

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

Name of the component	blah		
Release	1.16.4	RT Ticket	#3318
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	Cristina Aiftimiei	cristina.aiftimiei@pd.infn.it	
Validator	Name:	E-Mail	
	Alvaro Simon	asimon@cesga.es	
V. Hours Worked	6		
Component status	Verified	Date	20/01/12
Verification start date	19/01/12	Verification end date	20/01/12

Summary:

This new blah update includes a memory leak fix for torque and lsf batch systems. We have no detected any memory leak after blah 1.16.4 update. Cream node is working properly.

GGUS Tickets:

none

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	17	0	0	17
	Specific Quality Criteria			
TP				
VLD	25	0	0	25

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
Generic QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	
GENERIC_DOC_2 (Release Notes)	Y	VLD	
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	
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 status)	Y	VLD	
GENERIC_SERVICE_2 (Log Files)	Y	VLD	
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD	
GENERIC_SERVICE_4 (Service Robustness)	Y	VLD	
GENERIC_SERVICE_4 (Automatic Configuration)	Y	VLD	
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_2 (Directory Traversal Attacks testing)	Optional		
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	
Security Capabilities QC			
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	
AUTHN_IFACE_1 (X509 Certificate support)	Y	VLD	
AUTHN_IFACE_2 (SAML authentication)	Optional		
AUTHN_DELEG_1 (Delegation Interface)	Y	VLD	
AUTHZ_PCYDEF_3 (Ban UserFQAN)	Y	VLD	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	
AUTHZ_PEP_1 (Policy Enforcement)	Y	VLD	
AUTHZ_PEP_2 (User Mapping)	Y	VLD	
Information Capabilities QC			
CREDMGMT_LINK_1 (Institutional Authentication Linking)	Y	VLD	
INFOMODEL_SCHEMA_1 (GlueSchema Support)	Y	VLD	
INFODISC_IFACE_1 (Information Discovery Interface)	Y	VLD	
Compute Capabilities QC			
MSG_IFACE_1 (Messaging Interface)	Y	VLD	
JOBEXEC_IFACE_1 (Job Execution Interface)	Y	VLD	
JOBEXEC_JOB_1 (Simple Job)	Y	VLD	
JOBEXEC_JOB_2 (Simple Job with inputoutput files)	Y	VLD	
JOBEXEC_JOB_3 (Cancel Job)	Y	VLD	
JOBEXEC_EXECMNGR_1 (Not Invasive Deployment)	Y	VLD	
JOBEXEC_EXECMNGR_2 (Job Management)	Y	VLD	
JOBEXEC_EXECMNGR_3 (Information Retrieval)	Y	VLD	
JOBEXEC_AVAIL_1 (Service Redundancy)	Y	VLD	
JOBEXEC_AVAIL_2 (Self Disabling Mechanism)	Y	VLD	
JOBEXEC_AVAIL_3 (Job Submission Peaks)	Y	VLD	
JOBEXEC_AVAIL_4 (Timely Job Status Updates)	Y	VLD	
PARALLEL_JOB_1 (Simple parallel job submission)	Y	VLD	
PARALLEL_JOB_2 (Single machine parallel job submission)	Y	VLD	
PARALLEL_JOB_3 (Fine grained mapping parallel job submis	Y	VLD	

Validator comments:

blah update
=====

EMI doc: http://www.eu-emi.eu/emi-1-kebnekaise-updates/-/asset_publisher/Ir6q/content/update-12-19-01-2012#BLAH_v_1_16_4_task_25000

- * This updates of BLAH fixes a memory leak in the bupdater for PBS/Torque and LSF.
- * It also addresses a problem affecting bupdater and bnotifier start with GE

* Install new testing repo:

```
{{  
# cat EMI.blah.s15.x86_64.repo  
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (3318,410,332)
```

```
[EMI.blah.s15.x86_64]  
name=EMI.blah.s15.x86_64  
baseurl=http://admin-repo.egi.eu/sw/unverified/emi.blah.s15.x86_64/1/16/4/  
enabled=1  
protect=1  
priority=15  
gpgcheck=1  
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/1/RPM-GPG-KEY-emi  
}}}
```

```
# yum clean all  
# yum update
```

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

Package	Arch
Version	Repository
Size	

```
=====  
=====  
Updating:  
emi-version                x86_64  
1.8.0-1.s15                EMI.blah.s15.x86_64  
2.1 k  
glite-ce-blahp            x86_64  
1.16.4-1.s15              EMI.blah.s15.x86_64  
528 k
```

Transaction Summary

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

```
Install      0 Package(s)  
Upgrade     2 Package(s)
```

Total download size: 530 k

```
# /opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n MPI_CE -n creamCE -n  
TORQUE_server -n TORQUE_utils
```

TESTING
=====

```
# $ glite-ce-delegate-proxy -e test06.egi.cesga.es asimon  
2012-01-19 18:11:55,832 NOTICE - Proxy with delegation id [asimon] succesfully delegated to endpoint  
[https://test06.egi.cesga.es:8443//ce-cream/services/gridsite-delegation]
```

```
[root@test06 home]# free  
              total        used        free      shared    buffers     cached  
Mem:           1048576      1036988      11588           0         24752      574964  
-/+ buffers/cache: 437272      611304  
Swap:          2199544         51808      2147736
```

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: