

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

Name of the component	<b>ige.security-integration.sl5.x86 64-2.1.0</b>		
Release	V2.1.0	RT Ticket	3676
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	esfreire@cesga.es	
V. Hours Worked	3h		
Component status	<b>Accepted</b>	Date	16/05/12
Verification start date	16/05/12	Verification end date	16/05/12

**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)	Tested (T)	Comments
<b>Generic QC</b>			
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="http://wiki.nikhef.nl/grid/Site_Access_Control">http://wiki.nikhef.nl/grid/Site_Access_Control</a>
GENERIC_DOC_2 (Release Notes)	Y	VLD	<a href="http://wiki.nikhef.nl/grid/Site_Access_Control">http://wiki.nikhef.nl/grid/Site_Access_Control</a>
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Document)	Y	VLD	<a href="http://wiki.nikhef.nl/grid/Site_Access_Control">http://wiki.nikhef.nl/grid/Site_Access_Control</a>
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	GTPL <a href="http://www.globus.org/toolkit/docs/4.2/4.2.1/licenses/license-v3.htm">http://www.globus.org/toolkit/docs/4.2/4.2.1/licenses/license-v3.htm</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 monitoring)	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)	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)	NA	VLD	
<b>Operations Capabilities QC</b>			
MON_PROBE_GENERIC_2 (Service Probe)	NA		

### Validator comments:

== Installing the repository (OK) ==

```
{{{
```

```
[root@test26 yum.repos.d]# cat IGE.security-integration.sl5.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(3676,452,378)
```

```
[IGE.security-integration.sl5.x86_64]
name=IGE.security-integration.sl5.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/ige.security-
integration.sl5.x86_64/2/1/0/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE
}}}
```

```
{{{
```



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

```
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
```

```
[ ....]
```

```
[root@test26 yum.repos.d]# 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
```

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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

}}}

{{{

```
[esfreire@test26 ~]$ grid-proxy-init
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Your proxy is valid until: Wed May 16 23:38:45 2012
```

```
[esfreire@test26 ~]$ grid-cert-info -sd -ed
Jan 24 13:57:34 2012 GMT
Jan 23 13:57:34 2013 GMT
```

```
[esfreire@test26 ~]$ grid-cert-info -subject
/DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
```

```
[esfreire@test26 ~]$ grid-cert-info -subject -rfc2253
CN=javier-lopez,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:**