

## Quality Criteria Verification Report

<b>Product</b>	<i>QCG.qcg-ntf.sl5.x86_64</i>	<b>Release</b>	<i>3.4.0</i>
<b>Software Provider</b>	<i>www.qoscosgrid.org</i>	<b>RT Ticket</b>	<i>#7457</i>
<b>Provider contact</b>	<i>Bartosz Bosak &lt;bbosak@man.poznan.pl&gt;</i>		
<b>Verifier</b>	<i>Franciszek Klajn &lt;franciszek.klajn@pwr.wroc.pl&gt;</i>		
<b>Hours worked</b>	<i>1 hour</i>	<b>Date</b>	<i>22.09.2014</i>
<b>Status</b>	<b>Accepted</b>		

### Summary

*Verification of this minor update was done by updating the product and checking the basic functionality. Also the new functionality - a BDII provider was validated.*

### Related tickets

### Documentation Criteria

<b>Document</b>	<b>Link</b>
Release notes	<i><a href="http://www.qoscosgrid.org/trac/qcg-notification/export/HEAD/tags/current/RELEASE_NOTES#1">http://www.qoscosgrid.org/trac/qcg-notification/export/HEAD/tags/current/RELEASE_NOTES#1</a></i>
User Documentation	<i>N/A</i>
API Documentation	<i>N/A</i>
Admin Documentation	<i><a href="https://www.qoscosgrid.org/trac/qcg-notification/wiki/technicalGuideAndManual">https://www.qoscosgrid.org/trac/qcg-notification/wiki/technicalGuideAndManual</a></i>
Software License	<i><a href="https://apps.man.poznan.pl/trac/qcg/wiki/license">https://apps.man.poznan.pl/trac/qcg/wiki/license</a></i>

### Generic Criteria

<b>Criteria</b>	<b>Status<sup>1</sup></b>	<b>Additional Comments</b>
Binary Distribution	<b>OK</b>	
Upgrade	<b>OK</b>	
X.509 Certificate support	<b>NT</b>	<a href="https://documents.egi.eu/public/ShowDocument?docid=1879">https://documents.egi.eu/public/ShowDocument?docid=1879</a>
SHA-2 Certificates Support	<b>NT</b>	<a href="https://documents.egi.eu/public/ShowDocument?docid=1879">https://documents.egi.eu/public/ShowDocument?docid=1879</a>
RFC Proxy support		<a href="https://documents.egi.eu/public/ShowDocument?docid=1879">https://documents.egi.eu/public/ShowDocument?docid=1879</a>
ARGUS Integration	<b>NA</b>	
World Writable Files	<b>OK</b>	

<sup>1</sup>**OK**, **WARN**, **FAIL**, **NA** (Not Applicable) or **NT** (Not Tested)

Passwords in world readable files	<b>OK</b>	
GlueSchema 1.3 Support	<b>OK</b>	The QCG uses values not yet known by the validator.
GlueSchema 2.0 Support	<b>OK</b>	The QCG uses values not yet known by the validator.
Middleware Version Information	<b>OK</b>	
Service Probes	<b>OK</b>	<a href="https://ngi-mon.grid.cyf-kr.edu.pl/nagios/cgi-bin/status.cgi?host=qcg-ntf.wcss.pl">https://ngi-mon.grid.cyf-kr.edu.pl/nagios/cgi-bin/status.cgi?host=qcg-ntf.wcss.pl</a>
Accounting Records	NA	
Bug Tracking System	NT	<a href="https://documents.egi.eu/public/ShowDocument?docid=1879">https://documents.egi.eu/public/ShowDocument?docid=1879</a>

## Specific QC

### Basic Functionality Test

Criteria	Status <sup>2</sup>	Additional Comments
Notification Interface	NT	<a href="https://documents.egi.eu/public/ShowDocument?docid=1879">https://documents.egi.eu/public/ShowDocument?docid=1879</a>

### New Features/Fixed Bugs

*BDII Support:*

*QC\_INFO\_1*

```
[root@qcg-ntf~]# glue-validator -s general -H localhost -p 2170 -b o=grid -v 3 -g glue1
```

*WARNING - errors 0, warnings 1, info 0 | errors=0;warnings=1;info=0*

*W037 Description: Wrong type*

*W037 Affected DN: GlueServiceUniqueID=qcg-ntf.wcss.pl\_org.oasis.notification\_968728261*

*Mds-Vo-name=resource*

*o=grid*

*W037 Affected attribute: GlueServiceType*

*W037 Published value: ['org.oasis.notification']*

*W037 Additional information: Expected type is ServiceType\_t*

*QC\_INFO\_2*

```
[root@qcg-ntf~]# glue-validator -s general -H localhost -p 2170 -b o=glue -v 3 -g glue2
```

*WARNING - errors 0, warnings 4, info 0 | errors=0;warnings=4;info=0*

*W037 Description: Wrong type*

*W037 Affected DN: GLUE2ServiceID=qcg-ntf.wcss.pl\_unknown\_968728261*

**2OK, WARN, FAIL, NA (Not Applicable) or NT (Not Tested)**

GLUE2GroupID=resource  
o=glue  
W037 Affected attribute: GLUE2ServiceCapability  
W037 Published value: ['notification']  
W037 Additional information: Expected type is Capability\_t

WARNING START:  
W037 Description: Wrong type  
W037 Affected DN: GLUE2ServiceID=qcg-ntf.wcss.pl\_unknown\_968728261  
GLUE2GroupID=resource  
o=glue  
W037 Affected attribute: GLUE2ServiceType  
W037 Published value: ['org.qcg.notification']  
W037 Additional information: Expected type is ServiceType\_t

W037 Description: Wrong type  
W037 Affected DN: GLUE2EndpointID=qcg-  
ntf.wcss.pl\_unknown\_968728261\_org.oasis.notification\_968728261  
GLUE2ServiceID=qcg-ntf.wcss.pl\_unknown\_968728261  
GLUE2GroupID=resource  
o=glue  
W037 Affected attribute: GLUE2EndpointInterfaceName  
W037 Published value: ['org.oasis.notification']  
W037 Additional information: Expected type is InterfaceName\_t

WARNING START:  
W037 Description: Wrong type  
W037 Affected DN: GLUE2EndpointID=qcg-  
ntf.wcss.pl\_unknown\_968728261\_org.oasis.notification\_968728261  
GLUE2ServiceID=qcg-ntf.wcss.pl\_unknown\_968728261  
GLUE2GroupID=resource  
o=glue  
W037 Affected attribute: GLUE2EndpointCapability  
W037 Published value: ['notification']  
W037 Additional information: Expected type is Capability\_t

QC\_INFO\_3  
[root@qcg-ntf ~]# ldapsearch -x -h localhost -p 2170 -b  
GLUE2GroupID=resource,o=glue objectclass=GLUE2Endpoint | grep -e  
ImplementationVersion -e MiddlewareVersion  
GLUE2EntityOtherInfo: MiddlewareVersion=3.7.4-1.el5  
GLUE2EndpointImplementationVersion: 3.4.0

## Additional Info

---

Upgrading log:  
[root@qcg-ntf ~]# cd /etc/yum.repos.d/





404 packages excluded due to repository priority protections  
241 packages excluded due to repository protections  
Reading version lock configuration  
Setting up Install Process  
Resolving Dependencies  
--> Running transaction check  
---> Package qcg-ntf-egi-is-provider.noarch 0:3.4.0-3 set to be updated  
--> Processing Dependency: emi-resource-information-service >= 1.0.3-1 for package: qcg-ntf-egi-is-provider  
--> Processing Dependency: qcg-egi-is-conf >= 3.4.0 for package: qcg-ntf-egi-is-provider  
--> Running transaction check  
---> Package emi-resource-information-service.noarch 0:1.0.3-1.el5 set to be updated  
--> Processing Dependency: emi-version for package: emi-resource-information-service  
--> Processing Dependency: glite-yaim-bdii for package: emi-resource-information-service  
--> Processing Dependency: glue-validator for package: emi-resource-information-service  
--> Processing Dependency: bdii for package: emi-resource-information-service  
--> Processing Dependency: glue-validator-cron for package: emi-resource-information-service  
--> Processing Dependency: glue-schema for package: emi-resource-information-service  
--> Processing Dependency: glite-info-provider-service for package: emi-resource-information-service  
---> Package qcg-egi-is-conf.noarch 0:3.4.0-3 set to be updated  
--> Running transaction check  
---> Package bdii.noarch 0:5.2.22-1.el5 set to be updated  
--> Processing Dependency: openldap2.4-servers for package: bdii  
--> Processing Dependency: openldap-servers for package: bdii  
--> Processing Dependency: openldap2.4-clients for package: bdii  
--> Processing Dependency: openldap-clients for package: bdii  
---> Package emi-version.x86\_64 0:3.7.4-1.el5 set to be updated  
---> Package glite-info-provider-service.noarch 0:1.13.3-1.el5 set to be updated  
---> Package glite-yaim-bdii.noarch 0:4.3.15-1.el5 set to be updated  
---> Package glue-schema.noarch 0:2.0.10-1.el5 set to be updated  
---> Package glue-validator.noarch 0:2.0.22-0.el5 set to be updated  
---> Package glue-validator-cron.noarch 0:1.3.0-1.el5 set to be updated  
--> Running transaction check  
---> Package openldap-clients.x86\_64 0:2.3.43-28.el5\_10 set to be updated  
---> Package openldap-servers.x86\_64 0:2.3.43-28.el5\_10 set to be updated  
---> Package openldap2.4-clients.x86\_64 0:2.4.22-1.el5 set to be updated  
--> Processing Dependency: lib64ldap2.4\_2 = 2.4.22-1.el5 for package: openldap2.4-clients  
--> Processing Dependency: liblber-2.4.so.2()(64bit) for package: openldap2.4-clients  
--> Processing Dependency: libldap-2.4.so.2()(64bit) for package: openldap2.4-clients  
---> Package openldap2.4-servers.x86\_64 0:2.4.22-1.el5 set to be updated  
--> Processing Dependency: openldap2.4-extra-schemas >= 1.3-7 for package: openldap2.4-servers



<i>openldap2.4</i>	<i>x86_64</i>	<i>2.4.22-1.el5</i>
<i>UMD-3-base</i>	<i>40 k</i>	
<i>openldap2.4-clients</i>	<i>x86_64</i>	<i>2.4.22-1.el5</i>
<i>UMD-3-base</i>	<i>298 k</i>	
<i>openldap2.4-extra-schemas</i>	<i>noarch</i>	<i>1.3-10.el5</i>
<i>UMD-3-base</i>	<i>46 k</i>	
<i>openldap2.4-servers</i>	<i>x86_64</i>	<i>2.4.22-1.el5</i>
<i>UMD-3-base</i>	<i>2.1 M</i>	
<i>qcg-egi-is-conf</i>	<i>noarch</i>	<i>3.4.0-3</i>
<i>QCG.qcg-ntf.sl5.x86_64</i>	<i>3.2 k</i>	

*Transaction Summary*

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

*Install* 17 Package(s)  
*Upgrade* 0 Package(s)

*Total download size: 5.5 M*

*Is this ok [y/N]: y*

*Downloading Packages:*

*(1/17): emi-resource-information-service-1.0.3-1.el5.noarch.rpm*

*| 1.8 kB 00:00*

*(2/17): emi-version-3.7.4-1.el5.x86\_64.rpm*

*| 2.3 kB 00:00*

*(3/17): qcg-egi-is-conf-3.4.0-3.noarch.rpm*

*| 3.2 kB 00:00*

*(4/17): glue-validator-cron-1.3.0-1.el5.noarch.rpm*

*| 3.8 kB 00:00*

*(5/17): qcg-ntf-egi-is-provider-3.4.0-3.noarch.rpm*

*| 4.8 kB 00:00*

*(6/17): glite-yaim-bdii-4.3.15-1.el5.noarch.rpm*

*| 11 kB 00:00*

*(7/17): bdii-5.2.22-1.el5.noarch.rpm*

*| 25 kB 00:00*

*(8/17): glue-schema-2.0.10-1.el5.noarch.rpm*

*| 34 kB 00:00*

*(9/17): openldap2.4-2.4.22-1.el5.x86\_64.rpm*

*| 40 kB 00:00*

*(10/17): openldap2.4-extra-schemas-1.3-10.el5.noarch.rpm*

*| 46 kB 00:00*

*(11/17): glite-info-provider-service-1.13.3-1.el5.noarch.rpm*

*| 68 kB 00:00*

*(12/17): glue-validator-2.0.22-0.el5.noarch.rpm*

*| 101 kB 00:00*

*(13/17): openldap-clients-2.3.43-28.el5\_10.x86\_64.rpm*

*| 224 kB 00:00*

*(14/17): openldap2.4-clients-2.4.22-1.el5.x86\_64.rpm*

*| 298 kB 00:00*



(15/17): lib64ldap2.4\_2-2.4.22-1.el5.x86\_64.rpm  
| 300 kB 00:00  
(16/17): openldap2.4-servers-2.4.22-1.el5.x86\_64.rpm  
| 2.1 MB 00:01  
(17/17): openldap-servers-2.3.43-28.el5\_10.x86\_64.rpm  
| 2.2 MB 00:00

---

Total 582

kB/s | 5.5 MB 00:09

warning: rpmts\_HdrFromFdno: Header V3 DSA signature: NOKEY, key ID df9e12ef  
UMD-3-updates/gpgkey

| 1.7 kB 00:00

Importing GPG key 0xDF9E12EF "Doina Cristina Aiftimiei (EMI Release Manager)  
<aiftim@pd.infn.it>" from http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-  
KEY-emi

Is this ok [y/N]: y

UMD-3-updates/gpgkey

| 915 B 00:00

Importing GPG key 0xB4D025B3 "Initiative for Globus in Europe - short (IGE)  
<info@ige-project.eu>" from http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE

Is this ok [y/N]: y

UMD-3-updates/gpgkey

| 1.7 kB 00:00

UMD-3-updates/gpgkey

| 1.7 kB 00:00

UMD-3-updates/gpgkey

| 1.3 kB 00:00

Importing GPG key 0x240A5DB2 "Nordugrid <security@nordugrid.org>" from  
http://download.nordugrid.org/RPM-GPG-KEY-nordugrid

Is this ok [y/N]: y

UMD-3-updates/gpgkey

| 1.8 kB 00:00

Running rpm\_check\_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

Installing : openldap-clients

1/17

Installing : openldap-servers

2/17

Installing : glue-validator

3/17

Installing : glue-schema

4/17

Installing : glue-validator-cron

5/17

Installing : glite-yaim-bdii

6/17

Installing : emi-version  
7/17  
Installing : glite-info-provider-service  
8/17  
Installing : lib64ldap2.4\_2  
9/17  
Installing : openldap2.4-clients  
10/17  
Installing : openldap2.4-extra-schemas  
11/17  
useradd: user ldap exists  
Adding user ldap to group ldap  
Installing : openldap2.4-servers  
12/17  
Generating self-signed certificate...  
To generate a self-signed certificate, you can use the utility  
/usr/share/openldap2.4/gencert.sh...  
Installing : bdii  
13/17  
Installing : emi-resource-information-service  
14/17  
Installing : qcg-egi-is-conf  
15/17

The package requires initial configuration in order to be used by QCG providers.  
Run `qcg-info-site-config -s <site-ID>` to set appropriate data.  
The list of available site-IDs can be found at [https://goc.egi.eu/portal/index.php?Page\\_Type=Sites](https://goc.egi.eu/portal/index.php?Page_Type=Sites)

Installing : qcg-ntf-egi-is-provider  
16/17  
Installing : openldap2.4  
17/17

Installed:  
qcg-ntf-egi-is-provider.noarch 0:3.4.0-3

Dependency Installed:  
bdii.noarch 0:5.2.22-1.el5 emi-resource-information-service.noarch  
0:1.0.3-1.el5 emi-version.x86\_64 0:3.7.4-1.el5  
glite-info-provider-service.noarch 0:1.13.3-1.el5 glite-yaim-bdii.noarch 0:4.3.15-  
1.el5 glue-schema.noarch 0:2.0.10-1.el5  
glue-validator.noarch 0:2.0.22-0.el5 glue-validator-cron.noarch 0:1.3.0-  
1.el5 lib64ldap2.4\_2.x86\_64 0:2.4.22-1.el5  
openldap-clients.x86\_64 0:2.3.43-28.el5\_10 openldap-servers.x86\_64 0:2.3.43-  
28.el5\_10 openldap2.4.x86\_64 0:2.4.22-1.el5  
openldap2.4-clients.x86\_64 0:2.4.22-1.el5 openldap2.4-extra-schemas.noarch  
0:1.3-10.el5 openldap2.4-servers.x86\_64 0:2.4.22-1.el5  
qcg-egi-is-conf.noarch 0:3.4.0-3

*Complete!*

```
[root@qcg-ntf ~]# qcg-info-site-config -s WCSS-PPS
```

```
[root@qcg-ntf ~]# qcg-info-site-config -d
```

```
QCG_SITE_ID=WCSS-PPS
```

```
[root@qcg-ntf ~]# vi /etc/sysconfig/bdii
```

```
[root@qcg-ntf ~]# rm -f /etc/cron.daily/ldap-hot-db-backup2.4
```

```
[root@qcg-ntf ~]# # the commands required only on SL5:
```

```
[root@qcg-ntf ~]# chkconfig ldap off
```

```
[root@qcg-ntf ~]# chkconfig ldap2.4 off
```

```
[root@qcg-ntf ~]#
```

```
[root@qcg-ntf ~]# # required on SL5 and SL6:
```

```
[root@qcg-ntf ~]# chkconfig bdii on
```

```
[root@qcg-ntf ~]# service bdii start
```

```
Starting BDII slapd:
```

```
[ OK ]
```

```
Starting BDII update process:
```

```
[ OK ]
```