

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

Name of the component	IGE.globus-default-security		
Release	V5.2.3	RT Ticket	4910/4911/4919
Software Provider	IGE		
Release Contact	Name:	E-Mail	
	Mattias Ellert	<a href="mailto:mattias.ellert@fysast.uu.se">mattias.ellert@fysast.uu.se</a>	
Validator	Name:	E-Mail	
	Alvaro Simon	asimon@cesga.es	
V. Hours Worked	1h		
Component status	<b>Accepted</b>	Date	22/02/13
Verification start date	22/02/13	Verification end date	22/02/13

**Summary of Quality Criteria verification:**

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

**Summary:**

**No issues found during the verification process.**

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
<b>Generic QC</b>			
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="http://globus.org.eu/toolkit/docs/5.2/5.2.0/gsic/">http://globus.org.eu/toolkit/docs/5.2/5.2.0/gsic/</a>
GENERIC_DOC_2 (Release Notes)	Y	VLD	<a href="http://globus.org.eu/toolkit/docs/5.2/5.2.0/gsic/m/#/">http://globus.org.eu/toolkit/docs/5.2/5.2.0/gsic/m/#/</a>
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	<a href="http://globus.org.eu/toolkit/docs/5.2/5.2.0/gsic/adm/">http://globus.org.eu/toolkit/docs/5.2/5.2.0/gsic/adm/</a>
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	GPL <a href="http://www.globus.org/toolkit/docs/4.2/4.2.1/">http://www.globus.org/toolkit/docs/4.2/4.2.1/</a>
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
<b>Security Capabilities QC</b>			
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	
<b>Operations Capabilities QC</b>			
MON_PROBE_GENERIC_2 (Service Probe)	NA		

## Validator comments:

### Installation

=====

#### OS: debian6

```
# apt-get install ige-meta-globus-default-security
```

#### OS: SL5

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

#### OS: SL6

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

### Testing

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

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

```
# /usr/sbin/fetch-crl -r 20 -a 24 -quiet
```

```
# 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:**