

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

Name of the component			
Release	<b>EMI.cream x86_64 1.14.3</b>	RT Ticket	#5007-#5014
Software Provider			
Release Contact	Name: Cristina Aiftimiei	E-Mail: cristina.aiftimiei@pd.infn.it	
Validator	Name: Álvaro Simón	E-Mail: asimon@cesga.es	
V. Hours Worked	6		
Component status	<b>Verified</b>	Date	05/03/13
Verification start date	04/03/13	Verification end date	05/03/13

**Summary:**

**EMI.cream.sl6.x86\_64-1.14.3 was updated from UMD-2 without any important issue.**

**GGUS Tickets:**

World-writable file issue:

[https://ggus.eu/ws/ticket\\_info.php?ticket=92157](https://ggus.eu/ws/ticket_info.php?ticket=92157)

workaround:

```
# chmod 660 /var/blah/user_blah_job_registry.bjr/registry.locktest
```

**Summary of Quality Criteria verification:**

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
<b>TP</b>				
<b>VLD</b>	4	1		5
	Specific Quality Criteria			
<b>TP</b>				
<b>VLD</b>	12			12



Criteria	Accepted (Y/N/N Tested (TP/VLD)	Comments
<b>DOCUMENTATION QC</b>		
GENERIC_DOC_1 (Functional Description)	Optional	
GENERIC_DOC_2 (Release Notes)	Y	VLD
GENERIC_DOC_3 (User Documentation)	Optional	
GENERIC_DOC_4 (Online help (man pages))	Optional	
GENERIC_DOC_5 (API Documentation)	Optional	
GENERIC_DOC_6 (Administrator Documentation)	Optional	
GENERIC_DOC_7 (Service Reference Card)	Optional	
GENERIC_DOC_8 (Software License)	Y	VLD
GENERIC_DOC_9 (Release changes testing)	Optional	
<b>SOFTWARE DISTRIBUTION QC</b>		
GENERIC_DIST_1 (Source Code Availability)	Y	VLD
GENERIC_DIST_3 (Binary Distribution)	Y	VLD
<b>SOFTWARE FEATURES QC</b>		
GENERIC_SOFT_1 (Backwards Compatibility)	Y	VLD
GENERIC_SOFT_2 (New features testing)		
<b>SERVICE CRITERIA QC</b>		
GENERIC_SERVICE_1 (Service control and status)	Y	VLD
GENERIC_SERVICE_2 (Log Files)	Y	VLD
GENERIC_SERVICE_3 (Service Reliability)	Optional	
GENERIC_SERVICE_4 (Service Robustness)	Optional	
GENERIC_SERVICE_5 (Automatic Configuration)	Optional	
GENERIC_SERVICE_6 (Default Password Configuration)	Y	VLD
GENERIC_SERVICE_7 (Default Configuration )	Y	VLD
<b>SECURITY QC</b>		
GENERIC_SEC_1 (World Writable Files)	N	VLD
GENERIC_SEC_3 (Passwords in world readable files)	Y	VLD
<b>MISCELLANEOUS QC</b>		
GENERIC_MISC_1 (Bug Tracking System)		
<b>AUTHENTICATION QC</b>		
AUTHN_CRED_1 (X.509 Certificate support)	Y	VLD
AUTHN_CRED_2 (SHA2 Certificate support)	Optional	
AUTHN_CRED_3 (RFC Proxy support)	Optional	
AUTHN_PROTO_1 (TLS/SSLv3 Support)		
AUTHN_DELEG_1 (Delegation Interface)		
<b>AUTHORISATION QC</b>		
AUTHZ_PCYDEF_3 (Ban UserGroup of users)		
AUTHZ_PCYDEF_4 (Allowed users definition)		
AUTHZ_PEP_2 (User Mapping)		
<b>JOB EXECUTION QC</b>		
JOBEXEC_IFACE_1 (Job Execution Interface)	Y	VLD
JOBEXEC_JOB_1 (Simple Job)	Y	VLD
JOBEXEC_JOB_2 (Simple Job with input/output files)	Y	VLD
JOBEXEC_JOB_3 (Cancel Job)	Y	VLD
JOBEXEC_EXECMNGR_1 (Not Invasive Deployment)		
JOBEXEC_EXECMNGR_2 (Job Management)	Y	VLD
JOBEXEC_EXECMNGR_3 (Information Retrieval)		
JOBEXEC_AVAIL_1 (Service Redundancy)		
JOBEXEC_AVAIL_2 (Self Disabling Mechanism)	Optional	
JOBEXEC_AVAIL_4 (Timely Job Status Updates)	Optional	
<b>PARALLEL JOB QC</b>		
PARALLEL_JOB_1 (Simple parallel job submission)		
PARALLEL_JOB_2 (Single machine parallel job submission)	Optional	
PARALLEL_JOB_3 (Fine grained mapping parallel job submission)	Optional	
<b>MONITORING PROBES QC</b>		
MON_PROBE_GENERIC_1 (Certificate Lifetime Probe)	Optional	
MON_PROBE_GENERIC_2 (Service Probe)	Optional	
MON_PROBE_JOBEXEC_1 (Job Execution Probe)		
MON_PROBE_JOBEXEC_2 (CREAM Job Execution Probe)		
<b>ACCOUNTING CAPABILITY QC</b>		
ACC_JOBEXEC_1 (Job Execution Appliances Accounting)		
<b>CLIENT TOOLS QC</b>		
CLIENT_TOOLS_1 (Command line options coherency)	Optional	
CLIENT_TOOLS_2 (Error Messages)	Optional	

**Validator comments:**

SL5

=====

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

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

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

```
Updating:
cleanup-grid-accounts      noarch
2.0.1-1                    EMI.cream.s15.x86_64
7.0 k
glite-ce-cream             noarch
1.14.3-1.s15              EMI.cream.s15.x86_64
559 k
glite-ce-cream-api-java   noarch
1.14.3-1.s15              EMI.cream.s15.x86_64
2.8 M
glite-ce-cream-core       noarch
1.14.3-1.s15              EMI.cream.s15.x86_64
424 k
glite-ce-cream-es         noarch
1.14.3-1.s15              EMI.cream.s15.x86_64
67 k
glite-ce-cream-utils      x86_64
1.2.3-1.s15              EMI.cream.s15.x86_64
34 k
glite-ce-yaim-cream-ce    noarch
4.3.2-1.s15              EMI.cream.s15.x86_64
46 k
glite-yaim-torque-utils   noarch
5.1.1-1.s15              EMI.torque-server.s15.x86_64
8.5 k
info-dynamic-pbs         noarch
3.0.1-1.s15              EMI.cream-torque.s15.x86_64
6.1 k
jclassads                 noarch
2.4.0-3.s15              EMI.cream.s15.x86_64
95 k
lcg-info-dynamic-scheduler-pbs noarch
2.3.2-2.s15              EMI.cream-torque.s15.x86_64
23 k
```

Transaction Summary

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

```
Install      0 Package(s)
Upgrade      11 Package(s)
```

Total download size: 4.0 M

```
# /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
```

SL6

=====

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

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

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

```
Updating:
cleanup-grid-accounts      noarch
2.0.1-1                    EMI.cream.s16.x86_64
7.0 k
glite-ce-cream             noarch
1.14.3-1.s16              EMI.cream.s16.x86_64
532 k
glite-ce-cream-api-java   noarch
1.14.3-1.s16              EMI.cream.s16.x86_64
2.6 M
glite-ce-cream-core       noarch
1.14.3-1.s16              EMI.cream.s16.x86_64
420 k
glite-ce-cream-es         noarch
1.14.3-1.s16              EMI.cream.s16.x86_64
67 k
glite-ce-cream-utils      x86_64
1.2.3-1.s16              EMI.cream.s16.x86_64
33 k
```

```

glite-ce-yaim-cream-ce          noarch
4.3.2-1.s16                    EMI.cream.s16.x86_64
45 k
glite-yaim-torque-utils        noarch
5.1.1-1.s16                    EMI.torque-server.s16.x86_64
8.4 k
info-dynamic-pbs              noarch
3.0.1-1.s16                    EMI.cream-torque.s16.x86_64
6.3 k
jclassads                     noarch
2.4.0-3.s16                    EMI.cream.s16.x86_64
95 k
lcg-info-dynamic-scheduler-pbs noarch
2.3.2-2.s16                    EMI.cream-torque.s16.x86_64
21 k

```

Transaction Summary

```

=====
=

```

Upgrade 11 Package(s)

Total download size: 3.8 M

```

# /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 asimon2
Proxy with delegation id [asimon2] succesfully delegated to endpoint [test06.egi.cesga.es]

```

```

$ glite-ce-job-submit -D asimon2 -r test06.egi.cesga.es:8443/cream-pbs-GRID_ops testCREAM.jdl
https://test06.egi.cesga.es:8443/CREAM264759142

```

```

$ glite-ce-job-status -L 1 https://test06.egi.cesga.es:8443/CREAM264759142

```

```

***** JobID=[https://test06.egi.cesga.es:8443/CREAM264759142]
Current Status = [DONE-OK]
ExitCode       = [0]
Grid JobID     = [N/A]

```

Job status changes:

```

-----
Status      = [REGISTERED] - [Tue 05 Mar 2013 10:05:21] (1362474321)
Status      = [PENDING] - [Tue 05 Mar 2013 10:05:22] (1362474322)
Status      = [RUNNING] - [Tue 05 Mar 2013 10:05:26] (1362474326)
Status      = [REALLY-RUNNING] - [Tue 05 Mar 2013 10:05:26] (1362474326)
Status      = [DONE-OK] - [Tue 05 Mar 2013 10:05:28] (1362474328)

```

Issued Commands:

```

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```

```

*** Command Name      = [JOB_REGISTER]
Command Category     = [JOB_MANAGEMENT]
Command Status       = [SUCCESSFULL]

```

```

*** Command Name      = [JOB_START]
Command Category     = [JOB_MANAGEMENT]
Command Status       = [CREATED]

```

## 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):

GGUS ticket: [https://ggus.eu/ws/ticket\\_info.php?ticket=92157](https://ggus.eu/ws/ticket_info.php?ticket=92157)

/var/blah/user\_blah\_job\_registry.bjr/registry.locktest world-writable file change its premissions.

```
# chmod 660 /var/blah/user_blah_job_registry.bjr/registry.locktest
# ls -lisa /var/blah/user_blah_job_registry.bjr/registry.locktest
123081 0 -rw-rw---- 1 tomcat tomcat 0 mar  5 13:08 /var/blah/user_blah_job_registry.bjr/registry.locktest
```

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

### Comments for TP: