

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

Name of the component	emi.bdii-top.sl6.x86_64-1.0.2		
Release	UMD 2.0	RT Ticket	4142
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	8h		
Component status	ACCEPTED	Date	27/06/2012
Verification start date	08/06/2012	Verification end date	30/06/2012

Summary:

The emi-bdii-top was clean installed from the UMD verification repository without any problem. Configuration used also without any problem found.

Repositories used:

```
[root@topbdii02 opt]# UMD repositories
yum install umd-release-2.0.0-1.el6.noarch
```

base and untested enabled

Installation:

```
[root@topbdii02 yum.repos.d]# yum install emi-bdii-top.x86_64
```

```
Jul 27 17:27:00 Installed: 1:qt-4.6.2-20.el6.x86_64
Jul 27 17:27:00 Installed: 1:perl-ExtUtils-ParseXS-2.2003.0-119.el6_1.1.x86_64
Jul 27 17:27:01 Installed: 4:perl-devel-5.10.1-119.el6_1.1.x86_64
Jul 27 17:27:01 Installed: perl-Test-Harness-3.17-119.el6_1.1.x86_64
Jul 27 17:27:02 Installed: perl-ExtUtils-MakeMaker-6.55-119.el6_1.1.x86_64
Jul 27 17:27:02 Installed: libmng-1.0.10-4.1.el6.x86_64
Jul 27 17:27:03 Installed: glite-info-provider-service-1.8.1-2.el6.noarch
Jul 27 17:27:03 Installed: glue-schema-2.0.8-1.el6.noarch
Jul 27 17:27:03 Installed: foomatic-db-filesystem-4.0-7.20091126.el6.noarch
Jul 27 17:27:06 Installed: glite-info-update-endpoints-2.0.7-1.el6.noarch
Jul 27 17:27:06 Installed: openldap-clients-2.4.23-20.el6.x86_64
Jul 27 17:27:06 Installed: glue-validator-1.0.2-3.el6.noarch
Jul 27 17:27:07 Installed: qt3-3.3.8b-30.el6.x86_64
Jul 27 17:27:07 Installed: perl-Test-Simple-0.92-119.el6_1.1.x86_64
Jul 27 17:27:07 Installed: 1:qt-sqlite-4.6.2-20.el6.x86_64
Jul 27 17:27:07 Installed: gstreamer-tools-0.10.29-1.el6.x86_64
Jul 27 17:27:08 Installed: gstreamer-0.10.29-1.el6.x86_64
```

Jul 27 17:27:08 Installed: pax-3.4-10.1.el6.x86_64
Jul 27 17:27:09 Installed: portreserve-0.0.4-4.el6_1.1.x86_64
Jul 27 17:27:09 Installed: libsemanage-python-2.0.43-4.1.el6.x86_64
Jul 27 17:27:09 Installed: cdparanoia-libs-10.2-5.1.el6.x86_64
Jul 27 17:27:09 Installed: xml-common-0.6.3-32.el6.noarch
Jul 27 17:27:10 Installed: iso-codes-3.16-2.el6.noarch
Jul 27 17:27:11 Installed: libgudev1-147-2.40.el6.x86_64
Jul 27 17:27:11 Installed: libtool-ltdl-2.2.6-15.5.el6.x86_64
Jul 27 17:27:13 Installed: openldap-servers-2.4.23-20.el6.x86_64
Jul 27 17:27:13 Installed: glite-info-provider-ldap-1.4.1-1.el6.noarch
Jul 27 17:27:13 Installed: poppler-utils-0.12.4-3.el6_0.1.x86_64
Jul 27 17:27:15 Installed: 1:cups-1.4.2-44.el6.x86_64
Jul 27 17:27:22 Installed: foomatic-db-ppds-4.0-7.20091126.el6.noarch
Jul 27 17:27:25 Installed: foomatic-db-4.0-7.20091126.el6.noarch
Jul 27 17:27:25 Installed: foomatic-4.0.4-1.el6_1.1.x86_64
Jul 27 17:27:25 Installed: redhat-lsb-printing-4.0-3.el6.centos.x86_64
Jul 27 17:27:26 Installed: audit-libs-python-2.1.3-3.el6.x86_64
Jul 27 17:27:26 Installed: emi-version-2.0.0-1.sl6.x86_64
Jul 27 17:27:26 Installed: libXv-1.0.5-1.el6.x86_64
Jul 27 17:27:26 Installed: libXxf86vm-1.1.0-1.el6.x86_64
Jul 27 17:27:29 Installed: mesa-dri-drivers-7.11-3.el6.x86_64
Jul 27 17:27:29 Installed: mesa-libGL-7.11-3.el6.x86_64
Jul 27 17:27:29 Installed: mesa-libGLU-7.11-3.el6.x86_64
Jul 27 17:27:30 Installed: perl-CGI-3.51-119.el6_1.1.x86_64
Jul 27 17:27:31 Installed: libcgrouper-0.37-3.el6.x86_64
Jul 27 17:27:31 Installed: libvisual-0.4.0-9.1.el6.x86_64
Jul 27 17:27:31 Installed: glite-info-plugin-fcr-3.0.0-1.el6.noarch
Jul 27 17:27:31 Installed: libselinux-python-2.0.94-5.2.el6.x86_64
Jul 27 17:27:32 Installed: setools-libs-3.3.7-4.el6.x86_64
Jul 27 17:27:32 Installed: setools-libs-python-3.3.7-4.el6.x86_64
Jul 27 17:27:32 Installed: polycoreutils-python-2.0.83-19.18.el6.x86_64
Jul 27 17:28:42 Installed: bdii-5.2.10-1.el6.noarch
Jul 27 17:28:42 Installed: emi-resource-information-service-1.0.2-1.sl6.x86_64
Jul 27 17:28:42 Installed: bdii-config-top-1.0.5-1.el6.noarch
Jul 27 17:28:42 Installed: glite-yaim-bdii-4.3.9-1.el6.noarch
Jul 27 17:28:42 Installed: liboil-0.3.16-4.1.el6.x86_64
Jul 27 17:28:43 Installed: gstreamer-plugins-base-0.10.29-1.el6.x86_64
Jul 27 17:28:46 Installed: 1:qt-x11-4.6.2-20.el6.x86_64
Jul 27 17:28:46 Installed: 1:phonon-backend-gstreamer-4.6.2-20.el6.x86_64
Jul 27 17:28:46 Installed: redhat-lsb-graphics-4.0-3.el6.centos.x86_64
Jul 27 17:28:46 Installed: redhat-lsb-4.0-3.el6.centos.x86_64
Jul 27 17:28:47 Installed: glite-yaim-core-5.1.0-1.sl6.noarch
Jul 27 17:28:47 Installed: emi-bdii-top-1.0.1-2.sl6.x86_64
Jul 30 12:00:42 Installed: glite-yaim-core-5.1.0-1.sl6.noarch
Jul 30 12:03:00 Installed: glite-yaim-bdii-4.3.9-1.el6.noarch
Jul 30 12:05:04 Installed: glite-info-provider-ldap-1.4.1-1.el6.noarch
Jul 30 12:07:22 Installed: glite-info-plugin-fcr-3.0.0-1.el6.noarch

yum update:

Jul 30 15:43:52 Updated glite-info-update-endpoints-2.0.10-1.el6.noarch

Jul 30 15:44:13 Updated: bdii-config-top-1.0.6-1.el6.noarch
 Jul 30 15:44:13 Updated: glite-info-plugin-fcr-3.0.4-1.el6.noarch

GGUS Tickets:

Summary of Quality Criteria verification:

Generic Quality Criteria Total (Critical/Non critical)				
	Passed	Not passed	Not Applicable	Total
TP				
VLD	19		6	25
Specific Quality Criteria				
TP				
VLD	1		5	1

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments	RELEASE:	VALIDATOR:
DOCUMENTATION QC					
GENERIC_DOC_1 (Functional Description)	Y	VLD	https://tomtools.cern.ch/confluence/display/IS/BDII		
GENERIC_DOC_2 (Release Notes)	NA	VLD	https://twiki.cern.ch/twiki/bin/view/EMI/EMI2Final#BDII_site_task_23310		
GENERIC_DOC_3 (User Documentation)	Y	VLD	https://tomtools.cern.ch/confluence/display/IS/BDII		
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	https://tomtools.cern.ch/confluence/display/IS/BDII		
GENERIC_DOC_5 (API Documentation)	Y	VLD	https://tomtools.cern.ch/confluence/display/IS/BDII		
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	https://tomtools.cern.ch/confluence/display/IS/BDII		
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	https://tomtools.cern.ch/confluence/display/IS/BDII		
GENERIC_DOC_8 (Software License)	Y	VLD	/usr/share/doc/bdii-5.2.10/copyright		
GENERIC_DOC_9 (Release changes testing)	Y	VLD	https://twiki.cern.ch/twiki/bin/view/EMI/EMI2Final#BDII_site_task_23310		
SOFTWARE DISTRIBUTION QC					
GENERIC_DIST_1 (Source Code Availability)	Y	VLD			
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	Packaging: rpm for SL6/64 bits		
SOFTWARE FEATURES QC					
GENERIC_SOFT_1 (Backwards Compatibility)					
GENERIC_SOFT_2 (New features testing)					
SERVICE CRITERIA QC					
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		
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD	responding well to ldap searches		
GENERIC_SERVICE_4 (Service Robustness)	Y	VLD	working 24h without problems		
GENERIC_SERVICE_5 (Automatic Configuration)	Y	VLD			
GENERIC_SERVICE_6 (Default Password Configuration)	NA				
SECURITY QC					
GENERIC_SEC_1 (World Writable Files)	NA		Not verified		
GENERIC_SEC_3 (Passwords in world readable files)	Y	VLD			
MISCELLANEOUS QC					
GENERIC_MISC_2 (Bug Tracking System)	NA				
AUTHENTICATION QC					
AUTHN_IFACE_1 (X.509 Certificate support)	NA				
INFORMATION MODEL QC					
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		
INFORMATION DISCOVERY QC					
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				
MONITORING PROBES QC					
MON_PROBE_GENERIC_2 (Service Probe)	Optional				

Quality Criteria verification cheatsheet:

Validator comments:

No issues found during installation nor configuration **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: