

Quality Criteria Verification Report

Product	<i>Globus-default-security</i>	Release	<i>5.2.5</i>
Software Provider	<i>IGE</i>	RT Ticket	<i>#6490 #6491</i>
Provider contact	<i>Mattias Ellert mattias.ellert@fysast.uu.se</i>		
Verifier	<i>Alvaro Simon asimon@cesga.es</i>		
Hours worked	<i>1h</i>	Date	<i>17/01/14</i>
Status	Accepted		

Summary

No issues found during verification process.

Related tickets

None

Documentation Criteria

Document	Link
Release notes	http://globus.org.eu/toolkit/docs/5.2/5.2.5/gsic/
User Documentation	http://globus.org.eu/toolkit/docs/5.2/5.2.5/gsic/user/#gsicUser
API Documentation	http://globus.org.eu/toolkit/docs/5.2/5.2.5/gsic/developer/#gsicDeveloper
Admin Documentation	http://globus.org.eu/toolkit/docs/5.2/5.2.5/gsic/admin/#gsicAdmin
Software License	http://toolkit.globus.org/toolkit/legal/4.0/license-v3.html

Generic Criteria

Criteria	Status¹	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	NA	

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

GlueSchema 2.0 Support	NA	
Middleware Version Information	NT	Minor release
Service Probes	NA	
Accounting Records	NA	
Bug Tracking System	OK	

Specific QC

Basic Functionality Test

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

```
=====
Package Arch Version Repository
Size
=====
Installing:
ige-meta-globus-default-security noarch 3.3-1.e16 IGE.globus-default-security.s16.x86_64
4.9 k
Installing for dependencies:
globus-authz x86_64 2.2-8.e16 IGE.globus-default-security.s16.x86_64
15 k
globus-authz-callout-error x86_64 2.2-8.e16 IGE.globus-default-security.s16.x86_64
12 k
globus-authz-callout-error-devel x86_64 2.2-8.e16 IGE.globus-default-security.s16.x86_64
7.4 k
globus-authz-callout-error-doc noarch 2.2-8.e16 IGE.globus-default-security.s16.x86_64
81 k
globus-authz-devel x86_64 2.2-8.e16 IGE.globus-default-security.s16.x86_64
6.9 k
globus-authz-doc noarch 2.2-8.e16 IGE.globus-default-security.s16.x86_64
92 k
globus-callout x86_64 2.4-2.e16 IGE.globus-default-security.s16.x86_64
19 k
globus-callout-devel x86_64 2.4-2.e16 IGE.globus-default-security.s16.x86_64
9.6 k
globus-callout-doc noarch 2.4-2.e16 IGE.globus-default-security.s16.x86_64
118 k
globus-common x86_64 14.10-2.e16 IGE.globus-default-security.s16.x86_64
115 k
globus-common-devel x86_64 14.10-2.e16 IGE.globus-default-security.s16.x86_64
63 k
globus-common-doc noarch 14.10-2.e16 IGE.globus-default-security.s16.x86_64
422 k
globus-common-progs x86_64 14.10-2.e16 IGE.globus-default-security.s16.x86_64
34 k
globus-core x86_64 8.16-1.e16 IGE.globus-default-security.s16.x86_64
47 k
globus-ftp-client x86_64 7.6-1.e16 IGE.globus-default-security.s16.x86_64
95 k
globus-ftp-client-devel x86_64 7.6-1.e16 IGE.globus-default-security.s16.x86_64
25 k
globus-ftp-control x86_64 4.7-1.e16 IGE.globus-default-security.s16.x86_64
68 k
globus-ftp-control-devel x86_64 4.7-1.e16 IGE.globus-default-security.s16.x86_64
17 k
globus-gridmap-callout-error x86_64 1.2-9.e16 IGE.globus-default-security.s16.x86_64
11 k
globus-gridmap-callout-error-devel x86_64 1.2-9.e16 IGE.globus-default-security.s16.x86_64
7.4 k
globus-gridmap-callout-error-doc noarch 1.2-9.e16 IGE.globus-default-security.s16.x86_64
94 k
globus-gridmap-verify-myproxy-callout x86_64 1.5-1.e16 IGE.globus-default-security.s16.x86_64
17 k
globus-gsi-callback x86_64 4.6-2.e16 IGE.globus-default-security.s16.x86_64
38 k
globus-gsi-callback-devel x86_64 4.6-2.e16 IGE.globus-default-security.s16.x86_64
11 k
globus-gsi-callback-doc noarch 4.6-2.e16 IGE.globus-default-security.s16.x86_64
138 k
globus-gsi-cert-utils x86_64 8.6-2.e16 IGE.globus-default-security.s16.x86_64
20 k
globus-gsi-cert-utils-devel x86_64 8.6-2.e16 IGE.globus-default-security.s16.x86_64
11 k
globus-gsi-cert-utils-doc noarch 8.6-2.e16 IGE.globus-default-security.s16.x86_64
117 k
globus-gsi-cert-utils-progs x86_64 8.6-2.e16 IGE.globus-default-security.s16.x86_64
26 k
globus-gsi-credential x86_64 6.0-2.e16 IGE.globus-default-security.s16.x86_64
34 k
globus-gsi-credential-devel x86_64 6.0-2.e16 IGE.globus-default-security.s16.x86_64
11 k
```

globus-gsi-credential-doc	noarch	6.0-2.e16	IGE.globus-default-security.sl6.x86_64
153 k			
globus-gsi-openssl-error	x86_64	2.1-10.e16	IGE.globus-default-security.sl6.x86_64
17 k			
globus-gsi-openssl-error-devel	x86_64	2.1-10.e16	IGE.globus-default-security.sl6.x86_64
8.7 k			
globus-gsi-openssl-error-doc	noarch	2.1-10.e16	IGE.globus-default-security.sl6.x86_64
146 k			
globus-gsi-proxy-core	x86_64	6.2-9.e16	IGE.globus-default-security.sl6.x86_64
33 k			
globus-gsi-proxy-core-devel	x86_64	6.2-9.e16	IGE.globus-default-security.sl6.x86_64
12 k			
globus-gsi-proxy-core-doc	noarch	6.2-9.e16	IGE.globus-default-security.sl6.x86_64
155 k			
globus-gsi-proxy-ssl	x86_64	4.1-10.e16	IGE.globus-default-security.sl6.x86_64
17 k			
globus-gsi-proxy-ssl-devel	x86_64	4.1-10.e16	IGE.globus-default-security.sl6.x86_64
10 k			
globus-gsi-proxy-ssl-doc	noarch	4.1-10.e16	IGE.globus-default-security.sl6.x86_64
128 k			
globus-gsi-sysconfig	x86_64	5.3-8.e16	IGE.globus-default-security.sl6.x86_64
28 k			
globus-gsi-sysconfig-devel	x86_64	5.3-8.e16	IGE.globus-default-security.sl6.x86_64
12 k			
globus-gsi-sysconfig-doc	noarch	5.3-8.e16	IGE.globus-default-security.sl6.x86_64
172 k			
globus-gss-assist	x86_64	9.0-1.e16	IGE.globus-default-security.sl6.x86_64
33 k			
globus-gss-assist-devel	x86_64	9.0-1.e16	IGE.globus-default-security.sl6.x86_64
12 k			
globus-gss-assist-doc	noarch	9.0-1.e16	IGE.globus-default-security.sl6.x86_64
171 k			
globus-gss-assist-progs	x86_64	9.0-1.e16	IGE.globus-default-security.sl6.x86_64
20 k			
globus-gssapi-error	x86_64	4.1-10.e16	IGE.globus-default-security.sl6.x86_64
14 k			
globus-gssapi-error-devel	x86_64	4.1-10.e16	IGE.globus-default-security.sl6.x86_64
8.6 k			
globus-gssapi-error-doc	noarch	4.1-10.e16	IGE.globus-default-security.sl6.x86_64
132 k			
globus-gssapi-gsi	x86_64	10.10-2.e16	IGE.globus-default-security.sl6.x86_64
57 k			
globus-gssapi-gsi-devel	x86_64	10.10-2.e16	IGE.globus-default-security.sl6.x86_64
15 k			
globus-gssapi-gsi-doc	noarch	10.10-2.e16	IGE.globus-default-security.sl6.x86_64
95 k			
globus-io	x86_64	9.5-1.e16	IGE.globus-default-security.sl6.x86_64
39 k			
globus-io-devel	x86_64	9.5-1.e16	IGE.globus-default-security.sl6.x86_64
13 k			
globus-openssl-module	x86_64	3.3-2.e16	IGE.globus-default-security.sl6.x86_64
14 k			
globus-openssl-module-devel	x86_64	3.3-2.e16	IGE.globus-default-security.sl6.x86_64
9.0 k			
globus-openssl-module-doc	noarch	3.3-2.e16	IGE.globus-default-security.sl6.x86_64
84 k			
globus-openssl-module-progs	x86_64	3.3-2.e16	IGE.globus-default-security.sl6.x86_64
9.1 k			
globus-proxy-utils	x86_64	5.2-1.e16	IGE.globus-default-security.sl6.x86_64
42 k			
globus-simple-ca	noarch	3.5-1.e16	IGE.globus-default-security.sl6.x86_64
31 k			
globus-usage	x86_64	3.1-2.e16	IGE.globus-default-security.sl6.x86_64
16 k			
globus-usage-devel	x86_64	3.1-2.e16	IGE.globus-default-security.sl6.x86_64
6.9 k			
globus-xio	x86_64	3.6-2.e16	IGE.globus-default-security.sl6.x86_64
160 k			
globus-xio-devel	x86_64	3.6-2.e16	IGE.globus-default-security.sl6.x86_64
47 k			
globus-xio-doc	noarch	3.6-2.e16	IGE.globus-default-security.sl6.x86_64
821 k			
globus-xio-gridftp-driver	x86_64	1.2-1.e16	IGE.globus-default-security.sl6.x86_64
24 k			
globus-xio-gridftp-driver-devel	x86_64	1.2-1.e16	IGE.globus-default-security.sl6.x86_64
8.2 k			
globus-xio-gridftp-driver-doc	noarch	1.2-1.e16	IGE.globus-default-security.sl6.x86_64
194 k			
globus-xio-gsi-driver	x86_64	2.4-1.e16	IGE.globus-default-security.sl6.x86_64
35 k			
globus-xio-gsi-driver-devel	x86_64	2.4-1.e16	IGE.globus-default-security.sl6.x86_64
12 k			
globus-xio-gsi-driver-doc	noarch	2.4-1.e16	IGE.globus-default-security.sl6.x86_64
217 k			
globus-xio-pipe-driver	x86_64	2.2-1.e16	IGE.globus-default-security.sl6.x86_64
17 k			
globus-xio-pipe-driver-devel	x86_64	2.2-1.e16	IGE.globus-default-security.sl6.x86_64
5.8 k			
globus-xio-popen-driver	x86_64	2.3-1.e16	IGE.globus-default-security.sl6.x86_64
20 k			
globus-xio-popen-driver-devel	x86_64	2.3-1.e16	IGE.globus-default-security.sl6.x86_64
7.0 k			
globus-xioperf	x86_64	3.1-1.e16	IGE.globus-default-security.sl6.x86_64
18 k			
grid-packaging-tools	noarch	3.6.7-1.e16	IGE.globus-default-security.sl6.x86_64
200 k			

```

libtool                x86_64  2.2.6-15.5.e16      sl
563 k
libtool-ltdl           x86_64  2.2.6-15.5.e16      sl
43 k
perl-Archive-Tar        x86_64  1.58-130.e16_4      sl-security
71 k
perl-Compress-Raw-Zlib  x86_64  1:2.020-130.e16_4   sl-security
67 k
perl-Compress-Zlib     x86_64  2.020-130.e16_4     sl-security
43 k
perl-HTML-Parser       x86_64  3.64-2.e16          sl
108 k
perl-HTML-Tagset       noarch  3.20-4.e16          sl
15 k
perl-IO-Compress-Base  x86_64  2.020-130.e16_4     sl-security
67 k
perl-IO-Compress-Zlib  x86_64  2.020-130.e16_4     sl-security
133 k
perl-IO-Zlib           x86_64  1:1.09-130.e16_4    sl-security
30 k
perl-Package-Constants x86_64  1:0.02-130.e16_4    sl-security
24 k
perl-URI               noarch  1.40-2.e16          sl
116 k
perl-XML-Parser        x86_64  2.36-7.e16          sl
223 k
perl-libwww-perl       noarch  5.833-2.e16         sl
386 k

```

Transaction Summary

```

=====

```

```

Install      94 Package(s)

```

```

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

```

```

# /usr/bin/openssl x509 -hash -noout < /etc/grid-security/certificates/pkIRISGrid.pem
cd536adc

```

```

# 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

```

```

Checking trusted certificates...

```

```

=====
Getting trusted certificate list...
Checking CA file /etc/grid-security/certificates/d0b701c0.0... ok
Checking that certificate hash matches filename... failed
CA hash 'ff430c7f.0' does not match CA filename
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
Checking CA file /etc/grid-security/certificates/fc1898ec.0... ok
Checking that certificate hash matches filename... failed
CA hash '6cad3d39.0' does not match CA filename
Checking CA file /etc/grid-security/certificates/d33760ec.0... ok
Checking that certificate hash matches filename... failed
CA hash '58b08cb5.0' does not match CA filename
Checking CA file /etc/grid-security/certificates/11b4a5a2.0... ok
Checking that certificate hash matches filename... failed
CA hash 'be87b272.0' does not match CA filename
Checking CA file /etc/grid-security/certificates/d1b603c3.0... ok
Checking that certificate hash matches filename... failed
CA hash '0119347c.0' does not match CA filename
Checking CA file /etc/grid-security/certificates/9ec3a561.0... ok
Checking that certificate hash matches filename... failed
CA hash 'c5e082db.0' does not match CA filename
Checking CA file /etc/grid-security/certificates/3de400d0.0... ok

```

```

# 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.pl2

$ 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: Fri Jan 17 21:49:30 2014

$ grid-cert-info -sd -ed
Nov 22 14:54:58 2013 GMT
Nov 22 14:54:58 2014 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
```

New Features/Fixed Bugs

Additional Info
