

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

Name of the component			
Release	EMI.cream.sl6/sl5.x86_64-1.16.1, EMI.blah.sl5/sl6.x86_64-1.20.2, EMI.cream-torque.sl5/sl6.x86_64-2.1.1, EMI.canl.sl5/sl6.x86_64-2.1.2 and EMI.gridsite.sl5/sl6.x86_64-2.1.2 were updated from UMD-3 without any issue.	RT Ticket	#5879, #5860, #5789, #5791, #5793, #5788, #5790, #5792, #5859 and #5878
Software Provider			
Release Contact	Name: Cristina Aiftimiei	E-Mail: cristina.aiftimiei@pd.infn.it	
Validator	Name: Esteban Freire García	E-Mail: esfreire@cesga.es	
V. Hours Worked	10		
Component status	Verified	Date	09/08/13
Verification start date	07/08/13	Verification end date	09/08/13

Summary:

EMI.cream.sl6/sl5.x86_64-1.16.1, EMI.blah.sl5/sl6.x86_64-1.20.2, EMI.cream-torque.sl5/sl6.x86_64-2.1.1, EMI.canl.sl5/sl6.x86_64-2.1.2 and EMI.gridsite.sl5/sl6.x86_64-2.1.2 were updated from UMD-3 without any issue.

GGUS Tickets:

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	18			18
	Specific Quality Criteria			
TP				
VLD	18			18

Quality Criteria verification cheatsheet:

Criteria	Accept	Test	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Optional		
GENERIC_DOC_2 (Release Notes)	Y	VLD	https://rt.egi.eu/rt/Ticket/Display.html?id=5790 https://rt.egi.eu/rt/Ticket/Display.html?id=5791
GENERIC_DOC_3 (User Documentation)	Y	VLD	https://wiki.italiangrid.it/wiki/bin/view/CREAM/UserGuideEMI3
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	https://wiki.italiangrid.it/CREAM
GENERIC_DOC_5 (API Documentation)	Y	VLD	https://wiki.italiangrid.it/wiki/bin/view/CREAM/DevelopersDocumentation
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	https://wiki.italiangrid.it/wiki/bin/view/CREAM/SystemAdministratorGuideForEMI3
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	https://wiki.italiangrid.it/wiki/bin/view/CREAM/ServiceReferenceCardEMI3
GENERIC_DOC_8 (Software License)	Y	VLD	Emi-cream: Apache Software License 2.0
GENERIC_DOC_9 (Release changes testing)	Y	VLD	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-6-08-07-2013-v-3-4-1
SOFTWARE DISTRIBUTION QC			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	http://admin-repo.egi.eu/sw/unverified/umd-3.emi.cream.sl6.x86_64/1/16/1/
SOFTWARE FEATURES QC			
GENERIC_SOFT_1 (Backwards Compatibility)	Y	VLD	
GENERIC_SOFT_2 (New features testing)	Y	VLD	
SERVICE CRITERIA QC			
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 Control)	Y	VLD	
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_3 (Passwords in world readable files)	Y	VLD	
MISCELLANEOUS QC			
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	GGUS
AUTHENTICATION QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	
AUTHN_DELEG_1 (Delegation Interface)	Y	VLD	
AUTHORISATION QC			
AUTHZ_PCYDEF_3 (Ban User/FQAN)	Y	VLD	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	
AUTHZ_PEP_1 (Policy Enforcement)	Y	VLD	
AUTHZ_PEP_2 (User Mapping)	Y	VLD	
JOB EXECUTION QC			
JOBEXEC_IFACE_1 (Job Execution Interface)	Y	VLD	
JOBEXEC_JOB_1 (Simple Job)	Y	VLD	
JOBEXEC_JOB_2 (Simple Job with input/output)	Y	VLD	
JOBEXEC_JOB_3 (Cancel Job)	Y	VLD	
JOBEXEC_EXECMNGR_1 (Not Invasive Dependencies)	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)	Optional		
JOBEXEC_AVAIL_4 (Timely Job Status Update)	Optional		
PARALLEL JOB QC			
PARALLEL_JOB_1 (Simple parallel job submission)	Y	VLD	
PARALLEL_JOB_2 (Single machine parallel job)	Optional		
PARALLEL_JOB_3 (Fine grained mapping parallel job)	Optional		
MONITORING PROBES QC			
MON_PROBE_GENERIC_1 (Certificate Lifetime)	Optional		
MON_PROBE_GENERIC_2 (Service Probe)	Optional		
MON_PROBE_JOBEXEC_1 (Job Execution Probe)	Y	VLD	
MON_PROBE_JOBEXEC_2 (CREAM Job Execution Probe)	Y	VLD	
ACCOUNTING CAPABILITY QC			
ACC_JOBEXEC_1 (Job Execution Appliances)	Y	VLD	
CLIENT TOOLS QC			
CLIENT_TOOLS_1 (Command line Options control)	Optional		
CLIENT_TOOLS_2 (Error Messages)	Optional		

Validator comments:

EMI.cream.sl6/sl5.x86_64-1.16.1, EMI.blah.sl5/sl6.x86_64-1.20.2, EMI.cream-torque.sl5/sl6.x86_64-2.1.1, EMI.canl.sl5/sl6.x86_64-2.1.2 and EMI.gridsite.sl5/sl6.x86_64-2.1.2 were updated from UMD-3 without any issue.

== EMI.cream.sl6/sl5.x86_64-1.16.1, EMI.blah.sl5/sl6.x86_64-1.20.2, EMI.cream-torque.sl5/sl6.x86_64-2.1.1, EMI.canl.sl5/sl6.x86_64-2.1.2 and EMI.gridsite.sl5/sl6.x86_64-2.1.2 ==

=== Tickets assigned ===

* SL6

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5879]]

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5860]]

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5789]]

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5791]]

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5793]]

* SL5

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5788]]

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5790]]

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5792]]

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5859]]

* [[https://rt.egi.eu/rt/Ticket/Display.html?id=5878]]

=== Repositories ===

(!) Verifier must install a new repo for each product, this information is available at RT ticket field:

{{{

```
EMI.blah.sl6.x86_64.repo
EMI.canl.sl6.x86_64.repo
EMI.cream.sl6.x86_64.repo
EMI.cream-torque.sl6.x86_64.repo
EMI.gridsite.sl6.x86_64.repo
}}}
```

```
=== Installing ===
```

```
==== Updating =====
```

```
* yum update
```

```
{{{
```

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

Package Repository	Arch Size	Version
glite-ce-monitor	noarch	1.16.1-2.el6
EMI.cream.sl6.x86_64	142 k	

```
Installing:
```

```
glite-ce-monitor          noarch          1.16.1-2.el6
EMI.cream.sl6.x86_64      142 k
```

```
replacing glite-ce-ce-plugin.noarch 1.15.1-1.sl6
```

```
Updating:
```

apel-lib EMI.cream-torque.sl6.x86_64	noarch 41 k	1.1.2-0.el6
apel-parsers EMI.cream-torque.sl6.x86_64	noarch 9.5 k	1.1.2-0.el6
argus-gsi-pep-callout EMI.cream.sl6.x86_64	x86_64 34 k	1.3.1-1.el6
canl-c EMI.canl.sl6.x86_64	x86_64 64 k	2.1.2-1.el6
dynsched-generic EMI.cream-torque.sl6.x86_64	noarch 23 k	2.5.2-2.el6
emi-cream-ce EMI.cream.sl6.x86_64	noarch 2.4 k	1.2.2-2.el6
emi-torque-utils EMI.cream-torque.sl6.x86_64	noarch 1.8 k	2.0.2-2.el6
emi-version EMI.cream-torque.sl6.x86_64	x86_64 2.2 k	3.2.1-1.sl6
glite-ce-blahp EMI.blah.sl6.x86_64	x86_64 678 k	1.20.2-1
glite-ce-common-java EMI.cream.sl6.x86_64	noarch 102 k	1.16.1-2.el6
glite-ce-cream EMI.cream.sl6.x86_64	noarch 77 k	1.16.1-2.el6
glite-ce-cream-api-java EMI.cream.sl6.x86_64	noarch 2.8 M	1.16.1-2.el6
glite-ce-cream-core EMI.cream.sl6.x86_64	noarch 420 k	1.16.1-2.el6
glite-ce-cream-es EMI.cream.sl6.x86_64	noarch 75 k	1.16.1-2.el6
glite-ce-cream-utils EMI.cream.sl6.x86_64	x86_64 36 k	1.3.2-2.el6
glite-ce-job-plugin EMI.cream.sl6.x86_64	noarch 11 k	1.16.1-2.el6
glite-ce-monitor-api-java EMI.cream.sl6.x86_64	noarch 391 k	1.16.1-2.el6

glite-ce-yaim-cream-ce EMI.cream.sl6.x86_64	noarch 47 k	4.4.3-2.el6
glite-jdl-api-java EMI.cream.sl6.x86_64	noarch 42 k	3.3.2-2.el6
glite-jobid-api-c EMI.cream.sl6.x86_64	x86_64 13 k	2.2.10-1.el6
glite-lb-common EMI.cream.sl6.x86_64	x86_64 104 k	9.0.7-1.el6
glite-lb-logger EMI.cream.sl6.x86_64	x86_64 70 k	2.4.20-1.el6
glite-lbjp-common-gss EMI.cream.sl6.x86_64	x86_64 22 k	3.2.13-1.el6
glite-lbjp-common-log EMI.cream.sl6.x86_64	x86_64 12 k	1.3.8-1.el6
glite-lbjp-common-trio EMI.cream.sl6.x86_64	x86_64 31 k	2.3.10-1.el6
glite-yaim-core EMI.cream-torque.sl6.x86_64	noarch 102 k	5.1.2-1.sl6
glite-yaim-torque-utils EMI.cream-torque.sl6.x86_64	noarch 7.5 k	5.1.2-2.el6
gridsite-libs EMI.gridsite.sl6.x86_64	x86_64 83 k	2.1.2-1.el6
lcg-info-dynamic-scheduler-pbs 2.el6	noarch EMI.cream-torque.sl6.x86_64	2.4.2- 15 k
lcmaps EMI.cream.sl6.x86_64	x86_64 76 k	1.6.1-1.el6
lcmaps-plugins-basic EMI.cream.sl6.x86_64	x86_64 40 k	1.6.1-1.el6
lcmaps-plugins-voms EMI.cream.sl6.x86_64	x86_64 49 k	1.6.1-1.el6
nspr sl-security	x86_64 111 k	4.9.5-2.el6_4

nss sl-security	x86_64 812 k	3.14.3-4.el6_4
nss-softokn sl-security	x86_64 249 k	3.14.3-3.el6_4
nss-softokn-freebl sl-security	x86_64 138 k	3.14.3-3.el6_4
nss-sysinit sl-security	x86_64 34 k	3.14.3-4.el6_4
nss-tools sl-security	x86_64 339 k	3.14.3-4.el6_4
nss-util sl-security	x86_64 62 k	3.14.3-3.el6_4

Installing for dependencies:

argus-pep-api-java EMI.cream.sl6.x86_64	noarch 58 k	2.2.0-1.el6
argus-pep-common EMI.cream.sl6.x86_64	noarch 264 k	2.3.0-1.el6
bouncycastle-mail EMI.cream.sl6.x86_64	noarch 468 k	1.46-1.sl6
canl-java EMI.cream.sl6.x86_64	noarch 263 k	1.2.0-0.sl6
canl-java-axis2 EMI.cream.sl6.x86_64	noarch 16 k	0.1.3-1.el6
canl-java-tomcat EMI.cream.sl6.x86_64	noarch 23 k	0.1.12-1.el6
glite-jobid-api-java EMI.cream.sl6.x86_64	noarch 11 k	1.3.6-1.el6
glite-lb-client-java EMI.cream.sl6.x86_64	x86_64 92 k	2.0.4-1.el6
jakarta-commons-codec 11.7.el6	x86_64 95 k	1.3-
sl		
jakarta-commons-io sl	noarch 104 k	1.4-3.el6

python-iso8601	noarch	0.1.4-2.el6
epel	12 k	
voms-api-java3	noarch	3.0.0-1.el6
EMI.cream.sl6.x86_64	118 k	

Transaction Summary

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

Install 13 Package(s)

Upgrade 39 Package(s)

}}}

==== Configuration of a CREAM CE node in no cluster mode =====

==== Configure the siteinfo.def file =====

* Set your siteinfo.def file, which is the input file used by yaim. Documentation about yaim variables relevant for CREAM CE is available at:

* [\[\[https://twiki.cern.ch/twiki/bin/view/LCG/Site-info_configuration_variables#cream_CE\]\]](https://twiki.cern.ch/twiki/bin/view/LCG/Site-info_configuration_variables#cream_CE)

===== Configuring with YAIM =====

{{{


```
[root@test06 etc]# /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
```

WARNING:

WARNING:

```
*****
*****
```

WARNING: Your siteinfo directory is world readable. This is generally a bad idea

WARNING: as configuration files may contain passwords and other sensitive information.

WARNING:

```
*****
*****
```

WARNING:

INFO: Configuring HOST: test06.egi.cesga.es

INFO: Using site configuration file: /opt/glite/yaim/etc/site-info.def

INFO:

```
#####
```

```
.      /'.-' )
.   yA,-"-,( ,m,:/ ) .oo.   oo   o   ooo o.   .oo
. /   .-Y a a Y-.   8. 8'  8'8.   8  8b d'8
. /      ~~/      8'  .8oo88.   8  8 8' 8
. (_/      '====='   8  .8'   8. 8  8 Y 8
.   Y,-"-,Yy,-,./   o8o o8o   o88o o8o o8o   o8o
.   I))_)I))_)
```

current working directory: /opt/glite/yaim/etc

site-info.def date: Aug 8 12:43 /opt/glite/yaim/etc/site-info.def

yaim command: -c -s /opt/glite/yaim/etc/site-info.def -n MPI_CE -n creamCE -n TORQUE_server -n TORQUE_utils

log file: /opt/glite/yaim/bin/./log/yaimlog

Fri Aug 9 12:50:41 CEST 2013 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:

glite-ce-yaim-cream-ce 4.4.3-2

glite-yaim-bdii 4.3.13-1

glite-yaim-core 5.1.2-1

glite-yaim-mpi 1.1.12-1

glite-yaim-torque-server 5.1.0 -1

glite-yaim-torque-utils 5.1.2-2

#####

INFO: The default location of the grid-env.(c)sh files will be: /usr/libexec

INFO: Sourcing the utilities in /opt/glite/yaim/functions/utills

INFO: Detecting environment

INFO: Executing function: config_mpi_ce_check

INFO: Executing function: config_cream_detect_tomcat_check

INFO: Executing function: config_cream_stop_check

INFO: Executing function: config_canl_java_tomcat_check

INFO: Detecting TOMCAT

INFO: Executing function: config_cream_db_check

INFO: Executing function: config_cream_emies_scratch_reinstall_check

INFO: Executing function: config_cream_emies_db_check

INFO: Executing function: config_add_pool_env_check

INFO: Executing function: config_host_certs_check

INFO: Executing function: config_vomsdir_check

INFO: Executing function: config_vomses_check

INFO: Executing function: config_users_check

INFO: Executing function: config_edgusers_check

INFO: Executing function: config_cream_glexec_user_check

INFO: Executing function: config_cream_clean_sudoers_check

INFO: Executing function: config_cream_sudoers_check

INFO: Executing function: config_vomsmmap_check

INFO: Executing function: config_cream_remove_subcluster_ce_check

INFO: Executing function: config_lcas_lcmmaps_gt4_check

INFO: Executing function: config_globus_gridftp_check

INFO: Executing function: config_cream_glexec_check

INFO: Executing function: config_cream_blah_check

INFO: Executing function: config_cream_ce_check

INFO: Executing function: config_cream_emies_check

INFO: Executing function: config_cream_cemon_check

INFO: Executing function: config_cream_start_check

INFO: Executing function: config_cream_logrotation_check

INFO: Executing function: config_bdii_5.2_check

INFO: Executing function: config_cream_gip_info_dynamic_check

INFO: Executing function: config_cream_gip_check

INFO: Executing function: config_cream_gip_glue2_check

INFO: Executing function: config_cream_gip_scheduler_plugin_check
INFO: Executing function: config_cream_gip_software_plugin_check
INFO: Executing function: config_cream_vo_tag_dir_check
INFO: Executing function: config_info_service_cream_ce_check
INFO: Executing function: config_info_service_cemon_check
INFO: Executing function: config_cream_info_service_rtepublish_check
INFO: Executing function: config_cream_gliteservices_check
INFO: Executing function: config_cream_locallogger_check
INFO: Executing function: config_glite_locallogger_check
INFO: Executing function: config_torque_server_check
INFO: Executing function: config_maui_cfg_check
INFO: Executing function: config_gip_sched_plugin_pbs_check
INFO: Executing function: config_torque_submitter_ssh_check
INFO: Executing function: config_mpi_ce_setenv
INFO: Executing function: config_mpi_ce
INFO: Executing function: config_cream_detect_tomcat_setenv
INFO: Executing function: config_cream_detect_tomcat
INFO: Detecting TOMCAT
INFO: Executing function: config_cream_stop_setenv
INFO: Executing function: config_cream_stop
INFO: Stopping tomcat
Stopping tomcat6: [OK]
INFO: Stopping blah
Shutting down BNotifier: [OK]
Shutting down BUdaterPBS: [OK]

INFO: Stopping lb processes

glite-lb-locallogger: no process killed

Stopping glite-lb-logd ... not running

Stopping glite-lb-interlogd ... not running

INFO: Executing function: config_canl_java_tomcat_setenv

INFO: Executing function: config_canl_java_tomcat

INFO: Stop tomcat in case it's running

tomcat6 is stopped [OK]

INFO: Copying hostcert to /etc/grid-security/tomcat-cert.pem for tomcat:root.....

INFO: Copying hostkey to /etc/grid-security/tomcat-key.pem for tomcat:root...

ERROR: Bad update time interval 2h, default used

INFO: Configuring /etc/tomcat6/server.xml...

INFO: Linking /usr/share/java/bcprov-1.46.jar to tomcat server lib directory..

INFO: Linking /usr/share/java/canl.jar to tomcat server lib directory..

INFO: Linking /usr/share/java/canl-java-tomcat.jar to tomcat server lib directory..

INFO: Linking /usr/share/java/commons-io.jar to tomcat server lib directory..

INFO: Defining JAVA_HOME in the Tomcat configuration file

INFO: Starting Tomcat

INFO: Executing function: config_cream_db_setenv

INFO: Executing function: config_cream_db

creamdb version requested by the service is 2.6

The version retrieved from the creamdb database is 2.6

The creamdb database is synchronized with the one requested by the service

INFO: creamdb.db_info table updated.

delegationcreamdb version requested by the service is 2.6

The version retrieved from the delegationcreamdb database is 2.6

The delegationcreamdb database is synchronized with the one requested by the service

INFO: Executing function: config_cream_emies_scratch_reinstall_setenv

INFO: Executing function: config_cream_emies_scratch_reinstall

INFO: Executing function: config_cream_emies_db_setenv

INFO: Executing function: config_cream_emies_db

INFO: Executing function: config_add_pool_env_setenv

INFO: Executing function: config_add_pool_env

INFO: Executing function: config_ldconf

INFO: config_ldconf: function not needed anymore, left empty waiting to be removed

INFO: Executing function: config_sysconfig_edg

INFO: Executing function: config_host_certs

INFO: Executing function: config_crl

INFO: Now updating the CRLs - this may take a few minutes...

WARNING: /usr/libexec/fetch-crl.sh didn't finish successfully

WARNING: CRLs may not be updated, please have a look !

Enabling periodic fetch-crl: [OK]

INFO: Executing function: config_vommdir_setenv

INFO: Executing function: config_vommdir

INFO: Executing function: config_vomses

INFO: Executing function: config_users

INFO: Executing function: config_edgusers

INFO: Executing function: config_cream_glexec_user_setenv

INFO: Executing function: config_cream_glexec_user

INFO: CONFIG_USERS is set to yes

INFO: Executing function: config_cream_clean_sudoers_setenv

INFO: Executing function: config_cream_clean_sudoers

INFO: /etc/sudoers file already clean. Probably installation from scratch

INFO: Executing function: config_cream_sudoers_setenv

INFO: Executing function: config_cream_sudoers

INFO: Executing function: config_vomsmmap_setenv

INFO: Executing function: config_vomsmmap

INFO: Creating grid-map directory in /etc/grid-security/gridmapdir

INFO: Creating voms grid-map file in /etc/grid-security/voms-grid-mapfile

INFO: Creating voms groupmap file in /etc/grid-security/groupmapfile

INFO: Copying the /etc/grid-security/voms-grid-mapfile in the standard location /etc/grid-security/grid-mapfile

INFO: Executing function: config_cream_remove_subcluster_ce_setenv

INFO: Executing function: config_cream_remove_subcluster_ce

INFO: Executing function: config_lcas_lcmmaps_gt4_setenv

INFO: Executing function: config_lcas_lcmmaps_gt4

INFO: Executing function: config_globus_gridftp_setenv

INFO: Executing function: config_globus_gridftp

INFO: Starting gridftp service :

Stopping globus-gridftp-server: [OK]

Starting globus-gridftp-server: [OK]

INFO: Executing function: config_cream_glexec_setenv

INFO: Executing function: config_cream_glexec

INFO: Executing function: config_cream_blah_setenv

INFO: Executing function: config_cream_blah

INFO: Executing function: config_cream_ce_setenv

INFO: Executing function: config_cream_ce

INFO: File /etc/glite-ce-cream/cream-config.xml backed-up in /etc/glite-ce-cream/cream-config.xml.bak_20130809_125227

INFO: Executing function: config_cream_emies_setenv

INFO: Executing function: config_cream_emies

INFO: Executing function: config_cream_cemon_setenv

INFO: Executing function: config_cream_cemon

INFO: Executing function: config_cream_start_setenv

INFO: Executing function: config_cream_start

INFO: Starting blparser

Starting BNotifier: [OK]

Starting BUpdaterPBS: [OK]

INFO: blah not running

INFO: Starting tomcat

Starting tomcat6: [OK]

INFO: Executing function: config_cream_logrotation_setenv

INFO: Executing function: config_cream_logrotation

INFO: Executing function: config_bdii_5.2

Stopping BDII update process: [OK]

Stopping BDII slapd: [OK]

Starting BDII slapd: [OK]

Starting BDII update process: [OK]

INFO: Executing function: config_cream_gip_info_dynamic_setenv

INFO: Executing function: config_cream_gip_info_dynamic

INFO: Executing function: config_cream_gip_setenv

INFO: Executing function: config_cream_gip

WARNING: Queue GRID_ops was enabled for one or more FQANs which specify an entire VO

WARNING: Queue GRID_dteam was enabled for one or more FQANs which specify an entire VO

WARNING: Queue GRID_opsibeu was enabled for one or more FQANs which specify an entire VO

WARNING: Queue GRID_opsibeu was enabled for one or more FQANs which specify an entire VO

WARNING: Queue GRID_iberibeu was enabled for one or more FQANs which specify an entire VO

WARNING: Queue GRID_iberibeu was enabled for one or more FQANs which specify an entire VO

INFO: Executing function: config_cream_gip_glue2_setenv

INFO: Executing function: config_cream_gip_glue2

INFO: File /etc/glite-ce-glue2/glite-ce-glue2.conf backed-up in /etc/glite-ce-glue2/glite-ce-glue2.conf.bak_20130809_125244

INFO: Executing function: config_cream_gip_scheduler_plugin_setenv

INFO: Executing function: config_cream_gip_scheduler_plugin

INFO: Executing function: config_cream_gip_software_plugin_setenv

INFO: Executing function: config_cream_gip_software_plugin

INFO: Executing function: config_cream_vo_tag_dir

INFO: Executing function: config_info_service_cream_ce_setenv

INFO: Executing function: config_info_service_cream_ce

INFO: Executing function: config_info_service_cemon_setenv

INFO: Executing function: config_info_service_cemon

INFO: Executing function: config_cream_info_service_rtepublish_setenv

INFO: Executing function: config_cream_info_service_rtepublish

INFO: Executing function: config_cream_gliteservices_setenv

INFO: Executing function: config_cream_gliteservices

INFO: Executing function: config_cream_locallogger_setenv

INFO: Executing function: config_cream_locallogger

INFO: Executing function: config_glite_locallogger_setenv

INFO: Executing function: config_glite_locallogger

INFO: The workaround for bug 22389 already exists

Stopping glite-lb-logd ... not running

Stopping glite-lb-interlogd ... not running

Starting glite-lb-logd ... This is LocalLogger, part of Workload Management System in EU DataGrid & EGEE.

done

Starting glite-lb-interlogd ... done

INFO: Executing function: config_cream_glite_initd

INFO: Executing function: config_torque_server_setenv

INFO: Currently this function doesn't set any environment variables.

INFO: Executing function: config_torque_server

INFO: Re-starting the torque server

Shutting down TORQUE Server: [OK]

/var/lib/torque/server_priv/serverdb

Starting TORQUE Server: [OK]

Max open servers: 9

set server scheduling = True

set server acl_host_enable = False

set server managers = root@test06.egi.cesga.es

set server operators = root@test06.egi.cesga.es

set server default_queue = dteam

set server log_events = 511

set server mail_from = adm

set server mail_domain = never

set server query_other_jobs = True

set server scheduler_iteration = 600

set server default_node = lcgpro

set server node_pack = False

set server kill_delay = 10

set server authorized_users = *@test06.egi.cesga.es

Max open servers: 9

set queue GRID_ops queue_type = Execution

set queue GRID_ops resources_max.cput = 48:00:00

set queue GRID_ops resources_max.walltime = 72:00:00

set queue GRID_ops enabled = True

set queue GRID_ops started = True

set queue GRID_ops acl_group_enable = True

Max open servers: 9

set queue GRID_dteam queue_type = Execution

set queue GRID_dteam resources_max.cput = 48:00:00

set queue GRID_dteam resources_max.walltime = 72:00:00

set queue GRID_dteam enabled = True

set queue GRID_dteam started = True

set queue GRID_dteam acl_group_enable = True

Max open servers: 9

set queue GRID_opsibeu queue_type = Execution

set queue GRID_opsibeu resources_max.cput = 48:00:00

set queue GRID_opsibeu resources_max.walltime = 72:00:00

set queue GRID_opsibeu enabled = True

set queue GRID_opsibeu started = True

set queue GRID_opsibeu acl_group_enable = True

users_getvgroup: could not find group for
"/VO=ops.vo.ibergrid.eu/GROUP=/ops.vo.ibergrid.eu/ROLE=VO-Admin".

WARNING: config_torque_server: No unix group found for VO (or VOMS FQAN):
"/VO=ops.vo.ibergrid.eu/GROUP=/ops.vo.ibergrid.eu/ROLE=VO-Admin". Skipping.

Max open servers: 9

set queue GRID_iberibeu queue_type = Execution

set queue GRID_iberibeu resources_max.cput = 48:00:00

set queue GRID_iberibeu resources_max.walltime = 72:00:00

set queue GRID_iberibeu enabled = True

set queue GRID_iberibeu started = True

set queue GRID_iberibeu acl_group_enable = True

Shutting down TORQUE Server: [OK]

/var/lib/torque/server_priv/serverdb

Starting TORQUE Server: [OK]

INFO: Executing function: config_mai_cfg_setenv

INFO: Executing function: config_mai_cfg

INFO: configuring maui ...

MPI_CE creamCE TORQUE_server TORQUE_utils

Shutting down MAUI Scheduler: [OK]

Starting MAUI Scheduler: [OK]

INFO: Executing function: config_gip_sched_plugin_pbs_setenv

INFO: Executing function: config_gip_sched_plugin_pbs

INFO: Executing function: config_torque_submitter_ssh

Starting MUNGE: munged

Reloading sshd: [OK]

INFO: Configuration Complete. [OK]

INFO: YAIM terminated succesfully.

}}}

=== TESTING ===

==== Checking if ssh works in bidirectional sense =====

* From WN to CE (OK)

{{{

[root@test14 ~]# su - dteam004

[dteam004@test14 ~]\$ ssh test06.egi.cesga.es

[dteam004@test06 ~]\$

}}}

==== Trying some internal commands =====

{{{

```
[root@test06 etc]# qstat -B
```

Server	Max	Tot	Que	Run	Hld	Wat	Trn	Ext	Status
--------	-----	-----	-----	-----	-----	-----	-----	-----	--------

test06.egi.cesga	0	0	0	0	0	0	0	0	Active
------------------	---	---	---	---	---	---	---	---	--------

```
[root@test06 etc]# qstat -Q
```

Queue	Max	Tot	Ena	Str	Que	Run	Hld	Wat	Trn	Ext	T
-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---

GRID_ops	0	0	yes	yes	0	0	0	0	0	0	E
----------	---	---	-----	-----	---	---	---	---	---	---	---

GRID_dteam	0	0	yes	yes	0	0	0	0	0	0	E
------------	---	---	-----	-----	---	---	---	---	---	---	---

GRID_opsibeu	0	0	yes	yes	0	0	0	0	0	0	E
--------------	---	---	-----	-----	---	---	---	---	---	---	---

GRID_iberibeu	0	0	yes	yes	0	0	0	0	0	0	E
---------------	---	---	-----	-----	---	---	---	---	---	---	---

```
[root@test06 etc]# qstat -q
```

```
server: test06.egi.cesga.es
```

```
Queue      Memory CPU Time Walltime Node Run Que Lm State
```

```
-----
```

```
GRID_ibergrid  -- 48:00:00 72:00:00 -- 0 0 -- E R
```

```
GRID_ops       -- 48:00:00 72:00:00 -- 0 0 -- E R
```

```
GRID_dteam     -- 48:00:00 72:00:00 -- 0 0 -- E R
```

```
GRID_opsibeu   -- 48:00:00 72:00:00 -- 0 0 -- E R
```

```
GRID_iberibeu  -- 48:00:00 72:00:00 -- 0 0 -- E R
```

0 0

}}}

==== Submitting a job from the CESGA UI =====

{{{

```
[esfreire@test13 ~]$ glite-ce-delegate-proxy -e test06.egi.cesga.es esfreire
```

```
Proxy with delegation id [esfreire] succesfully delegated to endpoint  
[test06.egi.cesga.es]
```

```
[esfreire@test13 ~]$ glite-ce-proxy-renew -e test06.egi.cesga.es esfreire
```

```
Proxy with delegation id [esfreire succesfully renewed to endpoint [test06.egi.cesga.es]
```

}}}

==== Checking bug #95480, CREAM doesn't transfert the output =====

* <https://savannah.cern.ch/bugs/?95480>

{{{

```
[esfreire@test13 ~]$ glite-ce-job-submit -D esfreire -r test06.egi.cesga.es:8443/cream-  
pbs-GRID_ops check_bug.jdl
```

```
https://test06.egi.cesga.es:8443/CREAM576717116
```



```
[esfreire@test13 ~]$ glite-ce-job-status  
https://test06.egi.cesga.es:8443/CREAM576717116
```

```
***** JobID=[https://test06.egi.cesga.es:8443/CREAM576717116]
```

```
    Status      = [DONE-OK]
```

```
    ExitCode    = [0]
```

```
[root@se2 tmp]# cat esfreire.out
```

```
test15.egi.cesga.es
```

```
Fri Aug 9 12:59:38 CEST 2013
```

```
}}}
```

```
{{{
```

```
[esfreire@test13 ~]$ cat check_bug.jdl
```

```
[
```

```
Executable    = "hola.sh";
```

```
StdOutput     = "esfreire.out";
```

```
StdError      = "esfreire.err";
```

```
InputSandbox = {"hola.sh"};
```

```
OutputSandbox      = {"esfreire.out","esfreire.err"};
```

```
SANDBOX_TRANSFER_METHOD="LRMS";
```

```
OutputSandboxBaseDestUri = "gsiftp://se2.egi.cesga.es/tmp";
```

```
]
```

```
}}
```

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):

EMI.cream.sl6/sl5.x86_64-1.16.1, EMI.blah.sl5/sl6.x86_64-1.20.2, EMI.cream-torque.sl5/sl6.x86_64-2.1.1, EMI.canl.sl5/sl6.x86_64-2.1.2 and EMI.gridsite.sl5/sl6.x86_64-2.1.2 were updated from UMD-3 without any issue.

Comments for DMSU (TSA2.5):

Comments for TP: