

Quality Criteria Verification Report

Product	CA update, version 1.60-1	Release	1.60-1
Software Provider	EGI-IGTF	RT Ticket	#7585
Provider contact	David Groep (egi-igt-liaison@nikhef.nl)		
Verifier	Esteban Freire (esfreire@cesga.es)		
Hours worked	4h	Date	23/10/14
Status	Accepted		

Summary

CAs were updated on all the services from the SA2 verification testbed. Everything was correct during the installation and tests are being passed correctly on our Nagios, Creams (SLURM and TORQUE) and DPM-MYSQL from the verification testbed:

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test23.egi.cesga.es>

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test31.egi.cesga.es>

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test06.egi.cesga.es>

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test08.egi.cesga.es>

I just would like to comment that after updating the CAs on the Nagios from verification, <https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test23.egi.cesga.es>, I can see the Nagios service is still failing the CRL test for HIAST CA :

<https://test23.egi.cesga.es/nagios/cgi-bin/extinfo.cgi?type=2&host=test23.egi.cesga.es&service=eu.egi.sec.CRL>

```
{{{  
ERROR: Some errors found. Please check details.  
Using certificates dir : /etc/grid-security/certificates  
/C=SY/O=HIAST/CN=HIAST GRID CA (HIAST.pem) CRL expired 792 hours ago  
}}}
```

But as commented on previous CAs verification (1.59-1), this is a known issue on HIAST CA and it is not due to this update.

Related tickets

None

Documentation Criteria

Document	
Release notes	https://wiki.egi.eu/wiki/EGI_IGTF_Release
User Documentation	
API Documentation	
Admin Documentation	https://wiki.egi.eu/wiki/EGI_IGTF_Release_Process
Software License	

Generic Criteria

Criteria	Status ¹	Additional Comments
Binary Distribution	OK	
Upgrade	OK	
X.509 Certificate support	OK	
SHA-2 Certificates Support	OK	
RFC Proxy support	OK	
ARGUS Integration	NA	
World Writable Files	NT	Minor release
Passwords in world readable files	NT	Minor release
GlueSchema 1.3 Support	OK	
GlueSchema 2.0 Support	OK	
Middleware Version Information	NT	Minor release
Service Probes	OK	
Accounting Records	NA	
Bug Tracking System	OK	

Specific QC

Basic Functionality Test

= Verification of CA update, version 1.60-1 =

CAs were updated on all the services from the SA2 verification testbed. Everything was correct during the installation and tests are being passed correctly on our Nagios, Creams (SLURM and TORQUE) and DPM-MYSQL from the verification testbed:

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test23.egi.cesga.es>

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test31.egi.cesga.es>

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test06.egi.cesga.es>

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test08.egi.cesga.es>

1OK, WARN, FAIL, NA (Not Applicable) or NT (Not Tested)

I just would like to comment that after updating the CAs on the Nagios from verification, <https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test23.egi.cesga.es>, I can see the Nagios service is still failing the CRL test for HIAST CA :

<https://test23.egi.cesga.es/nagios/cgi-bin/extinfo.cgi?type=2&host=test23.egi.cesga.es&service=eu.egi.sec.CRL>

```
{{{
ERROR: Some errors found. Please check details.
Using certificates dir : /etc/grid-security/certificates
/C=SY/O=HIAST/CN=HIAST GRID CA (HIAST.pem) CRL expired 792 hours ago
}}}
```

But as commented on previous CAs verification (1.59-1), this is a known issue on HIAST CA and it is not due to this update.

== Configuring the repositories ==

```
{{{
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(7585,-,1616)
```

```
[EGI-trustanchors]
name=EGI-trustanchors
baseurl=http://admin-repo.egi.eu/sw/unverified/cas/1/60/1/current/
enabled=1
gpgcheck=1
gpgkey=http://repository.egi.eu/sw/production/cas/1/GPG-KEY-EUGridPMA-RPM-3
}}}
```

== Installing the CAs (OK) ==

```
yum clean all;yum update lcg-CA
```

```
{{{
=====
=====
=====
=====
Package                               Arch                               Version
Repository                             Size
=====
=====
=====
=====
```

Updating:

lcg-CA		noarch		1.60-1
EGI-trustanchors	2.1 k			
Installing for dependencies:				
ca_TERENA-eScience-SSL-CA-2			noarch	
1.60-1		EGI-trustanchors		5.6 k
ca_TERENAESciencePersonalCA2			noarch	
1.60-1		EGI-trustanchors		5.6 k
ca_UTN-USERTrust-RSA-CA			noarch	
1.60-1		EGI-trustanchors		5.5 k
Updating for dependencies:				
ca-policy-egi-core			noarch	1.60-1
EGI-trustanchors	5.8 k			
ca-policy-lcg			noarch	1.60-1
EGI-trustanchors	2.0 k			
ca_AAACertificateServices			noarch	
1.60-1		EGI-trustanchors		5.7 k
ca_AEGIS			noarch	1.60-1
EGI-trustanchors	5.3 k			
ca_ANSPGrid			noarch	1.60-1
EGI-trustanchors	5.5 k			
ca_ASGCCA-2007			noarch	1.60-
1		EGI-trustanchors		5.3 k
ca_AddTrust-External-CA-Root			noarch	
1.60-1		EGI-trustanchors		6.0 k
ca_ArmeSFo			noarch	1.60-1
EGI-trustanchors	5.0 k			
ca_AustrianGrid			noarch	1.60-1
EGI-trustanchors	5.3 k			
ca_BEGrid2008			noarch	1.60-1
EGI-trustanchors	5.1 k			
ca_BG-ACAD-CA			noarch	1.60-
1		EGI-trustanchors		5.2 k
ca_BYGCA			noarch	1.60-1
EGI-trustanchors	5.2 k			
ca_BalticGrid			noarch	1.60-1
EGI-trustanchors	5.3 k			
ca_BrGrid			noarch	1.60-1
EGI-trustanchors	5.5 k			
ca_CALG			noarch	1.60-1
EGI-trustanchors	5.3 k			
ca_CERN-GridCA			noarch	1.60-
1		EGI-trustanchors		6.0 k
ca_CERN-Root			noarch	1.60-1
EGI-trustanchors	5.2 k			
ca_CERN-Root-2			noarch	1.60-1
EGI-trustanchors	5.9 k			
ca_CERN-TCA			noarch	1.60-1
EGI-trustanchors	5.2 k			
ca_CESNET-CA-3			noarch	1.60-
1		EGI-trustanchors		4.8 k

ca_CESNET-CA-Root		noarch		
1.60-1	EGI-trustanchors		5.2 k	
ca_CNIC		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_CNRS2		noarch		1.60-1
EGI-trustanchors	5.0 k			
ca_CNRS2-Grid-FR		noarch		1.60-
1	EGI-trustanchors		5.3 k	
ca_CNRS2-Projets		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_COMODO-RSA-CA		noarch		
1.60-1	EGI-trustanchors		5.3 k	
ca_CyGrid		noarch		1.60-1
EGI-trustanchors	5.1 k			
ca_DFN-GridGermany-Root		noarch		
1.60-1	EGI-trustanchors		5.5 k	
ca_DFN-SLCS		noarch		1.60-1
EGI-trustanchors	5.1 k			
ca_DZeScience		noarch		1.60-1
EGI-trustanchors	7.1 k			
ca_DigiCertAssuredIDRootCA-Root		noarch		
1.60-1	EGI-trustanchors		5.4 k	
ca_DigiCertGridCA-1-Classic		noarch		
1.60-1	EGI-trustanchors		5.7 k	
ca_DigiCertGridCA-1G2-Classic		noarch		
1.60-1	EGI-trustanchors		5.7 k	
ca_DigiCertGridRootCA-Root		noarch		
1.60-1	EGI-trustanchors		5.4 k	
ca_DigiCertGridTrustCA-Classic		noarch		
1.60-1	EGI-trustanchors		6.0 k	
ca_DigiCertGridTrustCAG2-Classic		noarch		
1.60-1	EGI-trustanchors		5.8 k	
ca_EG-GRID		noarch		1.60-1
EGI-trustanchors	6.8 k			
ca_FNAL-SLCS		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_GermanGrid		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_GridCanada		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_HIAST		noarch		1.60-1
EGI-trustanchors	6.7 k			
ca_HKU		noarch		1.60-1
EGI-trustanchors	5.0 k			
ca_HPCI		noarch		1.60-1
EGI-trustanchors	5.5 k			
ca_HellasGrid-CA-2006		noarch		
1.60-1	EGI-trustanchors		5.1 k	
ca_HellasGrid-Root		noarch		1.60-1
EGI-trustanchors	5.4 k			

ca_IGCA		noarch		1.60-1
EGI-trustanchors	5.1 k			
ca_IHEP-2013		noarch		1.60-1
EGI-trustanchors	5.2 k			
ca_INFN-CA-2006		noarch		1.60-
1	EGI-trustanchors		5.1 k	
ca_IRAN-GRID		noarch		1.60-1
EGI-trustanchors	5.2 k			
ca_InCommon-IGTF-Server-CA			noarch	
1.60-1	EGI-trustanchors		5.4 k	
ca_KEK		noarch		1.60-1
EGI-trustanchors	5.5 k			
ca_KISTI-2007		noarch		1.60-1
EGI-trustanchors	5.2 k			
ca_LACGridCA		noarch		1.60-1
EGI-trustanchors	5.4 k			
ca_LIPCA		noarch		1.60-1
EGI-trustanchors	5.0 k			
ca_MARGI		noarch		1.60-1
EGI-trustanchors	5.1 k			
ca_MD-Grid		noarch		1.60-1
EGI-trustanchors	5.5 k			
ca_MREN-CA		noarch		1.60-1
EGI-trustanchors	5.1 k			
ca_MYIFAM		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_MaGrid		noarch		1.60-1
EGI-trustanchors	5.2 k			
ca_NAREGI		noarch		1.60-1
EGI-trustanchors	5.5 k			
ca_NCHC		noarch		1.60-1
EGI-trustanchors	5.1 k			
ca_NCSA-mics		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_NCSA-slcs		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_NCSA-slcs-2013		noarch		1.60-
1	EGI-trustanchors		5.3 k	
ca_NCSA-tfca-2013		noarch		1.60-
1	EGI-trustanchors		5.3 k	
ca_NECTEC		noarch		1.60-1
EGI-trustanchors	5.5 k			
ca_NERSC-SLCS		noarch		1.60-
1	EGI-trustanchors		5.7 k	
ca_NICS-MyProxy		noarch		1.60-
1	EGI-trustanchors		5.3 k	
ca_NIIF		noarch		1.60-1
EGI-trustanchors	5.2 k			
ca_NIKHEF		noarch		1.60-1
EGI-trustanchors	5.4 k			

ca_NorduGrid		noarch		1.60-1
EGI-trustanchors	5.1 k			
ca_PK-Grid-2007		noarch		1.60-1
EGI-trustanchors	5.7 k			
ca_PSC-Myproxy-CA		noarch		
1.60-1	EGI-trustanchors		5.3 k	
ca_PolishGrid		noarch		1.60-1
EGI-trustanchors	5.2 k			
ca_QuoVadis-Grid-ICA		noarch		
1.60-1	EGI-trustanchors		5.2 k	
ca_QuoVadis-Root-CA1		noarch		
1.60-1	EGI-trustanchors		5.7 k	
ca_RDIG		noarch		1.60-1
EGI-trustanchors	5.6 k			
ca_REUNA-ca		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_RomanianGRID		noarch		1.60-
1	EGI-trustanchors		5.3 k	
ca_SDG		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_SRCE		noarch		1.60-1
EGI-trustanchors	4.9 k			
ca_SiGNET-CA		noarch		1.60-1
EGI-trustanchors	5.4 k			
ca_SlovakGrid		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_TERENA-eScience-SSL-CA		noarch		
1.60-1	EGI-trustanchors		5.7 k	
ca_TERENAEsciencePersonalCA		noarch		
1.60-1	EGI-trustanchors		5.2 k	
ca_TRGrid		noarch		1.60-1
EGI-trustanchors	5.2 k			
ca_UGRID		noarch		1.60-1
EGI-trustanchors	5.1 k			
ca_UKeScienceCA-2A		noarch		
1.60-1	EGI-trustanchors		4.9 k	
ca_UKeScienceCA-2B		noarch		
1.60-1	EGI-trustanchors		4.9 k	
ca_UKeScienceRoot-2007		noarch		
1.60-1	EGI-trustanchors		5.5 k	
ca_ULAGrid-CA-2008		noarch		
1.60-1	EGI-trustanchors		5.4 k	
ca_UNAMgrid-ca		noarch		1.60-1
EGI-trustanchors	5.5 k			
ca_UNLPGrid		noarch		1.60-1
EGI-trustanchors	5.3 k			
ca_UTN-USERFirst-Hardware		noarch		
1.60-1	EGI-trustanchors		5.7 k	
ca_UTNAAAClient		noarch		1.60-
1	EGI-trustanchors		5.1 k	

ca_UniandesCA		noarch	1.60-1
EGI-trustanchors	5.4 k		
ca_cilogon-silver		noarch	1.60-1
EGI-trustanchors	5.1 k		
ca_pkIRISGrid		noarch	1.60-1
EGI-trustanchors	5.5 k		
ca_policy_igtf-classic		noarch	1.60-1
EGI-trustanchors	6.5 k		
ca_policy_igtf-mics		noarch	1.60-1
EGI-trustanchors	2.9 k		
ca_policy_igtf-slcs		noarch	1.60-1
EGI-trustanchors	2.9 k		
ca_seegrid-ca-2013		noarch	1.60-1
EGI-trustanchors	5.2 k		

Transaction Summary

```
=====
=====
```

```
}}}
```

* Updating the CRLs (OK):

```
{{{
[root@test23 yum.repos.d]# /usr/sbin/fetch-crl -a 1 -v
fetch-crl[25063]: 20141023T104331+0200 Starting CRL retrieval process at
20141023T104331+0200
fetch-crl[25063]: 20141023T104331+0200 Using OpenSSL version OpenSSL 0.9.8e-
fips-rhel5 01 Jul 2008 at /usr/bin/openssl
fetch-crl[25063]: 20141023T104331+0200 processing '/etc/grid-
security/certificates/AAACertificateServices.crl_url'
fetch-crl[25063]: 20141023T104332+0200 updating CRL 'AAA Certificate Services
(75680d2e)'
fetch-crl[25063]: 20141023T104332+0200 File /etc/grid-
security/certificates/75680d2e.r0 valid: yes
fetch-crl[25063]: 20141023T104332+0200 File /etc/grid-
security/certificates/75680d2e.r0.r25139 valid: yes
fetch-crl[25063]: 20141023T104332+0200 File /etc/grid-
security/certificates/75680d2e.r0 valid: yes
fetch-crl[25063]: 20141023T104332+0200 processing '/etc/grid-
security/certificates/AddTrust-External-CA-Root.crl_url'
fetch-crl[25063]: 20141023T104332+0200 updating CRL 'AddTrust External CA Root
(3c58f906)'
fetch-crl[25063]: 20141023T104332+0200 File /etc/grid-
security/certificates/3c58f906.r0 valid: yes
fetch-crl[25063]: 20141023T104332+0200 File /etc/grid-
security/certificates/3c58f906.r0.y25210 valid: yes
fetch-crl[25063]: 20141023T104332+0200 File /etc/grid-
security/certificates/3c58f906.r0 valid: yes
```


fetch-crl[25063]: 20141023T104332+0200 processing '/etc/grid-security/certificates/AEGIS.crl_url'
fetch-crl[25063]: 20141023T104332+0200 updating CRL 'AEGIS-CA (393f7863)'
fetch-crl[25063]: 20141023T104332+0200 File /etc/grid-security/certificates/393f7863.r0 valid: yes
fetch-crl[25063]: 20141023T104332+0200 File /etc/grid-security/certificates/393f7863.r0.x25281 valid: yes
fetch-crl[25063]: 20141023T104332+0200 File /etc/grid-security/certificates/393f7863.r0 valid: yes
fetch-crl[25063]: 20141023T104332+0200 processing '/etc/grid-security/certificates/ANSPGrid.crl_url'
fetch-crl[25063]: 20141023T104333+0200 updating CRL 'ANSPGrid CA (126f0acf)'
fetch-crl[25063]: 20141023T104333+0200 File /etc/grid-security/certificates/126f0acf.r0 valid: yes
fetch-crl[25063]: 20141023T104333+0200 File /etc/grid-security/certificates/126f0acf.r0.X25352 valid: yes
fetch-crl[25063]: 20141023T104333+0200 File /etc/grid-security/certificates/126f0acf.r0 valid: yes
fetch-crl[25063]: 20141023T104333+0200 processing '/etc/grid-security/certificates/ArmeSFo.crl_url'
fetch-crl[25063]: 20141023T104333+0200 updating CRL 'ArmeSFo CA (d0c2a341)'
fetch-crl[25063]: 20141023T104333+0200 File /etc/grid-security/certificates/d0c2a341.r0 valid: yes
fetch-crl[25063]: 20141023T104333+0200 File /etc/grid-security/certificates/d0c2a341.r0.V25420 valid: yes
fetch-crl[25063]: 20141023T104333+0200 File /etc/grid-security/certificates/d0c2a341.r0 valid: yes
fetch-crl[25063]: 20141023T104333+0200 processing '/etc/grid-security/certificates/ASGCCA-2007.crl_url'
fetch-crl[25063]: 20141023T104336+0200 updating CRL 'Academia Sinica Grid Computing Certification Authority Mercury (9cd75e87)'
fetch-crl[25063]: 20141023T104336+0200 File /etc/grid-security/certificates/9cd75e87.r0 valid: yes
fetch-crl[25063]: 20141023T104336+0200 File /etc/grid-security/certificates/9cd75e87.r0.I25488 valid: yes
fetch-crl[25063]: 20141023T104336+0200 File /etc/grid-security/certificates/9cd75e87.r0 valid: yes
fetch-crl[25063]: 20141023T104336+0200 processing '/etc/grid-security/certificates/AustrianGrid.crl_url'
fetch-crl[25063]: 20141023T104336+0200 updating CRL 'Certificate Issuer (6e3b436b)'
fetch-crl[25063]: 20141023T104336+0200 File /etc/grid-security/certificates/6e3b436b.r0 valid: yes
fetch-crl[25063]: 20141023T104336+0200 File /etc/grid-security/certificates/6e3b436b.r0.I25556 valid: yes
fetch-crl[25063]: 20141023T104336+0200 File /etc/grid-security/certificates/6e3b436b.r0 valid: yes
fetch-crl[25063]: 20141023T104336+0200 processing '/etc/grid-security/certificates/BalticGrid.crl_url'

fetch-crl[25063]: 20141023T104336+0200 updating CRL 'Baltic Grid Certification Authority (2a237f16)'
fetch-crl[25063]: 20141023T104336+0200 File /etc/grid-security/certificates/2a237f16.r0 valid: yes
fetch-crl[25063]: 20141023T104336+0200 File /etc/grid-security/certificates/2a237f16.r0.K25628 valid: yes
fetch-crl[25063]: 20141023T104337+0200 File /etc/grid-security/certificates/2a237f16.r0 valid: yes
fetch-crl[25063]: 20141023T104337+0200 processing '/etc/grid-security/certificates/BEGrid2008.crl_url'
fetch-crl[25063]: 20141023T104337+0200 updating CRL 'BEgrid CA (e8d818e6)'
fetch-crl[25063]: 20141023T104337+0200 File /etc/grid-security/certificates/e8d818e6.r0 valid: yes
fetch-crl[25063]: 20141023T104337+0200 File /etc/grid-security/certificates/e8d818e6.r0.t25696 valid: yes
fetch-crl[25063]: 20141023T104337+0200 File /etc/grid-security/certificates/e8d818e6.r0 valid: yes
fetch-crl[25063]: 20141023T104337+0200 processing '/etc/grid-security/certificates/BG-ACAD-CA.crl_url'
fetch-crl[25063]: 20141023T104337+0200 updating CRL 'BG.ACAD CA (2418a3f3)'
fetch-crl[25063]: 20141023T104337+0200 File /etc/grid-security/certificates/2418a3f3.r0 valid: yes
fetch-crl[25063]: 20141023T104337+0200 File /etc/grid-security/certificates/2418a3f3.r0.s25764 valid: yes
fetch-crl[25063]: 20141023T104337+0200 File /etc/grid-security/certificates/2418a3f3.r0 valid: yes
fetch-crl[25063]: 20141023T104337+0200 processing '/etc/grid-security/certificates/BrGrid.crl_url'
fetch-crl[25063]: 20141023T104338+0200 updating CRL 'UFF Brazilian Grid Certification Authority (0a2bac92)'
fetch-crl[25063]: 20141023T104338+0200 File /etc/grid-security/certificates/0a2bac92.r0 valid: yes
fetch-crl[25063]: 20141023T104338+0200 File /etc/grid-security/certificates/0a2bac92.r0.p25832 valid: yes
fetch-crl[25063]: 20141023T104338+0200 File /etc/grid-security/certificates/0a2bac92.r0 valid: yes
fetch-crl[25063]: 20141023T104338+0200 processing '/etc/grid-security/certificates/BYGCA.crl_url'
fetch-crl[25063]: 20141023T104339+0200 updating CRL 'Belarusian Grid Certification Authority (709bed08)'
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/709bed08.r0 valid: yes
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/709bed08.r0.x25903 valid: yes
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/709bed08.r0 valid: yes
fetch-crl[25063]: 20141023T104339+0200 processing '/etc/grid-security/certificates/CALG.crl_url'
fetch-crl[25063]: 20141023T104339+0200 updating CRL 'Certification Authority for Latvian Grid (742edd45)'

fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/742edd45.r0 valid: yes
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/742edd45.r0.Y25971 valid: yes
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/742edd45.r0 valid: yes
fetch-crl[25063]: 20141023T104339+0200 processing '/etc/grid-security/certificates/CERN-GridCA.crl_url'
fetch-crl[25063]: 20141023T104339+0200 updating CRL 'CERN Grid Certification Authority (4339b4bc)'
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/4339b4bc.r0 valid: yes
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/4339b4bc.r0.g26042 valid: yes
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/4339b4bc.r0 valid: yes
fetch-crl[25063]: 20141023T104339+0200 processing '/etc/grid-security/certificates/CERN-Root-2.crl_url'
fetch-crl[25063]: 20141023T104339+0200 updating CRL 'CERN Root Certification Authority 2 (b4278411)'
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/b4278411.r0 valid: yes
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/b4278411.r0.K26113 valid: yes
fetch-crl[25063]: 20141023T104339+0200 File /etc/grid-security/certificates/b4278411.r0 valid: yes
fetch-crl[25063]: 20141023T104339+0200 processing '/etc/grid-security/certificates/CERN-Root.crl_url'
fetch-crl[25063]: 20141023T104340+0200 updating CRL 'CERN Root CA (d254cc30)'
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/d254cc30.r0 valid: yes
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/d254cc30.r0.T26191 valid: yes
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/d254cc30.r0 valid: yes
fetch-crl[25063]: 20141023T104340+0200 processing '/etc/grid-security/certificates/CERN-TCA.crl_url'
fetch-crl[25063]: 20141023T104340+0200 updating CRL 'CERN Trusted Certification Authority (1d879c6c)'
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/1d879c6c.r0 valid: yes
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/1d879c6c.r0.J26262 valid: yes
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/1d879c6c.r0 valid: yes
fetch-crl[25063]: 20141023T104340+0200 processing '/etc/grid-security/certificates/CESNET-CA-3.crl_url'
fetch-crl[25063]: 20141023T104340+0200 updating CRL 'CESNET CA 3 (712ae4cc)'
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/712ae4cc.r0 valid: yes

fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/712ae4cc.r0.R26333 valid: yes
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/712ae4cc.r0 valid: yes
fetch-crl[25063]: 20141023T104340+0200 processing '/etc/grid-security/certificates/CESNET-CA-Root.crl_url'
fetch-crl[25063]: 20141023T104340+0200 updating CRL 'CESNET CA Root (edca0fc0)'
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/edca0fc0.r0 valid: yes
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/edca0fc0.r0.C26404 valid: yes
fetch-crl[25063]: 20141023T104340+0200 File /etc/grid-security/certificates/edca0fc0.r0 valid: yes
fetch-crl[25063]: 20141023T104340+0200 processing '/etc/grid-security/certificates/cilogon-silver.crl_url'
fetch-crl[25063]: 20141023T104341+0200 updating CRL 'CILogon Silver CA 1 (10718cba)'
fetch-crl[25063]: 20141023T104341+0200 File /etc/grid-security/certificates/10718cba.r0 valid: yes
fetch-crl[25063]: 20141023T104341+0200 File /etc/grid-security/certificates/10718cba.r0.u26475 valid: yes
fetch-crl[25063]: 20141023T104341+0200 File /etc/grid-security/certificates/10718cba.r0 valid: yes
fetch-crl[25063]: 20141023T104341+0200 processing '/etc/grid-security/certificates/CNIC.crl_url'
fetch-crl[25063]: 20141023T104341+0200 updating CRL 'Root Certificate Authority at CNIC (b2771d44)'
fetch-crl[25063]: 20141023T104341+0200 File /etc/grid-security/certificates/b2771d44.r0 valid: yes
fetch-crl[25063]: 20141023T104341+0200 File /etc/grid-security/certificates/b2771d44.r0.W26543 valid: yes
fetch-crl[25063]: 20141023T104341+0200 File /etc/grid-security/certificates/b2771d44.r0 valid: yes
fetch-crl[25063]: 20141023T104342+0200 processing '/etc/grid-security/certificates/CNRS2.crl_url'
fetch-crl[25063]: 20141023T104342+0200 updating CRL 'CNRS2 (163af95c)'
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/163af95c.r0 valid: yes
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/163af95c.r0.k26611 valid: yes
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/163af95c.r0 valid: yes
fetch-crl[25063]: 20141023T104342+0200 processing '/etc/grid-security/certificates/CNRS2-Grid-FR.crl_url'
fetch-crl[25063]: 20141023T104342+0200 updating CRL 'GRID2-FR (d11f973e)'
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/d11f973e.r0 valid: yes
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/d11f973e.r0.u26679 valid: yes

fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/d11f973e.r0 valid: yes
fetch-crl[25063]: 20141023T104342+0200 processing '/etc/grid-security/certificates/CNRS2-Projets.crl_url'
fetch-crl[25063]: 20141023T104342+0200 updating CRL 'CNRS2-Projets (09ff08b7)'
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/09ff08b7.r0 valid: yes
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/09ff08b7.r0.z26747 valid: yes
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/09ff08b7.r0 valid: yes
fetch-crl[25063]: 20141023T104342+0200 processing '/etc/grid-security/certificates/COMODO-RSA-CA.crl_url'
fetch-crl[25063]: 20141023T104342+0200 updating CRL 'COMODO RSA Certification Authority (d4c339cb)'
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/d4c339cb.r0 valid: yes
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/d4c339cb.r0.e26818 valid: yes
fetch-crl[25063]: 20141023T104342+0200 File /etc/grid-security/certificates/d4c339cb.r0 valid: yes
fetch-crl[25063]: 20141023T104342+0200 processing '/etc/grid-security/certificates/CyGrid.crl_url'
fetch-crl[25063]: 20141023T104343+0200 updating CRL 'CyGridCA (afe55e66)'
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/afe55e66.r0 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/afe55e66.r0.y26886 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/afe55e66.r0 valid: yes
fetch-crl[25063]: 20141023T104343+0200 processing '/etc/grid-security/certificates/DFN-GridGermany-Root.crl_url'
fetch-crl[25063]: 20141023T104343+0200 updating CRL 'DFN-Verein PCA Grid - G01 (1149214e)'
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/1149214e.r0 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/1149214e.r0.G26957 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/1149214e.r0 valid: yes
fetch-crl[25063]: 20141023T104343+0200 processing '/etc/grid-security/certificates/DFN-SLCS.crl_url'
fetch-crl[25063]: 20141023T104343+0200 updating CRL 'DFN SLCS-CA (a02131f7)'
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/a02131f7.r0 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/a02131f7.r0.W27028 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/a02131f7.r0 valid: yes

fetch-crl[25063]: 20141023T104343+0200 processing '/etc/grid-security/certificates/DigiCertAssuredIDRootCA-Root.crl_url'
fetch-crl[25063]: 20141023T104343+0200 updating CRL 'DigiCert Assured ID Root CA (69105f4f)'
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/69105f4f.r0 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/69105f4f.r0.t27099 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/69105f4f.r0 valid: yes
fetch-crl[25063]: 20141023T104343+0200 processing '/etc/grid-security/certificates/DigiCertGridCA-1-Classic.crl_url'
fetch-crl[25063]: 20141023T104343+0200 updating CRL 'DigiCert Grid CA-1 (c7a717ce)'
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/c7a717ce.r0 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/c7a717ce.r0.X27170 valid: yes
fetch-crl[25063]: 20141023T104343+0200 File /etc/grid-security/certificates/c7a717ce.r0 valid: yes
fetch-crl[25063]: 20141023T104343+0200 processing '/etc/grid-security/certificates/DigiCertGridCA-1G2-Classic.crl_url'
fetch-crl[25063]: 20141023T104343+0200 updating CRL 'DigiCert Grid CA-1 G2 (1cdf1cd9)'
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/1cdf1cd9.r0 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/1cdf1cd9.r0.T27241 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/1cdf1cd9.r0 valid: yes
fetch-crl[25063]: 20141023T104344+0200 processing '/etc/grid-security/certificates/DigiCertGridRootCA-Root.crl_url'
fetch-crl[25063]: 20141023T104344+0200 updating CRL 'DigiCert Grid Root CA (2694e4f2)'
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/2694e4f2.r0 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/2694e4f2.r0.E27312 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/2694e4f2.r0 valid: yes
fetch-crl[25063]: 20141023T104344+0200 processing '/etc/grid-security/certificates/DigiCertGridTrustCA-Classic.crl_url'
fetch-crl[25063]: 20141023T104344+0200 updating CRL 'DigiCert Grid Trust CA (38f7145f)'
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/38f7145f.r0 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/38f7145f.r0.c27383 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/38f7145f.r0 valid: yes

fetch-crl[25063]: 20141023T104344+0200 processing '/etc/grid-security/certificates/DigiCertGridTrustCAG2-Classic.crl_url'
fetch-crl[25063]: 20141023T104344+0200 updating CRL 'DigiCert Grid Trust CA G2 (5d9ea26d)'
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/5d9ea26d.r0 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/5d9ea26d.r0.g27454 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/5d9ea26d.r0 valid: yes
fetch-crl[25063]: 20141023T104344+0200 processing '/etc/grid-security/certificates/DZeScience.crl_url'
fetch-crl[25063]: 20141023T104344+0200 updating CRL 'DZ e-Science CA (0a49430a)'
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/0a49430a.r0 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/0a49430a.r0.i27525 valid: yes
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/0a49430a.r0 valid: yes
fetch-crl[25063]: 20141023T104344+0200 processing '/etc/grid-security/certificates/EG-GRID.crl_url'
fetch-crl[25063]: 20141023T104344+0200 updating CRL 'EG-GRID Certification Authority (4a96b1ea)'
fetch-crl[25063]: 20141023T104344+0200 File /etc/grid-security/certificates/4a96b1ea.r0 valid: yes
fetch-crl[25063]: 20141023T104345+0200 File /etc/grid-security/certificates/4a96b1ea.r0.N27596 valid: yes
fetch-crl[25063]: 20141023T104345+0200 File /etc/grid-security/certificates/4a96b1ea.r0 valid: yes
fetch-crl[25063]: 20141023T104345+0200 processing '/etc/grid-security/certificates/FNAL-SLCS.crl_url'
fetch-crl[25063]: 20141023T104345+0200 updating CRL 'Kerberized CA HSM (99f9f5a3)'
fetch-crl[25063]: 20141023T104345+0200 File /etc/grid-security/certificates/99f9f5a3.r0 valid: yes
fetch-crl[25063]: 20141023T104345+0200 File /etc/grid-security/certificates/99f9f5a3.r0.b27669 valid: yes
fetch-crl[25063]: 20141023T104345+0200 File /etc/grid-security/certificates/99f9f5a3.r0 valid: yes
fetch-crl[25063]: 20141023T104345+0200 processing '/etc/grid-security/certificates/GermanGrid.crl_url'
fetch-crl[25063]: 20141023T104345+0200 updating CRL 'GridKa-CA (dd4b34ea)'
fetch-crl[25063]: 20141023T104345+0200 File /etc/grid-security/certificates/dd4b34ea.r0 valid: yes
fetch-crl[25063]: 20141023T104345+0200 File /etc/grid-security/certificates/dd4b34ea.r0.H27737 valid: yes
fetch-crl[25063]: 20141023T104345+0200 File /etc/grid-security/certificates/dd4b34ea.r0 valid: yes

fetch-crl[25063]: 20141023T104345+0200 processing '/etc/grid-security/certificates/GridCanada.crl_url'
fetch-crl[25063]: 20141023T104346+0200 updating CRL 'Grid Canada Certificate Authority (bffb7d0)'
fetch-crl[25063]: 20141023T104346+0200 File /etc/grid-security/certificates/bffb7d0.r0 valid: yes
fetch-crl[25063]: 20141023T104346+0200 File /etc/grid-security/certificates/bffb7d0.r0.d27805 valid: yes
fetch-crl[25063]: 20141023T104346+0200 File /etc/grid-security/certificates/bffb7d0.r0 valid: yes
fetch-crl[25063]: 20141023T104346+0200 processing '/etc/grid-security/certificates/HellasGrid-CA-2006.crl_url'
fetch-crl[25063]: 20141023T104346+0200 updating CRL 'HellasGrid CA 2006 (82b36fca)'
fetch-crl[25063]: 20141023T104346+0200 File /etc/grid-security/certificates/82b36fca.r0 valid: yes
fetch-crl[25063]: 20141023T104346+0200 File /etc/grid-security/certificates/82b36fca.r0.N27876 valid: yes
fetch-crl[25063]: 20141023T104347+0200 File /etc/grid-security/certificates/82b36fca.r0 valid: yes
fetch-crl[25063]: 20141023T104347+0200 processing '/etc/grid-security/certificates/HellasGrid-Root.crl_url'
fetch-crl[25063]: 20141023T104347+0200 updating CRL 'HellasGrid Root CA 2006 (28a58577)'
fetch-crl[25063]: 20141023T104347+0200 File /etc/grid-security/certificates/28a58577.r0 valid: yes
fetch-crl[25063]: 20141023T104347+0200 File /etc/grid-security/certificates/28a58577.r0.H27947 valid: yes
fetch-crl[25063]: 20141023T104347+0200 File /etc/grid-security/certificates/28a58577.r0 valid: yes
fetch-crl[25063]: 20141023T104347+0200 processing '/etc/grid-security/certificates/HIAST.crl_url'
fetch-crl[25063]: 20141023T104347+0200 updating CRL 'HIAST GRID CA (74c6eaeab)'
fetch-crl[25063]: 20141023T104347+0200 File /etc/grid-security/certificates/74c6eaeab.r0 valid: yes
fetch-crl[25063]: 20141023T104347+0200 File /etc/grid-security/certificates/74c6eaeab.r0.o28018 valid: yes
fetch-crl[25063]: 20141023T104347+0200 File /etc/grid-security/certificates/74c6eaeab.r0 valid: yes
fetch-crl[25063]: 20141023T104347+0200 processing '/etc/grid-security/certificates/HKU.crl_url'
fetch-crl[25063]: 20141023T104348+0200 updating CRL 'HKU Grid CA (4798da47)'
fetch-crl[25063]: 20141023T104348+0200 File /etc/grid-security/certificates/4798da47.r0 valid: yes
fetch-crl[25063]: 20141023T104348+0200 File /etc/grid-security/certificates/4798da47.r0.g28087 valid: yes
fetch-crl[25063]: 20141023T104348+0200 File /etc/grid-security/certificates/4798da47.r0 valid: yes

fetch-crl[25063]: 20141023T104348+0200 processing '/etc/grid-security/certificates/HPCI.crl_url'
fetch-crl[25063]: 20141023T104349+0200 updating CRL 'HPCI CA (30351739)'
fetch-crl[25063]: 20141023T104349+0200 File /etc/grid-security/certificates/30351739.r0 valid: yes
fetch-crl[25063]: 20141023T104349+0200 File /etc/grid-security/certificates/30351739.r0.k28155 valid: yes
fetch-crl[25063]: 20141023T104349+0200 File /etc/grid-security/certificates/30351739.r0 valid: yes
fetch-crl[25063]: 20141023T104349+0200 processing '/etc/grid-security/certificates/IGCA.crl_url'
fetch-crl[25063]: 20141023T104350+0200 updating CRL 'Indian Grid Certification Authority (da75f6a8)'
fetch-crl[25063]: 20141023T104350+0200 File /etc/grid-security/certificates/da75f6a8.r0 valid: yes
fetch-crl[25063]: 20141023T104350+0200 File /etc/grid-security/certificates/da75f6a8.r0.Q28223 valid: yes
fetch-crl[25063]: 20141023T104350+0200 File /etc/grid-security/certificates/da75f6a8.r0 valid: yes
fetch-crl[25063]: 20141023T104350+0200 processing '/etc/grid-security/certificates/IHEP-2013.crl_url'
fetch-crl[25063]: 20141023T104350+0200 updating CRL 'Institute of High Energy Physics Certification Authority (39d30eba)'
fetch-crl[25063]: 20141023T104350+0200 File /etc/grid-security/certificates/39d30eba.r0 valid: yes
fetch-crl[25063]: 20141023T104350+0200 File /etc/grid-security/certificates/39d30eba.r0.K28294 valid: yes
fetch-crl[25063]: 20141023T104350+0200 File /etc/grid-security/certificates/39d30eba.r0 valid: yes
fetch-crl[25063]: 20141023T104351+0200 processing '/etc/grid-security/certificates/InCommon-IGTF-Server-CA.crl_url'
fetch-crl[25063]: 20141023T104351+0200 updating CRL 'InCommon IGTF Server CA (f5f0dfc2)'
fetch-crl[25063]: 20141023T104351+0200 File /etc/grid-security/certificates/f5f0dfc2.r0 valid: yes
fetch-crl[25063]: 20141023T104351+0200 File /etc/grid-security/certificates/f5f0dfc2.r0.J28365 valid: yes
fetch-crl[25063]: 20141023T104351+0200 File /etc/grid-security/certificates/f5f0dfc2.r0 valid: yes
fetch-crl[25063]: 20141023T104351+0200 processing '/etc/grid-security/certificates/INFN-CA-2006.crl_url'
fetch-crl[25063]: 20141023T104351+0200 updating CRL 'INFN CA (2f3fadf6)'
fetch-crl[25063]: 20141023T104351+0200 File /etc/grid-security/certificates/2f3fadf6.r0 valid: yes
fetch-crl[25063]: 20141023T104351+0200 File /etc/grid-security/certificates/2f3fadf6.r0.E28436 valid: yes
fetch-crl[25063]: 20141023T104351+0200 File /etc/grid-security/certificates/2f3fadf6.r0 valid: yes
fetch-crl[25063]: 20141023T104351+0200 processing '/etc/grid-security/certificates/IRAN-GRID.crl_url'

fetch-crl[25063]: 20141023T104352+0200 updating CRL 'IRAN-GRID CA (ce33db76)'
fetch-crl[25063]: 20141023T104352+0200 File /etc/grid-security/certificates/ce33db76.r0 valid: yes
fetch-crl[25063]: 20141023T104352+0200 File /etc/grid-security/certificates/ce33db76.r0.B28508 valid: yes
fetch-crl[25063]: 20141023T104352+0200 File /etc/grid-security/certificates/ce33db76.r0 valid: yes
fetch-crl[25063]: 20141023T104352+0200 processing '/etc/grid-security/certificates/KEK.crl_url'
fetch-crl[25063]: 20141023T104353+0200 updating CRL 'KEK GRID Certificate Authority (617ff41b)'
fetch-crl[25063]: 20141023T104353+0200 File /etc/grid-security/certificates/617ff41b.r0 valid: yes
fetch-crl[25063]: 20141023T104353+0200 File /etc/grid-security/certificates/617ff41b.r0.f28578 valid: yes
fetch-crl[25063]: 20141023T104353+0200 File /etc/grid-security/certificates/617ff41b.r0 valid: yes
fetch-crl[25063]: 20141023T104353+0200 processing '/etc/grid-security/certificates/KISTI-2007.crl_url'
fetch-crl[25063]: 20141023T104357+0200 updating CRL 'KISTI Grid Certificate Authority (722e5071)'
fetch-crl[25063]: 20141023T104357+0200 File /etc/grid-security/certificates/722e5071.r0 valid: yes
fetch-crl[25063]: 20141023T104358+0200 File /etc/grid-security/certificates/722e5071.r0.W28650 valid: yes
fetch-crl[25063]: 20141023T104358+0200 File /etc/grid-security/certificates/722e5071.r0 valid: yes
fetch-crl[25063]: 20141023T104358+0200 processing '/etc/grid-security/certificates/LACGridCA.crl_url'
fetch-crl[25063]: 20141023T104359+0200 updating CRL 'UFF Latin American and Caribbean Catch-all Grid CA (a9082267)'
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/a9082267.r0 valid: yes
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/a9082267.r0.D28721 valid: yes
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/a9082267.r0 valid: yes
fetch-crl[25063]: 20141023T104359+0200 processing '/etc/grid-security/certificates/LIPCA.crl_url'
fetch-crl[25063]: 20141023T104359+0200 updating CRL 'LIP Certification Authority (11b4a5a2)'
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/11b4a5a2.r0 valid: yes
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/11b4a5a2.r0.E28792 valid: yes
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/11b4a5a2.r0 valid: yes
fetch-crl[25063]: 20141023T104359+0200 processing '/etc/grid-security/certificates/MaGrid.crl_url'
fetch-crl[25063]: 20141023T104359+0200 updating CRL 'MaGrid CA (7b54708e)'

fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/7b54708e.r0 valid: yes
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/7b54708e.r0.y28860 valid: yes
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/7b54708e.r0 valid: yes
fetch-crl[25063]: 20141023T104359+0200 processing '/etc/grid-security/certificates/MARGI.crl_url'
fetch-crl[25063]: 20141023T104359+0200 updating CRL 'MARGI-CA (7d0d064a)'
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/7d0d064a.r0 valid: yes
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/7d0d064a.r0.d28931 valid: yes
fetch-crl[25063]: 20141023T104359+0200 File /etc/grid-security/certificates/7d0d064a.r0 valid: yes
fetch-crl[25063]: 20141023T104359+0200 processing '/etc/grid-security/certificates/MD-Grid.crl_url'
fetch-crl[25063]: 20141023T104400+0200 updating CRL 'MD-Grid CA (9ff26ea4)'
fetch-crl[25063]: 20141023T104400+0200 File /etc/grid-security/certificates/9ff26ea4.r0 valid: yes
fetch-crl[25063]: 20141023T104400+0200 File /etc/grid-security/certificates/9ff26ea4.r0.a29002 valid: yes
fetch-crl[25063]: 20141023T104400+0200 File /etc/grid-security/certificates/9ff26ea4.r0 valid: yes
fetch-crl[25063]: 20141023T104400+0200 processing '/etc/grid-security/certificates/MREN-CA.crl_url'
fetch-crl[25063]: 20141023T104400+0200 updating CRL 'MREN-CA (3232b9bc)'
fetch-crl[25063]: 20141023T104400+0200 File /etc/grid-security/certificates/3232b9bc.r0 valid: yes
fetch-crl[25063]: 20141023T104400+0200 File /etc/grid-security/certificates/3232b9bc.r0.s29073 valid: yes
fetch-crl[25063]: 20141023T104400+0200 File /etc/grid-security/certificates/3232b9bc.r0 valid: yes
fetch-crl[25063]: 20141023T104400+0200 processing '/etc/grid-security/certificates/MYIFAM.crl_url'
fetch-crl[25063]: 20141023T104401+0200 updating CRL 'Malaysian Identity Federation and Access Management (d33760ec)'
fetch-crl[25063]: 20141023T104401+0200 File /etc/grid-security/certificates/d33760ec.r0 valid: yes
fetch-crl[25063]: 20141023T104401+0200 File /etc/grid-security/certificates/d33760ec.r0.c29141 valid: yes
fetch-crl[25063]: 20141023T104401+0200 File /etc/grid-security/certificates/d33760ec.r0 valid: yes
fetch-crl[25063]: 20141023T104401+0200 processing '/etc/grid-security/certificates/NAREGI.crl_url'
fetch-crl[25063]: 20141023T104402+0200 updating CRL 'NAREGI CA (a87d9192)'
fetch-crl[25063]: 20141023T104402+0200 File /etc/grid-security/certificates/a87d9192.r0 valid: yes
fetch-crl[25063]: 20141023T104402+0200 File /etc/grid-security/certificates/a87d9192.r0.f29212 valid: yes

fetch-crl[25063]: 20141023T104402+0200 File /etc/grid-security/certificates/a87d9192.r0 valid: yes
fetch-crl[25063]: 20141023T104402+0200 processing '/etc/grid-security/certificates/NCHC.crl_url'
fetch-crl[25063]: 20141023T104403+0200 updating CRL 'NCHC CA (71a89a47)'
fetch-crl[25063]: 20141023T104403+0200 File /etc/grid-security/certificates/71a89a47.r0 valid: yes
fetch-crl[25063]: 20141023T104403+0200 File /etc/grid-security/certificates/71a89a47.r0.k29283 valid: yes
fetch-crl[25063]: 20141023T104403+0200 File /etc/grid-security/certificates/71a89a47.r0 valid: yes
fetch-crl[25063]: 20141023T104403+0200 processing '/etc/grid-security/certificates/NCSA-mics.crl_url'
fetch-crl[25063]: 20141023T104404+0200 updating CRL 'CACL (9b95bbf2)'
fetch-crl[25063]: 20141023T104404+0200 File /etc/grid-security/certificates/9b95bbf2.r0 valid: yes
fetch-crl[25063]: 20141023T104404+0200 File /etc/grid-security/certificates/9b95bbf2.r0.G29351 valid: yes
fetch-crl[25063]: 20141023T104404+0200 File /etc/grid-security/certificates/9b95bbf2.r0 valid: yes
fetch-crl[25063]: 20141023T104404+0200 processing '/etc/grid-security/certificates/NCSA-slcs-2013.crl_url'
fetch-crl[25063]: 20141023T104404+0200 updating CRL 'MyProxy CA 2013 (c36f6349)'
fetch-crl[25063]: 20141023T104404+0200 File /etc/grid-security/certificates/c36f6349.r0 valid: yes
fetch-crl[25063]: 20141023T104404+0200 File /etc/grid-security/certificates/c36f6349.r0.X29422 valid: yes
fetch-crl[25063]: 20141023T104404+0200 File /etc/grid-security/certificates/c36f6349.r0 valid: yes
fetch-crl[25063]: 20141023T104404+0200 processing '/etc/grid-security/certificates/NCSA-slcs.crl_url'
fetch-crl[25063]: 20141023T104405+0200 updating CRL 'MyProxy (f2e89fe3)'
fetch-crl[25063]: 20141023T104405+0200 File /etc/grid-security/certificates/f2e89fe3.r0 valid: yes
fetch-crl[25063]: 20141023T104405+0200 File /etc/grid-security/certificates/f2e89fe3.r0.V29490 valid: yes
fetch-crl[25063]: 20141023T104405+0200 File /etc/grid-security/certificates/f2e89fe3.r0 valid: yes
fetch-crl[25063]: 20141023T104405+0200 processing '/etc/grid-security/certificates/NCSA-tfca-2013.crl_url'
fetch-crl[25063]: 20141023T104405+0200 updating CRL 'Two Factor CA 2013 (ca157cee)'
fetch-crl[25063]: 20141023T104405+0200 File /etc/grid-security/certificates/ca157cee.r0 valid: yes
fetch-crl[25063]: 20141023T104406+0200 File /etc/grid-security/certificates/ca157cee.r0.y29561 valid: yes
fetch-crl[25063]: 20141023T104406+0200 File /etc/grid-security/certificates/ca157cee.r0 valid: yes

fetch-crl[25063]: 20141023T104406+0200 processing '/etc/grid-security/certificates/NECTEC.crl_url'
fetch-crl[25063]: 20141023T104406+0200 updating CRL 'NECTEC GOC CA (8a047de1)'
fetch-crl[25063]: 20141023T104406+0200 File /etc/grid-security/certificates/8a047de1.r0 valid: yes
fetch-crl[25063]: 20141023T104406+0200 File /etc/grid-security/certificates/8a047de1.r0.U29632 valid: yes
fetch-crl[25063]: 20141023T104406+0200 File /etc/grid-security/certificates/8a047de1.r0 valid: yes
fetch-crl[25063]: 20141023T104406+0200 processing '/etc/grid-security/certificates/NERSC-SLCS.crl_url'
fetch-crl[25063]: 20141023T104407+0200 updating CRL 'NERSC Online CA (b93d6240)'
fetch-crl[25063]: 20141023T104407+0200 File /etc/grid-security/certificates/b93d6240.r0 valid: yes
fetch-crl[25063]: 20141023T104407+0200 File /etc/grid-security/certificates/b93d6240.r0.H29704 valid: yes
fetch-crl[25063]: 20141023T104407+0200 File /etc/grid-security/certificates/b93d6240.r0 valid: yes
fetch-crl[25063]: 20141023T104407+0200 processing '/etc/grid-security/certificates/NICS-MyProxy.crl_url'
fetch-crl[25063]: 20141023T104408+0200 updating CRL 'MyProxy (dc75341f)'
fetch-crl[25063]: 20141023T104408+0200 File /etc/grid-security/certificates/dc75341f.r0 valid: yes
fetch-crl[25063]: 20141023T104408+0200 File /etc/grid-security/certificates/dc75341f.r0.L29775 valid: yes
fetch-crl[25063]: 20141023T104408+0200 File /etc/grid-security/certificates/dc75341f.r0 valid: yes
fetch-crl[25063]: 20141023T104408+0200 processing '/etc/grid-security/certificates/NIIF.crl_url'
fetch-crl[25063]: 20141023T104408+0200 updating CRL 'NIIF Root CA (cc800af0)'
fetch-crl[25063]: 20141023T104408+0200 File /etc/grid-security/certificates/cc800af0.r0 valid: yes
fetch-crl[25063]: 20141023T104408+0200 File /etc/grid-security/certificates/cc800af0.r0.z29843 valid: yes
fetch-crl[25063]: 20141023T104408+0200 File /etc/grid-security/certificates/cc800af0.r0 valid: yes
fetch-crl[25063]: 20141023T104408+0200 processing '/etc/grid-security/certificates/NIKHEF.crl_url'
fetch-crl[25063]: 20141023T104408+0200 updating CRL 'NIKHEF medium-security certification auth (16da7552)'
fetch-crl[25063]: 20141023T104409+0200 File /etc/grid-security/certificates/16da7552.r0 valid: yes
fetch-crl[25063]: 20141023T104409+0200 File /etc/grid-security/certificates/16da7552.r0.H29911 valid: yes
fetch-crl[25063]: 20141023T104409+0200 File /etc/grid-security/certificates/16da7552.r0 valid: yes
fetch-crl[25063]: 20141023T104409+0200 processing '/etc/grid-security/certificates/NorduGrid.crl_url'

fetch-crl[25063]: 20141023T104409+0200 updating CRL 'NorduGrid Certification Authority (1f0e8352)'
fetch-crl[25063]: 20141023T104409+0200 File /etc/grid-security/certificates/1f0e8352.r0 valid: yes
fetch-crl[25063]: 20141023T104409+0200 File /etc/grid-security/certificates/1f0e8352.r0.j29979 valid: yes
fetch-crl[25063]: 20141023T104409+0200 File /etc/grid-security/certificates/1f0e8352.r0 valid: yes
fetch-crl[25063]: 20141023T104409+0200 processing '/etc/grid-security/certificates/PK-Grid-2007.crl_url'
fetch-crl[25063]: 20141023T104410+0200 updating CRL 'PK-GRID-CA (f5ead794)'
fetch-crl[25063]: 20141023T104410+0200 File /etc/grid-security/certificates/f5ead794.r0 valid: yes
fetch-crl[25063]: 20141023T104410+0200 File /etc/grid-security/certificates/f5ead794.r0.W30051 valid: yes
fetch-crl[25063]: 20141023T104410+0200 File /etc/grid-security/certificates/f5ead794.r0 valid: yes
fetch-crl[25063]: 20141023T104410+0200 processing '/etc/grid-security/certificates/pkIRISGrid.crl_url'
fetch-crl[25063]: 20141023T104410+0200 updating CRL 'IRISGridCA (9dd23746)'
fetch-crl[25063]: 20141023T104410+0200 File /etc/grid-security/certificates/9dd23746.r0 valid: yes
fetch-crl[25063]: 20141023T104410+0200 File /etc/grid-security/certificates/9dd23746.r0.P30119 valid: yes
fetch-crl[25063]: 20141023T104410+0200 File /etc/grid-security/certificates/9dd23746.r0 valid: yes
fetch-crl[25063]: 20141023T104410+0200 processing '/etc/grid-security/certificates/PolishGrid.crl_url'
fetch-crl[25063]: 20141023T104411+0200 updating CRL 'Polish Grid CA (8a661490)'
fetch-crl[25063]: 20141023T104411+0200 File /etc/grid-security/certificates/8a661490.r0 valid: yes
fetch-crl[25063]: 20141023T104411+0200 File /etc/grid-security/certificates/8a661490.r0.s30187 valid: yes
fetch-crl[25063]: 20141023T104411+0200 File /etc/grid-security/certificates/8a661490.r0 valid: yes
fetch-crl[25063]: 20141023T104411+0200 processing '/etc/grid-security/certificates/PSC-Myproxy-CA.crl_url'
fetch-crl[25063]: 20141023T104411+0200 updating CRL 'PSC MyProxy CA (4b2783ac)'
fetch-crl[25063]: 20141023T104411+0200 File /etc/grid-security/certificates/4b2783ac.r0 valid: yes
fetch-crl[25063]: 20141023T104411+0200 File /etc/grid-security/certificates/4b2783ac.r0.l30258 valid: yes
fetch-crl[25063]: 20141023T104412+0200 File /etc/grid-security/certificates/4b2783ac.r0 valid: yes
fetch-crl[25063]: 20141023T104412+0200 processing '/etc/grid-security/certificates/QuoVadis-Grid-ICA.crl_url'
fetch-crl[25063]: 20141023T104412+0200 updating CRL 'QuoVadis Grid ICA (e72045ce)'

fetch-crl[25063]: 20141023T104412+0200 File /etc/grid-security/certificates/e72045ce.r0 valid: yes
fetch-crl[25063]: 20141023T104412+0200 File /etc/grid-security/certificates/e72045ce.r0.u30329 valid: yes
fetch-crl[25063]: 20141023T104412+0200 File /etc/grid-security/certificates/e72045ce.r0 valid: yes
fetch-crl[25063]: 20141023T104412+0200 processing '/etc/grid-security/certificates/QuoVadis-Root-CA1.crl_url'
fetch-crl[25063]: 20141023T104413+0200 updating CRL 'QuoVadis Root Certification Authority (5cf9d536)'
fetch-crl[25063]: 20141023T104413+0200 File /etc/grid-security/certificates/5cf9d536.r0 valid: yes
fetch-crl[25063]: 20141023T104413+0200 File /etc/grid-security/certificates/5cf9d536.r0.J30400 valid: yes
fetch-crl[25063]: 20141023T104413+0200 File /etc/grid-security/certificates/5cf9d536.r0 valid: yes
fetch-crl[25063]: 20141023T104413+0200 processing '/etc/grid-security/certificates/RDIG.crl_url'
fetch-crl[25063]: 20141023T104413+0200 updating CRL 'Russian Data-Intensive Grid CA (55994d72)'
fetch-crl[25063]: 20141023T104413+0200 File /etc/grid-security/certificates/55994d72.r0 valid: yes
fetch-crl[25063]: 20141023T104413+0200 File /etc/grid-security/certificates/55994d72.r0.E30468 valid: yes
fetch-crl[25063]: 20141023T104413+0200 File /etc/grid-security/certificates/55994d72.r0 valid: yes
fetch-crl[25063]: 20141023T104413+0200 processing '/etc/grid-security/certificates/REUNA-ca.crl_url'
fetch-crl[25063]: 20141023T104414+0200 updating CRL 'REUNA Certification Authority (295adc19)'
fetch-crl[25063]: 20141023T104414+0200 File /etc/grid-security/certificates/295adc19.r0 valid: yes
fetch-crl[25063]: 20141023T104414+0200 File /etc/grid-security/certificates/295adc19.r0.b30539 valid: yes
fetch-crl[25063]: 20141023T104414+0200 File /etc/grid-security/certificates/295adc19.r0 valid: yes
fetch-crl[25063]: 20141023T104414+0200 processing '/etc/grid-security/certificates/RomanianGRID.crl_url'
fetch-crl[25063]: 20141023T104414+0200 updating CRL 'RomanianGRID CA (1f3834d0)'
fetch-crl[25063]: 20141023T104414+0200 File /etc/grid-security/certificates/1f3834d0.r0 valid: yes
fetch-crl[25063]: 20141023T104414+0200 File /etc/grid-security/certificates/1f3834d0.r0.b30610 valid: yes
fetch-crl[25063]: 20141023T104414+0200 File /etc/grid-security/certificates/1f3834d0.r0 valid: yes
fetch-crl[25063]: 20141023T104414+0200 processing '/etc/grid-security/certificates/SDG.crl_url'
fetch-crl[25063]: 20141023T104415+0200 updating CRL 'Scientific Data Grid CA (c48c63f3)'

fetch-crl[25063]: 20141023T104415+0200 File /etc/grid-security/certificates/c48c63f3.r0 valid: yes
fetch-crl[25063]: 20141023T104415+0200 File /etc/grid-security/certificates/c48c63f3.r0.y30678 valid: yes
fetch-crl[25063]: 20141023T104415+0200 File /etc/grid-security/certificates/c48c63f3.r0 valid: yes
fetch-crl[25063]: 20141023T104415+0200 processing '/etc/grid-security/certificates/seegrid-ca-2013.crl_url'
fetch-crl[25063]: 20141023T104415+0200 updating CRL 'SEE-GRID CA 2013 (da213f5b)'
fetch-crl[25063]: 20141023T104415+0200 File /etc/grid-security/certificates/da213f5b.r0 valid: yes
fetch-crl[25063]: 20141023T104415+0200 File /etc/grid-security/certificates/da213f5b.r0.Q30746 valid: yes
fetch-crl[25063]: 20141023T104415+0200 File /etc/grid-security/certificates/da213f5b.r0 valid: yes
fetch-crl[25063]: 20141023T104415+0200 processing '/etc/grid-security/certificates/SiGNET-CA.crl_url'
fetch-crl[25063]: 20141023T104416+0200 updating CRL 'SiGNET CA (3d5be7bc)'
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/3d5be7bc.r0 valid: yes
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/3d5be7bc.r0.W30817 valid: yes
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/3d5be7bc.r0 valid: yes
fetch-crl[25063]: 20141023T104416+0200 processing '/etc/grid-security/certificates/SlovakGrid.crl_url'
fetch-crl[25063]: 20141023T104416+0200 updating CRL 'SlovakGrid CA (e13e0fcf)'
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/e13e0fcf.r0 valid: yes
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/e13e0fcf.r0.u30888 valid: yes
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/e13e0fcf.r0 valid: yes
fetch-crl[25063]: 20141023T104416+0200 processing '/etc/grid-security/certificates/SRCE.crl_url'
fetch-crl[25063]: 20141023T104416+0200 updating CRL 'SRCE CA (ff94d436)'
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/ff94d436.r0 valid: yes
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/ff94d436.r0.T30959 valid: yes
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/ff94d436.r0 valid: yes
fetch-crl[25063]: 20141023T104416+0200 processing '/etc/grid-security/certificates/TERENAeSciencePersonalCA2.crl_url'
fetch-crl[25063]: 20141023T104416+0200 updating CRL 'TERENA eScience Personal CA 2 (ac2d1719)'
fetch-crl[25063]: 20141023T104416+0200 File /etc/grid-security/certificates/ac2d1719.r0 valid: yes

fetch-crl[25063]: 20141023T104416+0200 processing '/etc/grid-security/certificates/TERENAeSciencePersonalCA.crl_url'
fetch-crl[25063]: 20141023T104417+0200 updating CRL 'TERENA eScience Personal CA (169d7f9c)'
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/169d7f9c.r0 valid: yes
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/169d7f9c.r0.Y31081 valid: yes
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/169d7f9c.r0 valid: yes
fetch-crl[25063]: 20141023T104417+0200 processing '/etc/grid-security/certificates/TERENA-eScience-SSL-CA-2.crl_url'
fetch-crl[25063]: 20141023T104417+0200 updating CRL 'TERENA eScience SSL CA 2 (29a95392)'
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/29a95392.r0 valid: yes
fetch-crl[25063]: 20141023T104417+0200 processing '/etc/grid-security/certificates/TERENA-eScience-SSL-CA.crl_url'
fetch-crl[25063]: 20141023T104417+0200 updating CRL 'TERENA eScience SSL CA (20ce830e)'
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/20ce830e.r0 valid: yes
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/20ce830e.r0.e31203 valid: yes
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/20ce830e.r0 valid: yes
fetch-crl[25063]: 20141023T104417+0200 processing '/etc/grid-security/certificates/TRGrid.crl_url'
fetch-crl[25063]: 20141023T104417+0200 updating CRL 'TR-Grid CA (1691b9ba)'
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/1691b9ba.r0 valid: yes
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/1691b9ba.r0.T31274 valid: yes
fetch-crl[25063]: 20141023T104417+0200 File /etc/grid-security/certificates/1691b9ba.r0 valid: yes
fetch-crl[25063]: 20141023T104417+0200 processing '/etc/grid-security/certificates/UGRID.crl_url'
fetch-crl[25063]: 20141023T104418+0200 updating CRL 'UGRID CA (0a12b607)'
fetch-crl[25063]: 20141023T104418+0200 File /etc/grid-security/certificates/0a12b607.r0 valid: yes
fetch-crl[25063]: 20141023T104418+0200 File /etc/grid-security/certificates/0a12b607.r0.F31345 valid: yes
fetch-crl[25063]: 20141023T104418+0200 File /etc/grid-security/certificates/0a12b607.r0 valid: yes
fetch-crl[25063]: 20141023T104418+0200 processing '/etc/grid-security/certificates/UKeScienceCA-2A.crl_url'
fetch-crl[25063]: 20141023T104418+0200 updating CRL 'UK e-Science CA 2A (1b6f5ede)'
fetch-crl[25063]: 20141023T104418+0200 File /etc/grid-security/certificates/1b6f5ede.r0 valid: yes

fetch-crl[25063]: 20141023T104418+0200 File /etc/grid-security/certificates/1b6f5ede.r0.o31416 valid: yes
fetch-crl[25063]: 20141023T104418+0200 File /etc/grid-security/certificates/1b6f5ede.r0 valid: yes
fetch-crl[25063]: 20141023T104418+0200 processing '/etc/grid-security/certificates/UKeScienceCA-2B.crl_url'
fetch-crl[25063]: 20141023T104418+0200 updating CRL 'UK e-Science CA 2B (ffc3d59b)'
fetch-crl[25063]: 20141023T104418+0200 File /etc/grid-security/certificates/ffc3d59b.r0 valid: yes
fetch-crl[25063]: 20141023T104418+0200 File /etc/grid-security/certificates/ffc3d59b.r0.L31487 valid: yes
fetch-crl[25063]: 20141023T104418+0200 File /etc/grid-security/certificates/ffc3d59b.r0 valid: yes
fetch-crl[25063]: 20141023T104418+0200 processing '/etc/grid-security/certificates/UKeScienceRoot-2007.crl_url'
fetch-crl[25063]: 20141023T104419+0200 updating CRL 'UK e-Science Root (98ef0ee5)'
fetch-crl[25063]: 20141023T104419+0200 File /etc/grid-security/certificates/98ef0ee5.r0 valid: yes
fetch-crl[25063]: 20141023T104419+0200 File /etc/grid-security/certificates/98ef0ee5.r0.P31558 valid: yes
fetch-crl[25063]: 20141023T104419+0200 File /etc/grid-security/certificates/98ef0ee5.r0 valid: yes
fetch-crl[25063]: 20141023T104419+0200 processing '/etc/grid-security/certificates/ULAGrid-CA-2008.crl_url'
fetch-crl[25063]: 20141023T104419+0200 updating CRL 'ULAGrid Certification Authority (3f0f4285)'
fetch-crl[25063]: 20141023T104419+0200 File /etc/grid-security/certificates/3f0f4285.r0 valid: yes
fetch-crl[25063]: 20141023T104419+0200 File /etc/grid-security/certificates/3f0f4285.r0.X31629 valid: yes
fetch-crl[25063]: 20141023T104419+0200 File /etc/grid-security/certificates/3f0f4285.r0 valid: yes
fetch-crl[25063]: 20141023T104419+0200 processing '/etc/grid-security/certificates/UNAMgrid-ca.crl_url'
fetch-crl[25063]: 20141023T104421+0200 updating CRL 'CA (24c3ccde)'
fetch-crl[25063]: 20141023T104421+0200 File /etc/grid-security/certificates/24c3ccde.r0 valid: yes
fetch-crl[25063]: 20141023T104421+0200 File /etc/grid-security/certificates/24c3ccde.r0.k31700 valid: yes
fetch-crl[25063]: 20141023T104421+0200 File /etc/grid-security/certificates/24c3ccde.r0 valid: yes
fetch-crl[25063]: 20141023T104421+0200 processing '/etc/grid-security/certificates/UniandesCA.crl_url'
fetch-crl[25063]: 20141023T104422+0200 updating CRL 'Uniandes CA (fc1898ec)'
fetch-crl[25063]: 20141023T104422+0200 File /etc/grid-security/certificates/fc1898ec.r0 valid: yes
fetch-crl[25063]: 20141023T104422+0200 File /etc/grid-security/certificates/fc1898ec.r0.B31775 valid: yes

```
fetch-crl[25063]: 20141023T104422+0200 File /etc/grid-
security/certificates/fc1898ec.r0 valid: yes
fetch-crl[25063]: 20141023T104422+0200 processing '/etc/grid-
security/certificates/UNLPGrid.crl_url'
fetch-crl[25063]: 20141023T104423+0200 updating CRL 'PKIGrid (b7bcb7b2)'
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/b7bcb7b2.r0 valid: yes
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/b7bcb7b2.r0.R31846 valid: yes
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/b7bcb7b2.r0 valid: yes
fetch-crl[25063]: 20141023T104423+0200 processing '/etc/grid-
security/certificates/UTNAAAClient.crl_url'
fetch-crl[25063]: 20141023T104423+0200 updating CRL 'UTN-USERFirst-Client
Authentication and Email (9ec3a561)'
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/9ec3a561.r0 valid: yes
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/9ec3a561.r0.A31917 valid: yes
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/9ec3a561.r0 valid: yes
fetch-crl[25063]: 20141023T104423+0200 processing '/etc/grid-
security/certificates/UTN-USERFirst-Hardware.crl_url'
fetch-crl[25063]: 20141023T104423+0200 updating CRL 'UTN-USERFirst-Hardware
(ff783690)'
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/ff783690.r0 valid: yes
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/ff783690.r0.V31988 valid: yes
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/ff783690.r0 valid: yes
fetch-crl[25063]: 20141023T104423+0200 processing '/etc/grid-
security/certificates/UTN-USERTrust-RSA-CA.crl_url'
fetch-crl[25063]: 20141023T104423+0200 updating CRL 'USERTrust RSA
Certification Authority (35105088)'
fetch-crl[25063]: 20141023T104423+0200 File /etc/grid-
security/certificates/35105088.r0 valid: yes
fetch-crl[25063]: 20141023T104423+0200 Completed CRL retrieval process at
20141023T104423+0200
[root@test23 yum.repos.d]#
```

```
}}}
```

CAs were updated on all the services from the SA2 verification testbed. Everything was correct during the installation and tests are being passed correctly on our Nagios, Creams (SLURM and TORQUE) and DPM-MYSQL from the verification testbed:

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test23.egi.cesga.es>

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test31.egi.cesga.es>

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test06.egi.cesga.es>

<https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test08.egi.cesga.es>

I just would like to comment that after updating the CAs on the Nagios from verification, <https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test23.egi.cesga.es>, I can see the Nagios service is still failing the CRL test for HIAST CA :

<https://test23.egi.cesga.es/nagios/cgi-bin/extinfo.cgi?type=2&host=test23.egi.cesga.es&service=eu.egi.sec.CRL>

```
{{{  
ERROR: Some errors found. Please check details.  
Using certificates dir : /etc/grid-security/certificates  
/C=SY/O=HIAST/CN=HIAST GRID CA (HIAST.pem) CRL expired 792 hours ago  
}}}
```

But as commented on previous CAs verification (1.59-1), this is a known issue on HIAST CA and it is not due to this update.

Additional Info
