

## Quality Criteria Verification

### Executive Summary

#### For QCV, Stage Rollout, DMSU and EGI internal

Name of the component	emi.bdii-core.sl5.x86_64-1.5.1		
Release	UMD 3.0	RT Ticket	4256
Software Provider			
Release Contact	Name: Cristina Aiftimei	E-Mail: cristina.aiftimei@pd.infn.it	
Validator	Name:Joao Pina	E-Mail: jpina@lip.pt	
V. Hours Worked	3		
Component status	<b>ACCEPTED</b>	Date	5/06/2013
Verification start date	05/06/2013	Verification end date	05/06/2013

### Summary:

The emi-bdii-core verification was made by upgrading from latest production release bdii-5.2.20-1.el6.noarch.rpm (test was performed in both top-bdii). The UMD3 verification repository was used without any problem.

### Repositories used:

EMI.bdii-core.sl6.x86\_64]

name=EMI.bdii-core.sl6.x86\_64

baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.emi.bdii-core.sl6.x86\_64/1/5/1/

enabled=1

protect=1

priority=1

gpgcheck=1

gpgkey=<http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi>

```
[root@topbdii02 ~]# cat /etc/yum.repos.d/epel.repo
```

```
[epel]
```

```
name=Extra Packages for Enterprise Linux 6 - $basearch
```

```
#baseurl=http://download.fedoraproject.org/pub/epel/6/$basearch
```

```
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-6&arch=$basearch
```

```
failovermethod=priority
```

```
enabled=1
```

```
gpgcheck=1
```

```
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL
```

```
[epel-debuginfo]
```

```
name=Extra Packages for Enterprise Linux 6 - $basearch - Debug
```

```
#baseurl=http://download.fedoraproject.org/pub/epel/6/$basearch/debug
```

```
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-debug-6&arch=$basearch
```

```
failovermethod=priority
```

```
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL
gpgcheck=1
```

```
[epel-source]
name=Extra Packages for Enterprise Linux 6 - $basearch - Source
#baseurl=http://download.fedoraproject.org/pub/epel/6/SRPMS
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-source-6&arch=$basearch
failovermethod=priority
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL
gpgcheck=1
```

**Installation:**

```
[root@topbdii02 yum.repos.d]# yum update
Loaded plugins: fastestmirror, priorities, protectbase, security
Determining fastest mirrors
* base: mirrors.nfsi.pt
* epel: mirror.uv.es
* extras: mirrors.nfsi.pt
* updates: mirrors.nfsi.pt
EMI.bdii-core.sl6.x86_64 | 1.9 kB 00:00
EMI.bdii-core.sl6.x86_64/primary_db | 3.6 kB 00:00
base | 3.7 kB 00:00
base/primary_db | 4.4 MB 00:00
epel | 4.2 kB 00:00
epel/primary_db | 5.2 MB 00:00
extras | 3.5 kB 00:00
extras/primary_db | 19 kB 00:00
updates | 3.4 kB 00:00
updates/primary_db | 2.6 MB 00:00
3 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Update Process
Resolving Dependencies
--> Running transaction check
---> Package bdii.noarch 0:5.2.17-2.el6 will be updated
---> Package bdii.noarch 0:5.2.20-1.el6 will be an update
---> Package glue-validator.noarch 0:1.0.5-1.el6 will be updated
---> Package glue-validator.noarch 0:2.0.17-0.el6 will be an update
---> Package glue-validator-cron.noarch 0:1.0.2-1.el6 will be updated
---> Package glue-validator-cron.noarch 0:1.2.0-1.el6 will be an update
--> Finished Dependency Resolution
```

Dependencies Resolved

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

Package	Arch	Version	Repository	Size
---------	------	---------	------------	------

```

=====
Updating:
bdii                noarch                5.2.20-1.el6                EMI.bdii-core.sl6.x86_64                24 k
glue-validator      noarch                2.0.17-0.el6                EMI.bdii-core.sl6.x86_64                67 k
glue-validator-cron noarch                1.2.0-1.el6                 EMI.bdii-core.sl6.x86_64                3.8
k

```

Transaction Summary

Upgrade 3 Package(s)

Total download size: 95 k

Is this ok [y/N]: yy

Is this ok [y/N]: y

Downloading Packages:

```

(1/3): bdii-5.2.20-1.el6.noarch.rpm                | 24 kB  00:00
(2/3): glue-validator-2.0.17-0.el6.noarch.rpm      | 67 kB  00:00
(3/3): glue-validator-cron-1.2.0-1.el6.noarch.rpm  | 3.8 kB  00:00

```

-----  
Total 68 kB/s | 95 kB 00:01

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```

Updating : glue-validator-2.0.17-0.el6.noarch                1/6
Updating : glue-validator-cron-1.2.0-1.el6.noarch            2/6
Updating : bdii-5.2.20-1.el6.noarch                          3/6
Cleanup  : glue-validator-cron-1.0.2-1.el6.noarch            4/6
Cleanup  : glue-validator-1.0.5-1.el6.noarch                  5/6
Cleanup  : bdii-5.2.17-2.el6.noarch                          6/6
Verifying : glue-validator-2.0.17-0.el6.noarch                1/6
Verifying : glue-validator-cron-1.2.0-1.el6.noarch            2/6
Verifying : bdii-5.2.20-1.el6.noarch                          3/6
Verifying : bdii-5.2.17-2.el6.noarch                          4/6
Verifying : glue-validator-cron-1.0.2-1.el6.noarch            5/6
Verifying : glue-validator-1.0.5-1.el6.noarch                  6/6

```

Updated:

```

bdii.noarch 0:5.2.20-1.el6                glue-validator.noarch 0:2.0.17-0.el6                glue-validator-cron.noarch 0:1.2.0-1.el6

```

Complete!

[root@topbdii02 yum.repos.d]# /etc/init.d/bdii restart

```

Stopping BDII update process:          [ OK ]
Stopping BDII slapd:                    [ OK ]
Starting BDII slapd:                    [ OK ]
Starting BDII update process:           [ OK ]

```

## GGUS Tickets:

## Summary of Quality Criteria verification:

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

## Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/N)	Tested (TP/VLD)	Comments	RELEASE:	VALIDATOR:	RT TICKET:
<b>DOCUMENTATION QC</b>						
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="https://tomtools.cern.ch/confluence/display/IS/BDII">https://tomtools.cern.ch/confluence/display/IS/BDII</a>			
GENERIC_DOC_2 (Release Notes)	NA	VLD	<a href="https://rt.egi.eu/rt/Ticket/Display.html?id=4256">https://rt.egi.eu/rt/Ticket/Display.html?id=4256</a>			
GENERIC_DOC_3 (User Documentation)	Y	VLD	<a href="https://tomtools.cern.ch/confluence/display/IS/BDII">https://tomtools.cern.ch/confluence/display/IS/BDII</a>			
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	<a href="https://tomtools.cern.ch/confluence/display/IS/BDII">https://tomtools.cern.ch/confluence/display/IS/BDII</a>			
GENERIC_DOC_5 (API Documentation)	Y	VLD	<a href="https://tomtools.cern.ch/confluence/display/IS/BDII">https://tomtools.cern.ch/confluence/display/IS/BDII</a>			
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	<a href="https://tomtools.cern.ch/confluence/display/IS/BDII">https://tomtools.cern.ch/confluence/display/IS/BDII</a>			
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	<a href="https://tomtools.cern.ch/confluence/display/IS/BDII">https://tomtools.cern.ch/confluence/display/IS/BDII</a>			
GENERIC_DOC_8 (Software License)	Y	VLD	/usr/share/doc/bdii-5.2.12/copyright			
GENERIC_DOC_9 (Release changes testing)	Y	VLD	<a href="https://rt.egi.eu/rt/Ticket/Display.html?id=4256">https://rt.egi.eu/rt/Ticket/Display.html?id=4256</a>			
<b>SOFTWARE DISTRIBUTION QC</b>						
GENERIC_DIST_1 (Source Code Availability)	Y	VLD				
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	Packaging: rpm for SL6/64 bits			
<b>SOFTWARE FEATURES QC</b>						
GENERIC_SOFT_1 (Backwards Compatibility)						
GENERIC_SOFT_2 (New features testing)						
<b>SERVICE CRITERIA QC</b>						
GENERIC_SERVICE_1 (Service control and status)	Y	VLD	/etc/init.d/bdii {start stop restart status condrestart}			
GENERIC_SERVICE_2 (Log Files)	Y	VLD	/var/log/bdii/bdii-update.log OK /var/log/glue-validator/glue1-validator.log /var/log/glue-validator/glue2-validator.log			
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD	responding well to ldap searches			
GENERIC_SERVICE_4 (Service Robustness)	Y	VLD	working 24h without problems (monitored by magios)			
GENERIC_SERVICE_5 (Automatic Configuration)	Y	VLD				
GENERIC_SERVICE_6 (Default Password Configuration)	NA					
<b>SECURITY QC</b>						
GENERIC_SEC_1 (World Writable Files)	Y	VLD				
GENERIC_SEC_3 (Passwords in world readable files)	Y	VLD				
<b>MISCELLANEOUS QC</b>						
GENERIC_MISC_2 (Bug Tracking System)	NA					
<b>AUTHENTICATION QC</b>						
AUTHN_IFACE_1 (X.509 Certificate support)	NA					
<b>INFORMATION MODEL QC</b>						
INFOMODEL_SCHEMA_1 (GlueSchema Support)	Y	VLD	ldapsearch -x -h topbdii02.ncg.ingrid.pt -p 2170 -b mds-vo-name=resource,o=grid			
INFOMODEL_SCHEMA_2 (Middleware Version Information)	Y	VLD	ldapsearch -x -h topbdii02.ncg.ingrid.pt -p 2170 -b "mds-vo-name=resource,o=grid" OK			
<b>INFORMATION DISCOVERY QC</b>						
INFODISC_IFACE_1 (Information Discovery Interface)	NA					
INFODISC_AGG_1 (Information Filtering)	Optional					
INFODISC_AGG_2 (Information Aggregation)	NA					
INFODISC_AGG_3 (Dynamic Information Aggregation)	NA					
INFODISC_AVAIL_1 (Top Information System Size)	NA					
<b>MONITORING PROBES QC</b>						
MON_PROBE_GENERIC_2 (Service Probe)	Optional					

**Validator comments:**

No issues found during installation nor configuration also tested the new validator script.

**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):**

- Review criteria xxxx
- Add criteria xxxx

**Comments for SR (TSA1.3):**

**Comments for DMSU (TSA2.5):**

**Comments for TP:**