

Quality Criteria Verification Report

Product	<i>globus-default-security</i>	Release	6.0.0
Software Provider	<i>Globus</i>	RT Ticket	#7852 and #7854
Provider contact	<i>mattias.ellert@fysast.uu.se</i>		
Verifier	<i>rdiez@cesga.es</i>		
Hours worked	<i>3 hours</i>	Date	15/01/2015
Status	Accepted		

Summary

No issues found during verification process.

Related tickets

None.

Documentation Criteria

Document	Link
Release notes	http://toolkit.globus.org/toolkit/docs/6.0/
User Documentation	http://toolkit.globus.org/toolkit/docs/6.0/
API Documentation	http://toolkit.globus.org/toolkit/docs/6.0/
Admin Documentation	http://toolkit.globus.org/toolkit/docs/6.0/
Software License	http://toolkit.globus.org/toolkit/docs/6.0/

Generic Criteria

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

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

Specific QC

Basic Functionality Test

== globus-default-security.sl6.x86 ==

=== Ticket assigned ===

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=7852]]

=== Repo ==

```
{{{
[root@test26 yum.repos.d]# wget http://admin-
repo.egi.eu/sw/unverified/umd-3.globus.globus-default-
security.sl6.x86_64/6/0/0/repofiles/GLOBUS.globus-default-
security.sl6.x86_64.repo
```

```
[root@test26 yum.repos.d]# cat GLOBUS.globus-default-
security.sl6.x86_64.repo
# EGI Software Repository - REPO META
(releaseId,repositoryId,repofileId) - (7852,1779,1708)
```

```
[GLOBUS.globus-default-security.sl6.x86_64]
name=GLOBUS.globus-default-security.sl6.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.globus.globus-
default-security.sl6.x86_64/6/0/0/
enabled=1
protect=1
priority=1
pgpcheck=1
pgpkey=http://ftp.fi.muni.cz/pub/linux/fedora/epel/RPM-GPG-KEY-EPEL-6

}}}
```

== Installatiion ==

```
{{{
[root@test26 ~]# yum clean all

[root@test26 ~]# yum install globus-gsi-*

[.....]
```

Dependencies Resolved

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

Package	Repository	Arch
Version		
Size		

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

Installing:

globus-gsi-callback	x86_64
5.6-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	39 k
globus-gsi-callback-devel	x86_64
5.6-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	11 k
globus-gsi-callback-doc	noarch
5.6-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	64 k
globus-gsi-cert-utils	x86_64
9.10-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	20 k
globus-gsi-cert-utils-devel	x86_64
9.10-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	11 k
globus-gsi-cert-utils-doc	noarch
9.10-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	53 k
globus-gsi-cert-utils-progs	noarch
9.10-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	33 k
globus-gsi-credential	x86_64
7.7-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	34 k
globus-gsi-credential-devel	x86_64
7.7-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	12 k
globus-gsi-credential-doc	noarch
7.7-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	78 k
globus-gsi-openssl-error	x86_64
3.5-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	17 k
globus-gsi-openssl-error-devel	x86_64
3.5-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	9.3 k
globus-gsi-openssl-error-doc	noarch
3.5-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	48 k
globus-gsi-proxy-core	x86_64
7.7-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	33 k
globus-gsi-proxy-core-devel	x86_64
7.7-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	12 k
globus-gsi-proxy-core-doc	noarch
7.7-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	73 k
globus-gsi-proxy-ssl	x86_64
5.7-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	18 k
globus-gsi-proxy-ssl-devel	x86_64
5.7-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	11 k
globus-gsi-proxy-ssl-doc	noarch
5.7-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	42 k
globus-gsi-sysconfig	x86_64
6.8-1.el6	GLOBALUS.globus-default-
security.sl6.x86_64	28 k

```

globus-gsi-sysconfig-devel                                x86_64
6.8-1.el6                                                GLOBUS.globus-default-
security.sl6.x86_64                                      12 k
globus-gsi-sysconfig-doc                                noarch
6.8-1.el6                                                GLOBUS.globus-default-
security.sl6.x86_64                                      93 k
Installing for dependencies:
globus-common                                            x86_64
15.26-1.el6                                              GLOBUS.globus-default-
security.sl6.x86_64                                      117 k
globus-common-devel                                      x86_64
15.26-1.el6                                              GLOBUS.globus-default-
security.sl6.x86_64                                      63 k
globus-openssl-module                                    x86_64
4.6-1.el6                                                GLOBUS.globus-default-
security.sl6.x86_64                                      15 k
globus-openssl-module-devel                              x86_64
4.6-1.el6                                                GLOBUS.globus-default-
security.sl6.x86_64                                      9.3 k
libtool-ltdl                                             x86_64
2.2.6-15.5.el6                                          sl
43 k
libtool-ltdl-devel                                       x86_64
2.2.6-15.5.el6                                          sl
161 k

```

Transaction Summary

```

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

```

Install 28 Package(s)

Total download size: 1.1 M
Installed size: 4.2 M
}}}

```

{{{
[root@test26 ~]# yum install globus-proxy-utils

```

[.....]

Dependencies Resolved

```

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

```

Package Version Size	Arch Repository
=====	
=====	
=====	

```

Installing:
globus-proxy-utils                                x86_64
6.9-1.el6                                          GLOBUS.globus-default-
security.sl6.x86_64                                42 k
Installing for dependencies:
globus-callout                                    x86_64
3.13-1.el6                                          GLOBUS.globus-default-
security.sl6.x86_64                                19 k

```

```

globus-gss-assist                x86_64
10.13-1.el6                      GLOBUS.globus-default-
security.sl6.x86_64              33 k
globus-gssapi-gsi                x86_64
11.14-1.el6                      GLOBUS.globus-default-
security.sl6.x86_64              57 k

```

Transaction Summary

```

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

```

Install 4 Package(s)

Total download size: 151 k

Installed size: 322 k

}}}

{{{

```
[root@test26 ~]# yum install voms-clients
```

[.....]

Dependencies Resolved

```

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

```

Package Version Size	Arch	Repository
=====		
=====		
=====		

Installing:

```

voms-clients                x86_64
2.0.11-1                    UMD-3-updates
172 k

```

Installing for dependencies:

```

compat-expat1                x86_64
1.95.8-8.el6                 sl
59 k
openssl098e                  x86_64
0.9.8e-18.el6_5.2           sl
760 k
voms                          x86_64
2.0.11-1                    UMD-3-updates
165 k

```

Transaction Summary

```

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

```

Install 4 Package(s)

Total download size: 1.1 M

Installed size: 3.2 M

}}}

== Testing ==

```
{{{
```

```
[rdiez@test26 ~]$ export X509_CERT_DIR=/etc/grid-security/certificates
```

```
[rdiez@test26 ~]$ /usr/bin/openssl x509 -hash -noout < /etc/grid-  
security/certificates/pkIRISGrid.pem  
cd536adc
```

```
[rdiez@test26 ~]$ grid-cert-diagnostics
```

```
Checking Environment Variables
```

```
=====
```

```
Checking if HOME is set... /home/rdiez  
Checking if GLOBUS_LOCATION is set... no  
Checking for default GLOBUS_LOCATION... /usr  
Checking if X509_CERT_DIR is set... /etc/grid-security/certificates  
Checking if X509_USER_CERT is set... no  
Checking if X509_USER_KEY is set... no  
Checking if X509_USER_PROXY is set... no  
Checking if GRIDMAP is set... no
```

```
Checking Security Directories
```

```
=====
```

```
Determining trusted cert path... /etc/grid-security/certificates  
Checking for cog.properties... not found  
Checking for default gridmap location... /home/rdiez/.gridmap  
Checking if default gridmap exists... failed  
globus_sysconfig: File does not exist: /home/rdiez/.gridmap is not  
a valid file
```

```
Checking trusted certificates...
```

```
=====
```

```
Getting trusted certificate list...  
Checking CA file /etc/grid-security/certificates/56084620.0... ok  
Checking that certificate hash matches filename... ok  
Checking CA certificate name for 56084620.0...ok  
(/DC=me/DC=ac/DC=MREN/CN=MREN-CA)  
Checking if signing policy exists for 56084620.0... ok  
Verifying certificate chain for 56084620.0... ok  
[.....]
```

```
[rdiez@test26 ~]$ grid-cert-diagnostics
```

```
Checking Environment Variables
```

```
=====
```

```
Checking if HOME is set... /home/rdiez  
Checking if GLOBUS_LOCATION is set... no  
Checking for default GLOBUS_LOCATION... /usr  
Checking if X509_CERT_DIR is set... /etc/grid-security/certificates  
Checking if X509_USER_CERT is set... no  
Checking if X509_USER_KEY is set... no  
Checking if X509_USER_PROXY is set... no  
Checking if GRIDMAP is set... no
```

```
Checking Security Directories
```

```
=====
```

```
Determining trusted cert path... /etc/grid-security/certificates  
Checking for cog.properties... not found  
Checking for default gridmap location... /home/rdiez/.gridmap  
Checking if default gridmap exists... failed  
globus_sysconfig: File does not exist: /home/rdiez/.gridmap is not  
a valid file
```

Checking Default Credentials

=====

```
Determining certificate and key file names... ok
Certificate Path: "/home/rdiez/.globus/usercert.pem"
Key Path: "/home/rdiez/.globus/userkey.pem"
Reading certificate... ok
Reading private key...
ok
Checking Certificate Subject... "/DC=es/DC=irisgrid/O=cesga/CN=Robot -
Ibergrid SAM NagiosUser managed by Esteban Freire Garcia"
Checking cert... ok
Checking key... ok
Checking that certificate contains an RSA key... ok
Checking that private key is an RSA key... ok
Checking that public and private keys have the same modulus... ok
Checking certificate trust chain... ok
Checking if subject is in gridmap... error parsing gridmap
/home/rdiez/.gridmap
```

Checking trusted certificates...

=====

```
Getting trusted certificate list...
Checking CA file /etc/grid-security/certificates/56084620.0... ok
Checking that certificate hash matches filename... ok
Checking CA certificate name for 56084620.0...ok
(/DC=me/DC=ac/DC=MREN/CN=MREN-CA)
Checking if signing policy exists for 56084620.0... ok
Verifying certificate chain for 56084620.0... ok
[.....]
```

```
[rdiez@test26 ~]$ voms-proxy-init
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM
NagiosUser managed by Esteban Freire Garcia
Creating
proxy .....
Done
```

Your proxy is valid until Thu Jan 15 05:00:20 2015

```
[rdiez@test26 ~]$ grid-cert-info -sd -ed
Oct 20 11:54:16 2014 GMT
Apr 1 11:54:16 2015 GMT
```

```
[rdiez@test26 ~]$ grid-cert-info -subject
/DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM NagiosUser managed
by Esteban Freire Garcia
```

```
[rdiez@test26 ~]$ grid-cert-info -subject -rfc2253
CN=Robot - Ibergrid SAM NagiosUser managed by Esteban Freire
Garcia,O=cesga,DC=irisgrid,DC=es
}}}
```

== globus-default-security.sl5.x86 ==

=== Ticket assigned ===

* [[<https://rt.egi.eu/guest/Ticket/Display.html?id=7854>]]

=== Repo ==

```
{}  
[root@test26 yum.repos.d]# wget http://admin-  
repo.egi.eu/sw/unverified/umd-3.globus.globus-default-  
security.sl5.x86_64/6/0/0/repofiles/GLOBUS.globus-default-  
security.sl5.x86_64.repo
```

```
[root@test26 yum.repos.d]# cat GLOBUS.globus-default-  
security.sl5.x86_64.repo  
# EGI Software Repository - REPO META  
(releaseId,repositoryId,repofileId) - (7854,1780,1709)
```

```
[GLOBUS.globus-default-security.sl5.x86_64]  
name=GLOBUS.globus-default-security.sl5.x86_64  
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.globus.globus-  
default-security.sl5.x86_64/6/0/0/  
enabled=1  
protect=1  
priority=1  
gpgcheck=1  
gpgkey=http://ftp.fi.muni.cz/pub/linux/fedora/epel/RPM-GPG-KEY-EPEL-5  
}}}
```

== Installatiion ==

```
{}  
[root@test26 ~]# yum clean all  
  
[root@test26 ~]# yum install globus-gsi-  
[.....]
```

Dependencies Resolved

```
=====
```

Package	Repository	Arch
Version		
Size		
=====		
Installing:		
globus-gsi-callback		i386
5.6-1.el5	GLOBUS.globus-default-	
security.sl5.x86_64	41 k	
globus-gsi-callback		x86_64
5.6-1.el5	GLOBUS.globus-default-	
security.sl5.x86_64	43 k	
globus-gsi-callback-devel		i386
5.6-1.el5	GLOBUS.globus-default-	
security.sl5.x86_64	10 k	
globus-gsi-callback-devel		x86_64
5.6-1.el5	GLOBUS.globus-default-	
security.sl5.x86_64	10 k	

```
=====
```


globus-gsi-callback-doc	x86_64
5.6-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	54 k
globus-gsi-cert-utils	i386
9.10-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	20 k
globus-gsi-cert-utils	x86_64
9.10-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	20 k
globus-gsi-cert-utils-devel	i386
9.10-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	10 k
globus-gsi-cert-utils-devel	x86_64
9.10-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	10 k
globus-gsi-cert-utils-doc	x86_64
9.10-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	44 k
globus-gsi-cert-utils-progs	x86_64
9.10-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	34 k
globus-gsi-credential	i386
7.7-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	34 k
globus-gsi-credential	x86_64
7.7-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	37 k
globus-gsi-credential-devel	i386
7.7-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	10 k
globus-gsi-credential-devel	x86_64
7.7-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	10 k
globus-gsi-credential-doc	x86_64
7.7-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	69 k
globus-gsi-openssl-error	i386
3.5-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	16 k
globus-gsi-openssl-error	x86_64
3.5-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	17 k
globus-gsi-openssl-error-devel	i386
3.5-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	8.3 k
globus-gsi-openssl-error-devel	x86_64
3.5-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	8.3 k
globus-gsi-openssl-error-doc	x86_64
3.5-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	38 k
globus-gsi-proxy-core	i386
7.7-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	34 k
globus-gsi-proxy-core	x86_64
7.7-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	37 k
globus-gsi-proxy-core-devel	i386
7.7-1.el5	GLOBALUS.globus-default-
security.sl5.x86_64	11 k

globus-gsi-proxy-core-devel	x86_64
7.7-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	11 k
globus-gsi-proxy-core-doc	x86_64
7.7-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	65 k
globus-gsi-proxy-ssl	i386
5.7-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	18 k
globus-gsi-proxy-ssl	x86_64
5.7-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	18 k
globus-gsi-proxy-ssl-devel	i386
5.7-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	9.6 k
globus-gsi-proxy-ssl-devel	x86_64
5.7-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	9.6 k
globus-gsi-proxy-ssl-doc	x86_64
5.7-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	33 k
globus-gsi-sysconfig	i386
6.8-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	28 k
globus-gsi-sysconfig	x86_64
6.8-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	31 k
globus-gsi-sysconfig-devel	i386
6.8-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	11 k
globus-gsi-sysconfig-devel	x86_64
6.8-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	11 k
globus-gsi-sysconfig-doc	x86_64
6.8-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	89 k
Installing for dependencies:	
e2fsprogs-devel	x86_64
1.39-37.el5	sl-base
639 k	
globus-common	i386
15.26-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	130 k
globus-common	x86_64
15.26-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	134 k
globus-common-devel	x86_64
15.26-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	65 k
globus-openssl-module	i386
4.6-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	14 k
globus-openssl-module	x86_64
4.6-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	14 k
globus-openssl-module-devel	x86_64
4.6-1.el5	GLOBALUS.globus-default-
security.s15.x86_64	8.2 k
keyutils-libs-devel	x86_64
1.2-1.el5	sl-base
27 k	

```

krb5-devel
1.6.1-80.el5_11
1.9 M
libselinux-devel
1.33.4-5.7.el5
149 k
libsepol-devel
1.15.2-3.el5
192 k
libtool-ltdl
1.5.22-7.el5_4
37 k
libtool-ltdl
1.5.22-7.el5_4
38 k
libtool-ltdl-devel
1.5.22-7.el5_4
32 k
openssl-devel
0.9.8e-31.el5_11
1.9 M
pkgconfig
1:0.21-2.el5
61 k
zlib-devel
1.2.3-7.el5
103 k
sl-security x86_64
sl-base x86_64
sl-base x86_64
sl-base i386
sl-base x86_64
sl-base x86_64
sl-base x86_64
sl-base x86_64
sl-base x86_64
sl-base x86_64

```

Transaction Summary

```

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

```

```

Install      53 Package(s)
Upgrade      0 Package(s)

```

```

Total download size: 6.3 M
}}}
```

```

{{{
[root@test26 ~]# yum install globus-proxy-utils

```

```

[.....]

```

Dependencies Resolved

```

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

```

Package	Arch
Version	Repository
Size	

```

Installing:
globus-proxy-utils x86_64
6.9-1.el5 GLOBUS.globus-default-
security.sl5.x86_64 45 k
Installing for dependencies:

```

```

globus-callout                                x86_64
3.13-1.el5                                GLOBUS.globus-default-
security.sl5.x86_64                          19 k
globus-gss-assist                            x86_64
10.13-1.el5                                GLOBUS.globus-default-
security.sl5.x86_64                          36 k
globus-gssapi-gsi                            x86_64
11.14-1.el5                                GLOBUS.globus-default-
security.sl5.x86_64                          63 k

```

Transaction Summary

```

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

```

```

Install      4 Package(s)
Upgrade      0 Package(s)

```

```

Total download size: 163 k
}}}
```

```

{{{
[root@test26 ~]# yum install voms-clients

```

```

[.....]

```

Dependencies Resolved

```

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

```

Package Version Size	Arch Repository
----------------------------	--------------------

```

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

```

```

Installing:
voms-clients                                x86_64
2.0.12-1.el5                                epel
185 k
Installing for dependencies:
voms                                         x86_64
2.0.12-1.el5                                epel
176 k

```

Transaction Summary

```

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

```

```

Install      2 Package(s)
Upgrade      0 Package(s)

```

```

Total download size: 362 k
}}}
```

```

== Testing ==
{{{

```

```

[rdiez@test26 ~]$ export X509_CERT_DIR=/etc/grid-security/certificates

```

```
[rdiez@test26 ~]$ /usr/bin/openssl x509 -hash -noout < /etc/grid-  
security/certificates/pkIRISGrid.pem  
9dd23746
```

```
[rdiez@test26 ~]$ grid-cert-diagnostics
```

```
Checking Environment Variables
```

```
=====
```

```
Checking if HOME is set... /home/rdiez  
Checking if GLOBUS_LOCATION is set... no  
Checking for default GLOBUS_LOCATION... /usr  
Checking if X509_CERT_DIR is set... /etc/grid-security/certificates  
Checking if X509_USER_CERT is set... no  
Checking if X509_USER_KEY is set... no  
Checking if X509_USER_PROXY is set... no  
Checking if GRIDMAP is set... no
```

```
Checking Security Directories
```

```
=====
```

```
Determining trusted cert path... /etc/grid-security/certificates  
Checking for cog.properties... not found  
Checking for default gridmap location... /home/rdiez/.gridmap  
Checking if default gridmap exists... failed  
globus_sysconfig: File does not exist: /home/rdiez/.gridmap is not  
a valid file
```

```
Checking trusted certificates...
```

```
=====
```

```
Getting trusted certificate list...  
Checking CA file /etc/grid-security/certificates/94b468c6.0... ok  
Checking that certificate hash matches filename... failed  
CA hash '55994d72.0' does not match CA filename  
Checking CA file /etc/grid-security/certificates/8a047de1.0... ok  
Checking that certificate hash matches filename... ok  
Checking CA certificate name for 8a047de1.0...ok  
(/C=TH/O=NECTEC/OU=GOC/CN=NECTEC GOC CA)  
Checking if signing policy exists for 8a047de1.0... ok  
Verifying certificate chain for 8a047de1.0... ok  
Checking CA file /etc/grid-security/certificates/98ef0ee5.0... ok  
Checking that certificate hash matches filename... ok  
[.....]
```

```
[rdiez@test26 ~]$ grid-cert-diagnostics -p
```

```
Checking Environment Variables
```

```
=====
```

```
Checking if HOME is set... /home/rdiez  
Checking if GLOBUS_LOCATION is set... no  
Checking for default GLOBUS_LOCATION... /usr  
Checking if X509_CERT_DIR is set... /etc/grid-security/certificates  
Checking if X509_USER_CERT is set... no  
Checking if X509_USER_KEY is set... no  
Checking if X509_USER_PROXY is set... no  
Checking if GRIDMAP is set... no
```

```
Checking Security Directories
```

```
=====
```

```
Determining trusted cert path... /etc/grid-security/certificates  
Checking for cog.properties... not found  
Checking for default gridmap location... /home/rdiez/.gridmap  
Checking if default gridmap exists... failed
```

```
globus_sysconfig: File does not exist: /home/rdiez/.gridmap is not
a valid file
```

Checking Default Credentials

```
=====
Determining certificate and key file names... ok
Certificate Path: "/home/rdiez/.globus/usercert.pem"
Key Path: "/home/rdiez/.globus/userkey.pem"
Reading certificate... ok
Reading private key...
ok
Checking Certificate Subject... "/DC=es/DC=irisgrid/O=cesga/CN=Robot -
Ibergrid SAM NagiosUser managed by Esteban Freire Garcia"
Checking cert... ok
Checking key... ok
Checking that certificate contains an RSA key... ok
Checking that private key is an RSA key... ok
Checking that public and private keys have the same modulus... ok
Checking certificate trust chain... ok
Checking if subject is in gridmap... error parsing gridmap
/home/rdiez/.gridmap
```

Checking trusted certificates...

```
=====
Getting trusted certificate list...
Checking CA file /etc/grid-security/certificates/94b468c6.0... ok
Checking that certificate hash matches filename... failed
    CA hash '55994d72.0' does not match CA filename
Checking CA file /etc/grid-security/certificates/8a047de1.0... ok
Checking that certificate hash matches filename... ok
[.....]
```

```
[rdiez@test26 ~]$ voms-proxy-init
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM
NagiosUser managed by Esteban Freire Garcia
Creating proxy ..... Done
```

Your proxy is valid until Thu Jan 15 06:29:21 2015

```
[rdiez@test26 ~]$ grid-cert-info -sd -ed
Oct 20 11:54:16 2014 GMT
Apr 1 11:54:16 2015 GMT
```

```
[rdiez@test26 ~]$ grid-cert-info -subject
/DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM NagiosUser managed
by Esteban Freire Garcia
```

```
[rdiez@test26 ~]$ grid-cert-info -subject -rfc2253
CN=Robot - Ibergrid SAM NagiosUser managed by Esteban Freire
Garcia,O=cesga,DC=irisgrid,DC=es
}}}
```

New Features/Fixed Bugs

None.

Additional Info

None.