

 Verifying : bdii-5.2.22-1.el6.noarch 16/22

 Verifying : libsemanage-python-2.0.43-4.1.el6.x86\_64 17/22

 Verifying : qcg-ntf-egi-is-provider-3.4.0-3.noarch 18/22

 Verifying : openldap-clients-2.4.23-34.el6\_5.1.x86\_64 19/22

 Verifying : glite-yaim-bdii-4.3.15-1.el6.noarch 20/22

 Verifying : glue-schema-2.0.10-1.el6.noarch 21/22

 Verifying : emi-version-3.7.4-1.el6.x86\_64 22/22

Installed:

 qcg-ntf-egi-is-provider.noarch 0:3.4.0-3

Dependency Installed:

 audit-libs-python.x86\_64 0:2.2-2.el6 bdii.noarch 0:5.2.22-1.el6 emi-resource-information-service.noarch 0:1.0.3-1.el6 emi-version.x86\_64 0:3.7.4-1.el6

 expect.x86\_64 0:5.44.1.15-4.el6 glite-info-provider-service.noarch 0:1.13.3-1.el6 glite-yaim-bdii.noarch 0:4.3.15-1.el6 glue-schema.noarch 0:2.0.10-1.el6

 glue-validator.noarch 0:2.0.22-0.el6 glue-validator-cron.noarch 0:1.3.0-1.el6 libcgroup.x86\_64 0:0.37-4.el6 libselinux-python.x86\_64 0:2.0.94-5.3.el6

 libsemanage-python.x86\_64 0:2.0.43-4.1.el6 openldap-clients.x86\_64 0:2.4.23-34.el6\_5.1 openldap-servers.x86\_64 0:2.4.23-34.el6\_5.1 policycoreutils-python.x86\_64 0:2.0.83-19.24.el6

 portreserve.x86\_64 0:0.0.4-9.el6 qcg-egi-is-conf.noarch 0:3.4.0-3 setools-libs.x86\_64 0:3.3.7-4.el6 setools-libs-python.x86\_64 0:3.3.7-4.el6

 tcl.x86\_64 1:8.5.7-6.el6

Complete!

[root@elder12 ~]# qcg-info-site-config -s PCSS-TEST

[root@elder12 ~]# qcg-info-site-config -d

QCG\_SITE\_ID=PCSS-TEST

[root@elder12 ~]# chkconfig bdii on

[root@elder12 ~]# service bdii start

Starting BDII slapd: [ OK ]

Starting BDII update process: [ OK ]

**GlueSchema 1.3 Support (QC\_INFO\_1)**

[root@elder12 ~]# glue-validator -s general -H elder12.man.poznan.pl -p 2170 -b o=grid -v 3 -g glue1

WARNING - errors 0, warnings 1, info 0 | errors=0;warnings=1;info=0

W037 Description: Wrong type

W037 Affected DN: GlueServiceUniqueID=elder12.man.poznan.pl\_org.oasis.notification\_968728261

 Mds-Vo-name=resource

 o=grid

W037 Affected attribute: GlueServiceType

W037 Published value: ['org.oasis.notification']

W037 Additional information: Expected type is ServiceType\_t

**GlueSchema 2.0 Support (QC\_INFO\_2)**

[root@elder12 ~]# glue-validator -s general -H localhost -p 2170 -b o=glue -v 3 -g glue2

WARNING - errors 0, warnings 4, info 0 | errors=0;warnings=4;info=0

W037 Description: Wrong type

W037 Affected DN: GLUE2EndpointID=elder12.man.poznan.pl\_unknown\_968728261\_org.oasis.notification\_968728261

 GLUE2ServiceID=elder12.man.poznan.pl\_unknown\_968728261

 GLUE2GroupID=resource

 o=glue

W037 Affected attribute: GLUE2EndpointInterfaceName

W037 Published value: ['org.oasis.notification']

W037 Additional information: Expected type is InterfaceName\_t

WARNING START:

W037 Description: Wrong type

W037 Affected DN: GLUE2EndpointID=elder12.man.poznan.pl\_unknown\_968728261\_org.oasis.notification\_968728261

 GLUE2ServiceID=elder12.man.poznan.pl\_unknown\_968728261

 GLUE2GroupID=resource

 o=glue

W037 Affected attribute: GLUE2EndpointCapability

W037 Published value: ['notification']

W037 Additional information: Expected type is Capability\_t

W037 Description: Wrong type

W037 Affected DN: GLUE2ServiceID=elder12.man.poznan.pl\_unknown\_968728261

 GLUE2GroupID=resource

 o=glue

W037 Affected attribute: GLUE2ServiceCapability

W037 Published value: ['notification']

W037 Additional information: Expected type is Capability\_t

WARNING START:

W037 Description: Wrong type

W037 Affected DN: GLUE2ServiceID=elder12.man.poznan.pl\_unknown\_968728261

 GLUE2GroupID=resource

 o=glue

W037 Affected attribute: GLUE2ServiceType

W037 Published value: ['org.qcg.notification']

W037 Additional information: Expected type is ServiceType\_t

**Middleware Version Information (QC\_INFO\_3)**

[root@elder12 ~]# ldapsearch -x -h localhost -p 2170 -b GLUE2GroupID=resource,o=glue objectclass=GLUE2Endpoint | grep -e ImplementationVersion -e MiddlewareVersion

GLUE2EntityOtherInfo: MiddlewareVersion=3.7.4-1.el6

GLUE2EndpointImplementationVersion: 3.4.0

1. **OK, WARN, FAIL, NA (Not Applicable) or NT (Not Tested)**  [↑](#footnote-ref-1)