

Quality Criteria Verification
Executive Summary
For QCV, Stage Rollout, DMSU and EGI internal

Name of the component	IGE.globus-default-security		
Release	V5.2.0	RT Ticket	3375
Software Provider	IGE		
Release Contact	Name:	E-Mail	
	Mattias Ellert	mattias.ellert@fysast.uu.se	
Validator	Name:	E-Mail	
	Alvaro Simon	asimon@cesga.es	
V. Hours Worked	3h		
Component status	Accepted	Date	07/03/12
Verification start date	06/09/12	Verification end date	07/09/12

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	13	0/1	2	16
	Specific Quality Criteria			
TP				
VLD	4	0	5	9

Summary:

No issues found during the verification process.

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
Generic QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	http://globus.org.eu/toolkit/docs/5.2/5.2.0/gsic/
GENERIC_DOC_2 (Release Notes)	Y	VLD	http://globus.org.eu/toolkit/docs/5.2/5.2.0/gsic/m/#g
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	http://globus.org.eu/toolkit/docs/5.2/5.2.0/gsic/adm
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	GPL http://www.globus.org/toolkit/docs/4.2/4.2.1/
GENERIC_DOC_9 (Release changes testing)	Y	VLD	
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	
GENERIC_DIST_2 (Source Distribution)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
GENERIC_SERVICE_1 (Service control and status)	NA		
GENERIC_SERVICE_2 (Log Files)	NA		
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD	
GENERIC_SERVICE_4 (Service Robustness)	Y	VLD	
GENERIC_SERVICE_4 (Automatic Configuration)	N	VLD	
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_2 (Directory Traversal Attacks testing)	Optional		
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	GGUS
Security Capabilities QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	
AUTHN_IFACE_2 (SAML authentication)	Optional		
AUTHZ_PCYDEF_3 (Ban UserFQAN)	Y	VLD	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	
AUTHZ_PEP_1 (Policy Enforcement)	Y	VLD	
CREDMGMT_IFACE_1 (Credential Storage)	NA	VLD	
CREDMGMT_IFACE_2 (Credential Retrieval)	NA	VLD	
CREDMGMT_IFACE_3 (Credential Renewal)	NA	VLD	
CREDMGMT_LINK_1 (Institutional Authentication Linking)	NA	VLD	
Operations Capabilities QC			
MON_PROBE_GENERIC_2 (Service Probe)	NA		

Validator comments:

```
# cat IGE.globus-default-security.s15.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (3375,414,337)

[IGE.globus-default-security.s15.x86_64]
name=IGE.globus-default-security.s15.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/ige.globus-default-security.s15.x86_64/5/2/0/
enabled=1
protect=1
gpgcheck=1
priority=1
gpgkey=http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE

# yum install ige-meta-globus-default-security

=====
=====
=====
Package                                Arch
Version                                Repository
Size
=====
=====
Installing:
  ige-meta-globus-default-security      noarch
2.0-2.el5                               IGE.globus-default-security.s15.x86_64
4.1 k
Installing for dependencies:
  autoconf                             noarch
2.59-12                                 sl-base
648 k
  automake                             noarch
1.9.6-2.3.el5                           sl-base
476 k
  elfutils                             x86_64
0.137-3.el5                             sl-base
216 k
  elfutils-libs                        x86_64
0.137-3.el5                             sl-base
182 k
  globus-authz                         x86_64
2.1-2.el5                               IGE.globus-default-security.s15.x86_64
14 k
  globus-authz-callout-error           x86_64
2.1-2.el5                               IGE.globus-default-security.s15.x86_64
11 k
  globus-authz-callout-error-devel     x86_64
2.1-2.el5                               IGE.globus-default-security.s15.x86_64
6.0 k
  globus-authz-callout-error-doc       x86_64
2.1-2.el5                               IGE.globus-default-security.s15.x86_64
66 k
  globus-authz-devel                  x86_64
2.1-2.el5                               IGE.globus-default-security.s15.x86_64
5.4 k
  globus-authz-doc                    x86_64
2.1-2.el5                               IGE.globus-default-security.s15.x86_64
77 k
  globus-callout-doc                  x86_64
2.1-2.el5                               IGE.globus-default-security.s15.x86_64
101 k
  globus-common-doc                   x86_64
14.5-4.el5                              IGE.globus-default-security.s15.x86_64
356 k
  globus-gridmap-callout-error         x86_64
1.2-2.el5                               IGE.globus-default-security.s15.x86_64
10 k
```

globus-gridmap-callout-error-devel	x86_64
1.2-2.el5	IGE.globus-default-security.s15.x86_64
6.0 k	
globus-gridmap-callout-error-doc	x86_64
1.2-2.el5	IGE.globus-default-security.s15.x86_64
78 k	
globus-gsi-callback-doc	x86_64
4.1-2.el5	IGE.globus-default-security.s15.x86_64
122 k	
globus-gsi-cert-utils-doc	x86_64
8.1-2.el5	IGE.globus-default-security.s15.x86_64
100 k	
globus-gsi-credential-doc	x86_64
5.1-2.el5	IGE.globus-default-security.s15.x86_64
136 k	
globus-gsi-openssl-error-doc	x86_64
2.1-2.el5	IGE.globus-default-security.s15.x86_64
122 k	
globus-gsi-proxy-core-doc	x86_64
6.1-2.el5	IGE.globus-default-security.s15.x86_64
140 k	
globus-gsi-proxy-ssl-doc	x86_64
4.1-2.el5	IGE.globus-default-security.s15.x86_64
103 k	
globus-gsi-sysconfig-doc	x86_64
5.1-2.el5	IGE.globus-default-security.s15.x86_64
160 k	
globus-gss-assist-doc	x86_64
8.1-2.el5	IGE.globus-default-security.s15.x86_64
154 k	
globus-gss-assist-progs	x86_64
8.1-2.el5	IGE.globus-default-security.s15.x86_64
19 k	
globus-gssapi-error	x86_64
4.1-2.el5	IGE.globus-default-security.s15.x86_64
14 k	
globus-gssapi-error-devel	x86_64
4.1-2.el5	IGE.globus-default-security.s15.x86_64
7.1 k	
globus-gssapi-error-doc	x86_64
4.1-2.el5	IGE.globus-default-security.s15.x86_64
108 k	
globus-gssapi-gsi-doc	x86_64
10.2-2.el5	IGE.globus-default-security.s15.x86_64
177 k	
globus-io	x86_64
9.2-2.el5	IGE.globus-default-security.s15.x86_64
44 k	
globus-io-devel	x86_64
9.2-2.el5	IGE.globus-default-security.s15.x86_64
11 k	
globus-openssl-module-doc	x86_64
3.1-2.el5	IGE.globus-default-security.s15.x86_64
68 k	
globus-openssl-module-progs	x86_64
3.1-2.el5	IGE.globus-default-security.s15.x86_64
7.7 k	
globus-simple-ca	noarch
3.0-2.el5	IGE.globus-default-security.s15.x86_64
31 k	
globus-xio-doc	x86_64
3.2-2.el5	IGE.globus-default-security.s15.x86_64
703 k	
globus-xio-gsi-driver	x86_64
2.1-2.el5	IGE.globus-default-security.s15.x86_64
37 k	
globus-xio-gsi-driver-devel	x86_64
2.1-2.el5	IGE.globus-default-security.s15.x86_64
10 k	
globus-xio-gsi-driver-doc	x86_64
2.1-2.el5	IGE.globus-default-security.s15.x86_64
180 k	

globus-xio-pipe-driver	x86_64
2.1-2.el5	IGE.globus-default-security.s15.x86_64
17 k	
globus-xio-pipe-driver-devel	x86_64
2.1-2.el5	IGE.globus-default-security.s15.x86_64
5.1 k	
globus-xio-popen-driver	x86_64
2.2-2.el5	IGE.globus-default-security.s15.x86_64
21 k	
globus-xio-popen-driver-devel	x86_64
2.2-2.el5	IGE.globus-default-security.s15.x86_64
6.4 k	
globus-xioperf	x86_64
3.0-2.el5	IGE.globus-default-security.s15.x86_64
19 k	
grid-packaging-tools	noarch
3.5-2.el5	IGE.globus-default-security.s15.x86_64
212 k	
imake	x86_64
1.0.2-3	sl-base
318 k	
libtool	x86_64
1.5.22-7.el5_4	sl-base
667 k	
perl-Archive-Tar	noarch
1:1.39.1-1.el5_5.1	sl-security
53 k	
perl-IO-Zlib	noarch
1.04-4.2.1	sl-base
15 k	
rpm-build	x86_64
4.4.2.3-22.el5_7.2	sl-security
302 k	

Transaction Summary

```

=====
Install      49 Package(s)
Upgrade      0 Package(s)
=====

```

```
# export X509_CERT_DIR=/etc/grid-security/certificates
```

```
# /usr/bin/openssl x509 -hash -noout < /etc/grid-security/certificates/pkIRISGrid.pem
9dd23746
```

```
# grid-cert-diagnostics
```

Checking Environment Variables

```
=====
```

```
Checking if HOME is set... /home/asimon
```

```
Checking if GLOBUS_LOCATION is set... no
```

```
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
```

```
..
..
```

```
[root@test26 certificates]# grid-cert-diagnostics -p
```

Checking Environment Variables

```
=====
```

```
Checking if HOME is set... /root
```

```
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... /etc/grid-security/grid-mapfile
Checking if default gridmap exists... failed
    globus_sysconfig: File does not exist: /etc/grid-security/grid-mapfile is not a valid file

Checking Default Credentials
=====
Determining certificate and key file names... failed
    globus_sysconfig: Error with certificate filename: The user cert could not be found in:
    1) env. var. X509_USER_CERT
    2) $HOME/.globus/usercert.pem
    3) $HOME/.globus/usercred.p12

$ grid-proxy-init
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=alvarosimon
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Your proxy is valid until: Wed Mar  7 22:43:18 2012

$ grid-cert-info -sd -ed
Dec 30 11:35:11 2011 GMT
Dec 29 11:35:11 2012 GMT

$ grid-cert-info -subject
/DC=es/DC=irisgrid/O=cesga/CN=alvarosimon

$ grid-cert-info -subject -rfc2253
CN=alvarosimon,O=cesga,DC=irisgrid,DC=es

```

Not applicable Quality Criteria

Specific Functional Tests to be repeated in SR:

Test number	Description	Motivation

Specific Non-functional tests (Scalability, etc...) to be repeated in SR:

Test number	Description	Motivation

Comments for UMD QC definition (TSA2.2):

Comments for SR (TSA1.3):

Comments for DMSU (TSA2.5):

Comments for TP: