

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

Name of the component			
Release	EMI.cream.sl6.x86_64-1.14.0 EMI.cream-torque.sl6.x86_64-2.0.0 EMI.torque-server.sl6.x86_64-1.0.0 EMI.emi-wn.sl6.x86_64-2.0.0 EMI.torque-wn.sl6.x86_64-1.0.0 EMI.mpi.sl6.x86_64-1.3.0	RT Ticket	#3929 #3927 #3941 #3935 #3943 #3892
Software Provider			
Release Contact	Name: Cristina Aiftimiei	E-Mail:	cristina.aiftimiei@pd.infn.it
Validator	Name: Enol Fernandez	E-Mail:	enolfc@ifca.unican.es
V. Hours Worked	12		
Component status	Accepted	Date	27/06/2012
Verification start date	20/06/2012	Verification end date	27/06/2012

Summary:

Complete verification of the EMI CREAM and related products for Torque on SL6. The product works as expected but some minor issues related to configuration were found during testing. These must be taken into account when deploying the service in SR. Includes testing of:

- CREAM
- CREAM-Torque
- Torque-Server
- WN
- Torque-WN
- glite-MPI

The template shows documentation links for the CE, but the documentation for all the products was checked and consulted for configuration.


GGUS Tickets:

No direct tickets open due to this verification, but there are issues that also applies to the product:

- https://ggus.eu/tech/ticket_show.php?ticket=83229.
- <https://savannah.cern.ch/bugs/?94300>

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP	1			1
VLD	18	1		19
	Specific Quality Criteria			
TP				
VLD	33			33

RELEASE:	EMI CREAM SL6 and reated products		
	#3929 #3927 #3941 #3935 #3943 #3892 #3929 #3927 #3941 #3935 #3943 #3892		
RT TICKET:		VALIDATOR: Enol Fernández	
Criteria	Accepted (Y/N)	Tested (TP/VLD)	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	https://wiki.italiangrid.it/twiki/bin/view/CREAM/FunctionalDescription
GENERIC_DOC_2 (Release Notes)	Y	VLD	https://twiki.cern.ch/twiki/bin/view/EMI/EMI2Final#Release_Notes_AN17
GENERIC_DOC_3 (User Documentation)	Y	VLD	https://wiki.italiangrid.it/twiki/bin/view/CREAM/UserGuideEMI2
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	User commands include -h option. Man pages available
GENERIC_DOC_5 (API Documentation)	Y	VLD	https://wiki.italiangrid.it/twiki/bin/view/CREAM/DevelopersDocumentation
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	https://wiki.italiangrid.it/twiki/bin/view/CREAM/SystemAdministratorGuideForEMI2
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	https://wiki.italiangrid.it/twiki/bin/view/CREAM/ServiceReferenceCardEMI2
GENERIC_DOC_8 (Software License)	Y	VLD	Apache 2
GENERIC_DOC_9 (Release changes testing)	Y	VLD	Complete test reports at https://wiki.italiangrid.it/twiki/bin/view/IGIRelease/EMI2CREAMTask21059
SOFTWARE DISTRIBUTION QC			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	CVS repo available
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	Packages install correctly. yaim does not follow policies in file locations
SOFTWARE FEATURES QC			
GENERIC_SOFT_1 (Backwards Compatibility)	Y	VLD	Tested with EMI-1 clients without issues
GENERIC_SOFT_2 (New features testing)	Y	TP	Bugs and features included in test report
SERVICE CRITERIA QC			
GENERIC_SERVICE_1 (Service control and status)	Y	VLD	init scripts provided and working
GENERIC_SERVICE_2 (Log Files)	Y	VLD	log files available at /var/cream
GENERIC_SERVICE_3 (Service Reliability)	Optional		
GENERIC_SERVICE_4 (Service Robustness)	Optional		
GENERIC_SERVICE_5 (Automatic Configuration)	N	VLD	Incorrect configuration of the BDII provider, see GGUS #XXX
GENERIC_SERVICE_6 (Default Password Configuration)	Y	VLD	No default passwords used
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	Only /tmp and several sockets are world writable
GENERIC_SEC_3 (Passwords in world readable files)	Y	VLD	No passwords stored in world readable files
MISCELLANEOUS QC			
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	GGUS
AUTHENTICATION QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	Tested with x.509 proxies + https
AUTHN_DELEG_1 (Delegation Interface)	Y	VLD	Grid site delegation supported
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	Tested CREAM interface. No EMI-ES tests
JOBEXEC_JOB_1 (Simple Job)	Y	VLD	See test report
JOBEXEC_JOB_2 (Simple Job with input/output files)	Y	VLD	See test report
JOBEXEC_JOB_3 (Cancel Job)	Y	VLD	See test report
JOBEXEC_EXECMNGR_1 (Not Invasive Deployment)	Y	VLD	No major changes or properly documented
JOBEXEC_EXECMNGR_2 (Job Management)	Y	VLD	Indirectly tested in job submission
JOBEXEC_EXECMNGR_3 (Information Retrieval)	Y	VLD	Issues in publication, see GGUS https://ggus.eu/tech/ticket_show.php?ticket=83229 . See also report
JOBEXEC_AVAIL_1 (Service Redundancy)	Y	VLD	More than one CREAM can be installed for the same batch system
JOBEXEC_AVAIL_2 (Self Disabling Mechanism)	Y	VLD	See test report
JOBEXEC_AVAIL_4 (Timely Job Status Updates)	Y	VLD	Simple test jobs were updated fast.
PARALLEL JOB QC			
PARALLEL_JOB_1 (Simple parallel job submission)	Y	VLD	See test report
PARALLEL_JOB_2 (Single machine parallel job submission)	Y	VLD	See test report
PARALLEL_JOB_3 (Fine grained mapping parallel job subr)	Y	VLD	See test report
PARALLEL_MPI_1 (Precompiled MPI job Execution)	Y	VLD	See test report
PARALLEL_MPI_2 (MPI job Execution from source.)	Y	VLD	See test report
PARALLEL_OMP_1 (PrecompiledOpenMP job Execution)	Y	VLD	See test report
PARALLEL_OMP_2 (OpenMP job Execution from source)	Y	VLD	See test report
MONITORING PROBES QC			
MON_PROBE_GENERIC_1 (Certificate Lifetime Probe)	Y	VLD	Test passed in Nagios box (test23.egi.cesga.es)
MON_PROBE_GENERIC_2 (Service Probe)	Y	VLD	Test passed in Nagios box (test23.egi.cesga.es)
MON_PROBE_JOBEXEC_1 (Job Execution Probe)	Y	VLD	Test passed in Nagios box (test23.egi.cesga.es)
MON_PROBE_JOBEXEC_2 (CREAM Job Execution Probe)	Y	VLD	Test passed in Nagios box (test23.egi.cesga.es)
ACCOUNTING CAPABILITY QC			
ACC_JOBEXEC_1 (Job Execution Appliances Accounting)	Y	VLD	Accounting records created correctly, see test report
CLIENT TOOLS QC			
CLIENT_TOOLS_1 (Command lineOptions coherency)	Y	VLD	man and -h and coherent
CLIENT_TOOLS_2 (Error Messages)	Y	VLD	Error messages are clear and point to possible solutions

Validator comments:

Installation went without any issues, see log:

```
Loaded plugins: kernel-module, priorities, protectbase
681 packages excluded due to repository priority protections
224 packages excluded due to repository protections
Setting up Update Process
Resolving Dependencies
--> Running transaction check
--> Package argus-gsi-pep-callout.x86_64 0:1.2.2-1.sl5 set to be updated
--> Package argus-pep-api-c.x86_64 0:2.1.0-3.sl5 set to be updated
--> Package dynsched-generic.noarch 0:2.4.0-3.sl5 set to be updated
--> Processing Dependency: lrms-python-generic for package: dynsched-generic
--> Package emi-trustmanager.noarch 0:3.1.3-1.sl5 set to be updated
--> Package emi-trustmanager-tomcat.noarch 0:3.0.1-1.sl5 set to be updated
--> Package emi-version.x86_64 0:2.0.0-1.sl5 set to be updated
--> Package glxec.x86_64 0:0.9.6-1.el5 set to be updated
--> Package glite-apel-core.noarch 0:2.0.14-5.sl5 set to be updated
--> Package glite-ce-blahp.x86_64 0:1.18.0-4.sl5 set to be updated
--> Package glite-ce-ce-plugin.noarch 0:1.14.0-4.sl5 set to be updated
--> Package glite-ce-cream.noarch 0:1.14.0-4.sl5 set to be updated
--> Processing Dependency: glite-ce-cream-core for package: glite-ce-cream
--> Package glite-ce-cream-utils.x86_64 0:1.2.0-4.sl5 set to be updated
--> Package glite-ce-job-plugin.noarch 0:1.14.0-4.sl5 set to be updated
--> Package glite-ce-monitor.noarch 0:1.14.0-4.sl5 set to be updated
--> Processing Dependency: glite-ce-monitor-api-java for package: glite-ce-monitor
--> Processing Dependency: emi-trustmanager-axis2 for package: glite-ce-monitor
--> Package glite-ce-yaim-cream-ce.noarch 0:4.3.0-4.sl5 set to be updated
--> Package glite-info-dynamic-ge.noarch 0:6.0.0-4.sl5 set to be updated
--> Package glite-jobid-api-c.x86_64 0:2.1.2-2.el5 set to be updated
--> Package glite-lb-common.x86_64 0:8.1.3-3.el5 set to be updated
--> Package glite-lb-logger.x86_64 0:2.3.4-2.el5 set to be updated
--> Package glite-lbjp-common-gss.x86_64 0:3.1.3-2.el5 set to be updated
--> Package glite-lbjp-common-log.x86_64 0:1.2.0-5.el5 set to be updated
--> Package glite-lbjp-common-trio.x86_64 0:2.2.2-3.el5 set to be updated
--> Package glite-yaim-core.noarch 0:5.1.0-1.sl5 set to be updated
--> Package glite-yaim-ge-utils.noarch 0:4.3.0-4.sl5 set to be updated
--> Package gridsite-libs.x86_64 0:1.7.21-2.el5 set to be updated
--> Package lcas.x86_64 0:1.3.18-2.el5 set to be updated
--> Package lcas-lcmaps-gt4-interface.x86_64 0:0.2.1-4.el5 set to be updated
--> Package lcas-plugins-basic.x86_64 0:1.3.6-1.el5 set to be updated
--> Package lcas-plugins-check-executable.x86_64 0:1.2.4-1.el5 set to be updated
--> Package lcas-plugins-voms.x86_64 0:1.3.10-1.el5 set to be updated
--> Package lcg-info-dynamic-software.noarch 0:1.0.7-1.sl5 set to be updated
--> Package lcmaps.x86_64 0:1.5.5-1.el5 set to be updated
--> Package lcmaps-plugins-basic.x86_64 0:1.5.0-3.el5 set to be updated
--> Package lcmaps-plugins-verify-proxy.x86_64 0:1.5.2-1.el5 set to be updated
--> Package lcmaps-plugins-voms.x86_64 0:1.5.3-1.el5 set to be updated
--> Running transaction check
--> Package emi-trustmanager-axis2.noarch 0:1.0.1-1.sl5 set to be updated
--> Package glite-ce-cream-core.noarch 0:1.14.0-4.sl5 set to be updated
--> Processing Dependency: glite-ce-cream-api-java for package: glite-ce-cream-core
--> Package glite-ce-monitor-api-java.noarch 0:1.14.0-4.sl5 set to be updated
--> Processing Dependency: axis2 for package: glite-ce-monitor-api-java
--> Processing Dependency: glite-ce-common-java for package: glite-ce-monitor-api-java
--> Package lrms-python-generic.noarch 0:2.2.1-2.sl5 set to be updated
--> Running transaction check
--> Package axis2.noarch 0:1.6.1-1.emi set to be updated
--> Package glite-ce-common-java.noarch 0:1.14.0-4.sl5 set to be updated
--> Processing Dependency: argus-pep-common for package: glite-ce-common-java
--> Processing Dependency: voms-api-java for package: glite-ce-common-java
--> Processing Dependency: jclassads for package: glite-ce-common-java
--> Processing Dependency: argus-pep-api-java for package: glite-ce-common-java
--> Package glite-ce-cream-api-java.noarch 0:1.14.0-4.sl5 set to be updated
--> Processing Dependency: emi-delegation-java for package: glite-ce-cream-api-java
--> Processing Dependency: glite-jdl-api-java for package: glite-ce-cream-api-java
--> Running transaction check
--> Package argus-pep-api-java.noarch 0:2.1.0-1.sl5 set to be updated
--> Package argus-pep-common.noarch 0:2.2.0-1.sl5 set to be updated
--> Package emi-delegation-java.noarch 0:2.2.0-2.sl5 set to be updated
--> Processing Dependency: emi-trustmanager-axis for package: emi-delegation-java
--> Package glite-jdl-api-java.noarch 0:3.2.0-3.sl5 set to be updated
--> Package jclassads.noarch 0:2.4.0-2.sl5 set to be updated
--> Package voms-api-java.noarch 0:2.0.8-1.el5 set to be updated
--> Processing Dependency: jakarta-commons-cli for package: voms-api-java
--> Processing Dependency: jakarta-commons-lang for package: voms-api-java
--> Running transaction check
```

```

---> Package emi-trustmanager-axis.noarch 0:2.0.2-1.sl5 set to be updated
---> Package jakarta-commons-cli.x86_64 0:1.0-6jpp_10.el5 set to be updated
---> Package jakarta-commons-lang.x86_64 0:2.1-5jpp.1 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

Dependencies Resolved

```

=====
Package Arch Version Repository Size
=====
Installing:
dysched-generic noarch 2.4.0-3.sl5 EMI.cream-sge.sl5.x86_64 43 k
replacing lcg-info-dynamic-scheduler-generic.noarch 2.3.5-1.sl5

gridsite-libs x86_64 1.7.21-2.el5 EMI.cream.sl5.x86_64 131 k
replacing gridsite-shared.x86_64 1.7.19-1.el5

Updating:
argus-gsi-pep-callout x86_64 1.2.2-1.sl5 EMI.cream.sl5.x86_64 38 k
argus-pep-api-c x86_64 2.1.0-3.sl5 EMI.cream.sl5.x86_64 53 k
emi-trustmanager noarch 3.1.3-1.sl5 EMI.cream.sl5.x86_64 273 k
emi-trustmanager-tomcat noarch 3.0.1-1.sl5 EMI.cream.sl5.x86_64 30 k
emi-version x86_64 2.0.0-1.sl5 EMI.cream-sge.sl5.x86_64 2.0 k
glexec x86_64 0.9.6-1.el5 EMI.cream.sl5.x86_64 86 k
glite-apel-core noarch 2.0.14-5.sl5 EMI.cream-sge.sl5.x86_64 1.0 M
glite-ce-blahp x86_64 1.18.0-4.sl5 EMI.cream.sl5.x86_64 488 k
glite-ce-ce-plugin noarch 1.14.0-4.sl5 EMI.cream.sl5.x86_64 19 k
glite-ce-cream noarch 1.14.0-4.sl5 EMI.cream.sl5.x86_64 559 k
glite-ce-cream-utils x86_64 1.2.0-4.sl5 EMI.cream.sl5.x86_64 34 k
glite-ce-job-plugin noarch 1.14.0-4.sl5 EMI.cream.sl5.x86_64 26 k
glite-ce-monitor noarch 1.14.0-4.sl5 EMI.cream.sl5.x86_64 90 k
glite-ce-yaim-cream-ce noarch 4.3.0-4.sl5 EMI.cream.sl5.x86_64 45 k
glite-info-dynamic-ge noarch 6.0.0-4.sl5 EMI.cream-sge.sl5.x86_64 12 k
glite-jobid-api-c x86_64 2.1.2-2.el5 EMI.cream.sl5.x86_64 9.1 k
glite-lb-common x86_64 8.1.3-3.el5 EMI.cream.sl5.x86_64 115 k
glite-lb-logger x86_64 2.3.4-2.el5 EMI.cream.sl5.x86_64 78 k
glite-lb-common-gss x86_64 3.1.3-2.el5 EMI.cream.sl5.x86_64 18 k
glite-lbjp-common-log x86_64 1.2.0-5.el5 EMI.cream.sl5.x86_64 8.9 k
glite-lbjp-common-trio x86_64 2.2.2-3.el5 EMI.cream.sl5.x86_64 27 k
glite-yaim-core noarch 5.1.0-1.sl5 EMI.cream-sge.sl5.x86_64 118 k
glite-yaim-ge-utils noarch 4.3.0-4.sl5 EMI.cream-sge.sl5.x86_64 16 k
lcas x86_64 1.3.18-2.el5 EMI.cream.sl5.x86_64 25 k
lcas-lcmapi-gt4-interface x86_64 0.2.1-4.el5 EMI.cream.sl5.x86_64 21 k
lcas-plugins-basic x86_64 1.3.6-1.el5 EMI.cream.sl5.x86_64 22 k
lcas-plugins-check-executable x86_64 1.2.4-1.el5 EMI.cream.sl5.x86_64 9.4 k
lcas-plugins-voms x86_64 1.3.10-1.el5 EMI.cream.sl5.x86_64 29 k
lcg-info-dynamic-software noarch 1.0.7-1.sl5 EMI.cream-sge.sl5.x86_64 3.2 k
lcmapi x86_64 1.5.5-1.el5 EMI.cream.sl5.x86_64 86 k
lcmapi-plugins-basic x86_64 1.5.0-3.el5 EMI.cream.sl5.x86_64 38 k
lcmapi-plugins-verify-proxy x86_64 1.5.2-1.el5 EMI.cream.sl5.x86_64 28 k
lcmapi-plugins-voms x86_64 1.5.3-1.el5 EMI.cream.sl5.x86_64 48 k

Installing for dependencies:
argus-pep-api-java noarch 2.1.0-1.sl5 EMI.cream.sl5.x86_64 58 k
argus-pep-common noarch 2.2.0-1.sl5 EMI.cream.sl5.x86_64 265 k
axis2 noarch 1.6.1-1.emi EMI.cream.sl5.x86_64 19 M
emi-delegation-java noarch 2.2.0-2.sl5 EMI.cream.sl5.x86_64 96 k
emi-trustmanager-axis noarch 2.0.2-1.sl5 EMI.cream.sl5.x86_64 28 k
emi-trustmanager-axis2 noarch 1.0.1-1.sl5 EMI.cream.sl5.x86_64 16 k
glite-ce-common-java noarch 1.14.0-4.sl5 EMI.cream.sl5.x86_64 155 k
glite-ce-cream-api-java noarch 1.14.0-4.sl5 EMI.cream.sl5.x86_64 2.5 M
glite-ce-cream-core noarch 1.14.0-4.sl5 EMI.cream.sl5.x86_64 397 k
glite-ce-monitor-api-java noarch 1.14.0-4.sl5 EMI.cream.sl5.x86_64 385 k
glite-jdl-api-java noarch 3.2.0-3.sl5 EMI.cream.sl5.x86_64 45 k
jakarta-commons-cli x86_64 1.0-6jpp_10.el5 epel 76 k
jakarta-commons-lang x86_64 2.1-5jpp.1 sl-base 508 k
jclassads noarch 2.4.0-2.sl5 EMI.cream.sl5.x86_64 95 k
lrms-python-generic noarch 2.2.1-2.sl5 EMI.cream.sl5.x86_64 8.7 k
voms-api-java noarch 2.0.8-1.el5 EMI.cream.sl5.x86_64 154 k

```

Transaction Summary

```

=====
Install      18 Package(s)
Upgrade     33 Package(s)

```

Total size: 27 M

```

Is this ok [y/N]: y
Downloading Packages:
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
  Updating      : lcmsaps                               1/86
  Updating      : lcas                                  2/86
  Updating      : glite-jobid-api-c                    3/86
  Updating      : glite-lbjp-common-trio                4/86
  Updating      : glite-lbjp-common-gss                 5/86
  Updating      : glite-lb-common                       6/86
  Updating      : argus-pep-api-c                       7/86
  Installing    : gridsite-libs                        8/86
  Updating      : glite-lbjp-common-log                 9/86
  Updating      : emi-trustmanager                     10/86
  Updating      : glite-yaim-core                       11/86
  Installing    : jclassads                             12/86
  Installing    : axis2                                13/86
  Installing    : jakarta-commons-lang                 14/86
  Updating      : glite-ce-cream-utils                 15/86
  Installing    : jakarta-commons-cli                 16/86
  Updating      : argus-gsi-pep-callout                17/86
  Updating      : lcas-lcmsaps-gt4-interface           18/86
  Updating      : glite-ce-blahp                       19/86
  Updating      : lcmsaps-plugins-verify-proxy        20/86
  Updating      : glite-lb-logger                      21/86
  Updating      : lcas-plugins-voms                   22/86
  Updating      : lcas-plugins-basic                   23/86
  Updating      : lcmsaps-plugins-voms                 24/86
  Updating      : glxexec                              25/86
warning: /etc/glxexec.conf created as /etc/glxexec.conf.rpmnew
warning: /etc/lcmsaps/lcmsaps-glxexec.db created as /etc/lcmsaps/lcmsaps-glxexec.db.rpmnew
  Updating      : lcas-plugins-check-executable        26/86
  Updating      : lcmsaps-plugins-basic                 27/86
  Installing    : voms-api-java                        28/86
  Installing    : argus-pep-common                    29/86
  Installing    : argus-pep-api-java                   30/86
  Installing    : glite-ce-common-java                 31/86
  Installing    : glite-ce-monitor-api-java           32/86
  Installing    : glite-jdl-api-java                   33/86
  Installing    : emi-trustmanager-axis2              34/86
Stopping tomcat5: [ OK ]
  Updating      : glite-ce-monitor                     35/86
  Installing    : emi-trustmanager-axis                36/86
  Installing    : emi-delegation-java                 37/86
  Installing    : glite-ce-cream-api-java             38/86
  Installing    : glite-ce-cream-core                 39/86
  Updating      : glite-ce-cream                      40/86
  Installing    : lrms-python-generic                 41/86
  Updating      : glite-ce-yaim-cream-ce               42/86
  Updating      : glite-ce-ce-plugin                  43/86
  Updating      : emi-trustmanager-tomcat             44/86
  Installing    : dynsched-generic                    45/86
  Updating      : emi-version                           46/86
  Updating      : glite-apel-core                      47/86
  Updating      : glite-ce-job-plugin                  48/86
  Updating      : glite-yaim-ge-utils                  49/86
  Updating      : lcg-info-dynamic-software            50/86
  Updating      : glite-info-dynamic-ge                51/86
  Cleanup      : argus-gsi-pep-callout                 52/86
  Cleanup      : lcas-plugins-voms                     53/86
  Cleanup      : glite-ce-yaim-cream-ce               54/86
  Cleanup      : glite-ce-ce-plugin                    55/86
  Cleanup      : emi-trustmanager-tomcat              56/86
  Erasing      : lcg-info-dynamic-scheduler-generic   57/86
  Cleanup      : glite-lbjp-common-gss                 58/86
  Cleanup      : glite-ce-cream-utils                 59/86
  Cleanup      : emi-version                           60/86
  Cleanup      : lcmsaps-plugins-basic                 61/86
  Cleanup      : glite-lb-common                       62/86
  Cleanup      : lcas-plugins-check-executable        63/86
  Cleanup      : lcas                                  64/86
  Cleanup      : lcmsaps-plugins-verify-proxy         65/86
  Cleanup      : glite-lbjp-common-log                 66/86
  Cleanup      : glite-apel-core                       67/86

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Cleanup      : glite-ce-job-plugin                68/86
Cleanup      : lcmaps-plugins-voms                69/86
Cleanup      : glite-lbjp-common-trio            70/86
Cleanup      : glite-yaim-core                   71/86
Cleanup      : lcmaps                             72/86
Cleanup      : glxec                               73/86
Cleanup      : glite-jobid-api-c                 74/86
Cleanup      : lcas-lcmaps-gt4-interface         75/86
Cleanup      : glite-yaim-ge-utils               76/86
Erasing      : gridsite-shared                   77/86
Cleanup      : argus-pep-api-c                   78/86
Cleanup      : glite-lb-logger                   79/86
Cleanup      : glite-ce-cream                    80/86
Cleanup      : glite-ce-blahp                    81/86
Cleanup      : lcg-info-dynamic-software         82/86
Cleanup      : lcas-plugins-basic                83/86
Cleanup      : glite-info-dynamic-ge             84/86
Cleanup      : emi-trustmanager                  85/86
Cleanup      : glite-ce-monitor                  86/86

Installed:
dynsched-generic.noarch 0:2.4.0-3.s15           gridsite-libs.x86_64 0:1.7.21-
2.e15

Dependency Installed:
argus-pep-api-java.noarch 0:2.1.0-1.s15        argus-pep-common.noarch 0:2.2.0-
1.s15
axis2.noarch 0:1.6.1-1.emi                      emi-delegation-java.noarch
0:2.2.0-2.s15
emi-trustmanager-axis.noarch 0:2.0.2-1.s15     emi-trustmanager-axis2.noarch
0:1.0.1-1.s15
glite-ce-common-java.noarch 0:1.14.0-4.s15     glite-ce-cream-api-java.noarch
0:1.14.0-4.s15
glite-ce-cream-core.noarch 0:1.14.0-4.s15     glite-ce-monitor-api-java.noarch
0:1.14.0-4.s15
glite-jdl-api-java.noarch 0:3.2.0-3.s15        jakarta-commons-cli.x86_64 0:1.0-
6jpp_10.e15
jakarta-commons-lang.x86_64 0:2.1-5jpp.1       jclassads.noarch 0:2.4.0-2.s15
lrms-python-generic.noarch 0:2.2.1-2.s15      voms-api-java.noarch 0:2.0.8-1.e15

Updated:
argus-gsi-pep-callout.x86_64 0:1.2.2-1.s15     argus-pep-api-c.x86_64 0:2.1.0-
3.s15
emi-trustmanager.noarch 0:3.1.3-1.s15          emi-trustmanager-tomcat.noarch
0:3.0.1-1.s15
emi-version.x86_64 0:2.0.0-1.s15              glxec.x86_64 0:0.9.6-1.e15
glite-apel-core.noarch 0:2.0.14-5.s15         glite-ce-blahp.x86_64 0:1.18.0-
4.s15
glite-ce-ce-plugin.noarch 0:1.14.0-4.s15      glite-ce-cream.noarch 0:1.14.0-
4.s15
glite-ce-cream-utils.x86_64 0:1.2.0-4.s15     glite-ce-job-plugin.noarch
0:1.14.0-4.s15
glite-ce-monitor.noarch 0:1.14.0-4.s15       glite-ce-yaim-cream-ce.noarch
0:4.3.0-4.s15
glite-info-dynamic-ge.noarch 0:6.0.0-4.s15    glite-jobid-api-c.x86_64
0:2.1.2-2.e15
glite-lb-common.x86_64 0:8.1.3-3.e15          glite-lb-logger.x86_64 0:2.3.4-
2.e15
glite-lbjp-common-gss.x86_64 0:3.1.3-2.e15    glite-lbjp-common-log.x86_64
0:1.2.0-5.e15
glite-lbjp-common-trio.x86_64 0:2.2.2-3.e15   glite-yaim-core.noarch 0:5.1.0-
1.s15
glite-yaim-ge-utils.noarch 0:4.3.0-4.s15      lcas.x86_64 0:1.3.18-2.e15
lcas-lcmaps-gt4-interface.x86_64 0:0.2.1-4.e15 lcas-plugins-basic.x86_64
0:1.3.6-1.e15
lcas-plugins-check-executable.x86_64 0:1.2.4-1.e15 lcas-plugins-voms.x86_64
0:1.3.10-1.e15
lcg-info-dynamic-software.noarch 0:1.0.7-1.s15 lcmaps.x86_64 0:1.5.5-1.e15
lcmaps-plugins-basic.x86_64 0:1.5.0-3.e15     lcmaps-plugins-verify-
proxy.x86_64 0:1.5.2-1.e15
lcmaps-plugins-voms.x86_64 0:1.5.3-1.e15

Replaced:
gridsite-shared.x86_64 0:1.7.19-1.e15         lcg-info-dynamic-scheduler-generic.noarch
0:2.3.5-1.s15

Complete!

```


Configuration:

Configuration was performed with yaim.

```
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: /etc/cron.d
site-info.def date: Jun 26 09:33 /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
Tue Jun 26 09:33:18 CEST 2012 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:
glite-apel-yaim ame:-ame:
glite-yaim-bdii 4.3.9-1
glite-yaim-core 5.1.0-1
glite-yaim-cream-ce 4.3.0-4
glite-yaim-mpi 1.1.11-1
glite-yaim-torque-server 5.1.0 -1
glite-yaim-torque-utils 5.1.0-2

#####
INFO: The default location of the grid-env.(c)sh files will be: /usr/libexec
INFO: Sourcing the utilities in /opt/glite/yaim/functions/Utils
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_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_secure_tomcat_check
INFO: Detecting TOMCAT
INFO: Executing function: config_vomsmap_check
INFO: Executing function: config_cream_remove_subcluster_ce_check
INFO: Executing function: config_lcas_lcmapi_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_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_cemon_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_maii_cfg_check
INFO: Executing function: config_apel_pbs_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 ... done
Stopping glite-lb-interlogd ... not running
INFO: Executing function: config_cream_db_setenv
INFO: Executing function: config_cream_db
creamdb version requested by the service is 2.5
The version retrieved from the creamdb database is 2.5
The creamdb database is synchronized with the one requested by the service
delegationcreamdb version requested by the service is 2.5
The version retrieved from the delegationcreamdb database is 2.5
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
Stopping tomcat6: [ OK ]
Starting tomcat6: [ OK ]
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...
Enabling periodic fetch-crl: [ OK ]
INFO: Executing function: config_vomsdir_setenv
INFO: Executing function: config_vomsdir
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_secure_tomcat_setenv
INFO: Executing function: config_secure_tomcat
INFO: Stop tomcat in case it's running
Stopping tomcat6: [ 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...
INFO: Configuring /etc/tomcat6/server.xml...
INFO: Copying trustmanager log4j properties to tomcat configuration directory..
INFO: Linking log4j and bouncycastle jars to tomcat server lib directory..
INFO: Linking trustmanager jars to tomcat server lib directory...
INFO: Linking jakarta-commons-logging to tomcat server lib directory...
INFO: Defining JAVA_HOME in the Tomcat configuration file
INFO: Starting Tomcat
Starting tomcat6: [ OK ]
INFO: Executing function: config_vomsmap_setenv
INFO: Executing function: config_vomsmap
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_lcmaps_gt4_setenv
INFO: Executing function: config_lcas_lcmaps_gt4
INFO: Creating LCAS_DB_FILE in /etc/lcas/lcas.db
INFO: Creating LCMAPS_DB_FILE in /etc/lcmaps/lcmaps.db
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_20120626_093418
Stopping tomcat6: [FAILED]
Starting tomcat6: [FAILED]
INFO: Executing function: config_cream_emies_setenv
INFO: Executing function: config_cream_emies
Stopping tomcat6: [FAILED]
Starting tomcat6: [FAILED]
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
SE_LIST=test08.egi.cesga.es
INFO: File /etc/glite-ce-glue2/glite-ce-glue2.conf backed-up in /etc/glite-ce-
glue2/glite-ce-glue2.conf.bak_20120626_093431
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_cemon_setenv
INFO: Executing function: config_cream_cemon
Stopping tomcat6: [ OK ]
Starting tomcat6: [ OK ]
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
Warning: stale /var/cream_lb/glite-lb-interlogd.pid for glite-lb-interlogd
Warning: stale /tmp/interlogger.sock for glite-lb-interlogd
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
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_maui_cfg_setenv
  INFO: Executing function: config_maui_cfg
  INFO: configuring maui ...
MPI_CE creamCE TORQUE_server TORQUE_utils
Shutting down MAUI Scheduler: [ OK ]
Starting MAUI Scheduler: [ OK ]
  INFO: Executing function: config_apel_pbs_setenv
  INFO: Executing function: config_apel_pbs
  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.

```

Configuration issues:

One of the files (/var/lib/bdii/gip/ldif/ComputingShare.ldif) created during yaim configuration for the BDII is not correctly parsed by the info provider tools. This causes errors in the publication of the values . See the GGUS ticket #83229 for more details,

https://ggus.eu/tech/ticket_show.php?ticket=83229.

The host key must not contain anything but the key data, otherwise tomcat service will fail to start. See <https://savannah.cern.ch/bugs/?94300>

Tests performed:

Test script that:

- queries the CE for basic info
- gets the CE id from the ldap server at the CE
- Renews/Delegates a proxy into the CE
- Submits simple job without and with files
- Submits and cancels a job

Test output:

```
### Get CE id from ldap
### -> test06.egi.cesga.es:8443/cream-pbs-GRID_dteam

### Check user proxy and renew/delegate at CE
2012-06-25 13:31:53,706 WARN - No configuration file suitable for loading. Using built-in configuration
2012-06-25 13:31:56,849 NOTICE - Proxy with delegation id [my_verification_id] successfully renewed to endpoint [https://test06.egi.cesga.es:8443//ce-cream/services/gridsite-delegation]
### Show CE info
2012-06-25 13:31:56,895 WARN - No configuration file suitable for loading. Using built-in configuration
Interface Version = [2.1]
Service Version = [1.14 - EMI version: 2.0.0-1]
Description = [CREAM 2]
Started at = [Wed Jun 20 12:29:50 2012]
Submission enabled = [YES]
Status = [RUNNING]

### Submit two long jobs
### Job to be submitted:
Executable = "/bin/sleep";
Arguments = "40m";
2012-06-25 13:31:57,083 WARN - No configuration file suitable for loading. Using built-in configuration
https://test06.egi.cesga.es:8443/CREAM069295594
2012-06-25 13:31:57,413 WARN - No configuration file suitable for loading. Using built-in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM069295594]
Status = [REGISTERED]
### Job to be submitted:
Executable = "/bin/sleep";
Arguments = "40m";
2012-06-25 13:31:57,603 WARN - No configuration file suitable for loading. Using built-in configuration
https://test06.egi.cesga.es:8443/CREAM684246824
2012-06-25 13:31:58,305 WARN - No configuration file suitable for loading. Using built-in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM069295594]
```

```

        Status          = [PENDING]

***** JobID=[https://test06.egi.cesga.es:8443/CREAM684246824]
        Status          = [REGISTERED]
### waiting 10 min to check CE info
### Show CE info
2012-06-25 13:41:58,718 WARN - No configuration file suitable for loading. Using built-
in configuration
Interface Version   = [2.1]
Service Version     = [1.14 - EMI version: 2.0.0-1]
Description         = [CREAM 2]
Started at         = [Wed Jun 20 12:29:50 2012]
Submission enabled = [NO]
Status             = [RUNNING]
### Cancel submitted jobs
2012-06-25 13:41:58,914 WARN - No configuration file suitable for loading. Using built-
in configuration
### waiting 10 min to check CE info
### Show CE info
2012-06-25 13:51:59,122 WARN - No configuration file suitable for loading. Using built-
in configuration
Interface Version   = [2.1]
Service Version     = [1.14 - EMI version: 2.0.0-1]
Description         = [CREAM 2]
Started at         = [Wed Jun 20 12:29:50 2012]
Submission enabled = [YES]
Status             = [RUNNING]
~/tests/egi/jobexec
[enol@gridui03 jobexec]$ √B√B
-bash: √B√B: command not found
[enol@gridui03 jobexec]$
[enol@gridui03 jobexec]$
[enol@gridui03 jobexec]$ vim test.sh
[enol@gridui03 jobexec]$ vim test.sh
[enol@gridui03 jobexec]$ ./test.sh test06.egi.cesga.es
/tmp/tmp.lrhxjw2576 ~/tests/egi/jobexec

### Get CE id from ldap
### -> test06.egi.cesga.es:8443/cream-pbs-GRID_dteam

### Check user proxy and renew/delegate at CE
2012-06-25 15:17:19,615 WARN - No configuration file suitable for loading. Using built-
in configuration
2012-06-25 15:17:21,515 NOTICE - Proxy with delegation id [my_verification_id]
succesfully renewed to endpoint [https://test06.egi.cesga.es:8443//ce-
cream/services/gridsite-delegation]
### Show CE info
2012-06-25 15:17:21,553 WARN - No configuration file suitable for loading. Using built-
in configuration
Interface Version   = [2.1]
Service Version     = [1.14 - EMI version: 2.0.0-1]
Description         = [CREAM 2]
Started at         = [Wed Jun 20 12:29:50 2012]
Submission enabled = [YES]
Status             = [RUNNING]

### Submit simple job
### Job to be submitted:
Executable = "/bin/sleep";
Arguments  = "60";
2012-06-25 15:17:21,736 WARN - No configuration file suitable for loading. Using built-
in configuration
https://test06.egi.cesga.es:8443/CREAM015675714
2012-06-25 15:17:22,010 WARN - No configuration file suitable for loading. Using built-
in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM015675714]
        Status          = [REGISTERED]
2012-06-25 15:19:22,210 WARN - No configuration file suitable for loading. Using built-
in configuration
### OK!

### Submit job with I/O
68+0 records in
68+0 records out
34816 bytes (35 kB) copied, 0.000411 seconds, 84.7 MB/s
### Job to be submitted:

```

```

Executable = "script.sh";
Arguments = "myfile 34816";
InputSandbox = {"myfile", "script.sh"};
OutputSandbox = {"std.out", "std.err"};
StdOutput = "std.out";
StdError = "std.err";
OutputSandboxBaseDestUri = "gsiftp://localhost";
2012-06-25 15:19:22,410 WARN - No configuration file suitable for loading. Using built-
in configuration
https://test06.egi.cesga.es:8443/CREAM870897078
2012-06-25 15:19:24,340 WARN - No configuration file suitable for loading. Using built-
in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM870897078]
        Status = [PENDING]
2012-06-25 15:21:24,538 WARN - No configuration file suitable for loading. Using built-
in configuration
### OK!
2012-06-25 15:21:24,754 WARN - No configuration file suitable for loading. Using built-
in configuration
220 test06.egi.cesga.es GridFTP Server 6.10 (gcc64, 1334324800-83) [Globus Toolkit
5.2.0] ready.
230 User dteam027 logged in.
std.out: 44 bytes in 0.10 seconds. 0.46 KB/sec
std.err: 16 bytes in 0.10 seconds. 0.17 KB/sec
### Job output
Size of myfile is 34816 and should be 34816
### Job error
Test to stderr!

### Cancel job
### Job to be submitted:
Executable = "/bin/sleep";
Arguments = "10m";
2012-06-25 15:21:25,924 WARN - No configuration file suitable for loading. Using built-
in configuration
https://test06.egi.cesga.es:8443/CREAM203232287
2012-06-25 15:21:26,207 WARN - No configuration file suitable for loading. Using built-
in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM203232287]
        Status = [PENDING]
2012-06-25 15:22:56,398 WARN - No configuration file suitable for loading. Using built-
in configuration
2012-06-25 15:24:26,605 WARN - No configuration file suitable for loading. Using built-
in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM203232287]
        Status = [CANCELLED]
        ExitCode = []
        Description = [Cancelled by user]
2012-06-25 15:24:26,795 WARN - No configuration file suitable for loading. Using built-
in configuration
### OK!

```

Check for autodisabling in the CE:

- Set limit of active jobs to 2 for disabling the CE
- Submit two long jobs
- Check if the CE is disabled after 10m
- Cancel the jobs
- Check if the CE is enabled after 10m

Output:

```

### Get CE id from ldap
### -> test06.egi.cesga.es:8443/cream-pbs-GRID_dteam

### Check user proxy and renew/delegate at CE
2012-06-25 13:31:53,706 WARN - No configuration file suitable for loading. Using built-
in configuration

```

```

2012-06-25 13:31:56,849 NOTICE - Proxy with delegation id [my_verification_id]
succesfully renewed to endpoint [https://test06.egi.cesga.es:8443//ce-
cream/services/gridsite-delegation]
### Show CE info
2012-06-25 13:31:56,895 WARN - No configuration file suitable for loading. Using built-
in configuration
Interface Version = [2.1]
Service Version = [1.14 - EMI version: 2.0.0-1]
Description = [CREAM 2]
Started at = [Wed Jun 20 12:29:50 2012]
Submission enabled = [YES]
Status = [RUNNING]

### Submit two long jobs
### Job to be submitted:
Executable = "/bin/sleep";
Arguments = "40m";
2012-06-25 13:31:57,083 WARN - No configuration file suitable for loading. Using built-
in configuration
https://test06.egi.cesga.es:8443/CREAM069295594
2012-06-25 13:31:57,413 WARN - No configuration file suitable for loading. Using built-
in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM069295594]
Status = [REGISTERED]
### Job to be submitted:
Executable = "/bin/sleep";
Arguments = "40m";
2012-06-25 13:31:57,603 WARN - No configuration file suitable for loading. Using built-
in configuration
https://test06.egi.cesga.es:8443/CREAM684246824
2012-06-25 13:31:58,305 WARN - No configuration file suitable for loading. Using built-
in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM069295594]
Status = [PENDING]

***** JobID=[https://test06.egi.cesga.es:8443/CREAM684246824]
Status = [REGISTERED]
### waiting 10 min to check CE info
### Show CE info
2012-06-25 13:41:58,718 WARN - No configuration file suitable for loading. Using built-
in configuration
Interface Version = [2.1]
Service Version = [1.14 - EMI version: 2.0.0-1]
Description = [CREAM 2]
Started at = [Wed Jun 20 12:29:50 2012]
Submission enabled = [NO]
Status = [RUNNING]
### Cancel submitted jobs
2012-06-25 13:41:58,914 WARN - No configuration file suitable for loading. Using built-
in configuration
### waiting 10 min to check CE info
### Show CE info
2012-06-25 13:51:59,122 WARN - No configuration file suitable for loading. Using built-
in configuration
Interface Version = [2.1]
Service Version = [1.14 - EMI version: 2.0.0-1]
Description = [CREAM 2]
Started at = [Wed Jun 20 12:29:50 2012]
Submission enabled = [YES]
Status = [RUNNING]

```

Parallel jobs, submits using mpi-start:

- 2CPU job
- 4 CPU job
- 1 Host, WholeNodes= True job
- 2 Hosts, WholeNodes=True job
- MPI job (inc. compilation) with 2 CPUs
- Open MP job (inc. compilation), 1 Host, WholeNodes=True


```

### Check user proxy and renew/delegate at CE
### Show CE info
Interface Version = [2.1]
Service Version = [1.14 - EMI version: 2.0.0-1]
Description = [CREAM 2]
Started at = [Mon Jun 25 17:02:11 2012]
Submission enabled = [YES]
Status = [RUNNING]

### Get CE id from ldap
### -> test06.egi.cesga.es:8443/cream-pbs-GRID_dteam

### Submit parallel job 2 CPUs
### Job to be submitted:
Executable = "/usr/bin/mpi-start";
CPUNumber = 2;
Arguments = "-t dummy -- counter.sh";
InputSandbox = {"counter.sh"};
OutputSandbox = {"std.out", "std.err"};
StdOutput = "std.out";
StdError = "std.err";
OutputSandboxBaseDestUri = "gsiftp://localhost";
https://test06.egi.cesga.es:8443/CREAM593203493

***** JobID=[https://test06.egi.cesga.es:8443/CREAM593203493]
Status = [PENDING]
### OK!
220 test06.egi.cesga.es GridFTP Server 6.10 (gcc64, 1334324800-83) [Globus Toolkit
5.2.0] ready.

230 User dteam027 logged in.

std.out: 59 bytes in 0.10 seconds. 0.61 KB/sec
std.err: 0.10 seconds.
### Job output
NP: 2
HOSTS: 1
SLOTS: 2
HOSTS-SLOTS:
test15.egi.cesga.es 2
### Job error

### Submit parallel job 4 CPUs
### Job to be submitted:
Executable = "/usr/bin/mpi-start";
CPUNumber = 4;
Arguments = "-t dummy -- counter.sh";
InputSandbox = {"counter.sh"};
OutputSandbox = {"std.out", "std.err"};
StdOutput = "std.out";
StdError = "std.err";
OutputSandboxBaseDestUri = "gsiftp://localhost";
https://test06.egi.cesga.es:8443/CREAM779462779

***** JobID=[https://test06.egi.cesga.es:8443/CREAM779462779]
Status = [PENDING]
### OK!
220 test06.egi.cesga.es GridFTP Server 6.10 (gcc64, 1334324800-83) [Globus Toolkit
5.2.0] ready.

230 User dteam027 logged in.

std.out: 81 bytes in 0.10 seconds. 0.85 KB/sec
std.err: 0.10 seconds.
### Job output
NP: 4
HOSTS: 2
SLOTS: 4
HOSTS-SLOTS:
test14.egi.cesga.es 2
test15.egi.cesga.es 2
### Job error

### Submit parallel job WholeNode
### Job to be submitted:
Executable = "/usr/bin/mpi-start";
WholeNodes = True;

```

```
HostNumber = 1;
Arguments = "-t dummy -- counter.sh";
InputSandbox = {"counter.sh"};
OutputSandbox = {"std.out", "std.err"};
StdOutput = "std.out";
StdError = "std.err";
OutputSandboxBaseDestUri = "gsiftp://localhost";
https://test06.egi.cesga.es:8443/CREAM835337504

***** JobID=[https://test06.egi.cesga.es:8443/CREAM835337504]
Status = [PENDING]
### OK!
220 test06.egi.cesga.es GridFTP Server 6.10 (gcc64, 1334324800-83) [Globus Toolkit
5.2.0] ready.

230 User dteam027 logged in.

std.out: 59 bytes in 0.10 seconds. 0.62 KB/sec
std.err: 0.09 seconds.
### Job output
NP: 2
HOSTS: 1
SLOTS: 2
HOSTS-SLOTS:
test15.egi.cesga.es 2
### Job error

### Submit parallel job WholeNode 2 Hosts
### Job to be submitted:
Executable = "/usr/bin/mpi-start";
WholeNodes = True;
HostNumber = 2;
Arguments = "-t dummy -- counter.sh";
InputSandbox = {"counter.sh"};
OutputSandbox = {"std.out", "std.err"};
StdOutput = "std.out";
StdError = "std.err";
OutputSandboxBaseDestUri = "gsiftp://localhost";
https://test06.egi.cesga.es:8443/CREAM631124917

***** JobID=[https://test06.egi.cesga.es:8443/CREAM631124917]
Status = [PENDING]
### OK!
220 test06.egi.cesga.es GridFTP Server 6.10 (gcc64, 1334324800-83) [Globus Toolkit
5.2.0] ready.

230 User dteam027 logged in.

std.out: 81 bytes in 0.10 seconds. 0.82 KB/sec
std.err: 0.10 seconds.
### Job output
NP: 4
HOSTS: 2
SLOTS: 4
HOSTS-SLOTS:
test14.egi.cesga.es 2
test15.egi.cesga.es 2
### Job error

### Submit parallel job MPI 2 Processes
### Job to be submitted:
Executable = "/usr/bin/mpi-start";
CpuNumber = 2;
Arguments = "-t openmpi -pre hooks.sh -- cpi";
InputSandbox = {"cpi.c", "hooks.sh"};
OutputSandbox = {"std.out", "std.err"};
StdOutput = "std.out";
StdError = "std.err";
OutputSandboxBaseDestUri = "gsiftp://localhost";
https://test06.egi.cesga.es:8443/CREAM893113238

***** JobID=[https://test06.egi.cesga.es:8443/CREAM893113238]
Status = [PENDING]
### OK!
220 test06.egi.cesga.es GridFTP Server 6.10 (gcc64, 1334324800-83) [Globus Toolkit
5.2.0] ready.
```

```

230 User dteam027 logged in.

std.out: 135 bytes in 0.10 seconds. 1.36 KB/sec
std.err: 98 bytes in 0.10 seconds. 1.01 KB/sec
### Job output
Compiling cpi
Successfully compiled cpi
pi is approximately 3.1415926539002363, Error is 0.0000000003104432
wall clock time = 0.001862
### Job error
Process 0 on test15.egi.cesga.es: n=1
Using 16384 intervals
Process 1 on test15.egi.cesga.es: n=1

### Submit Open MP parallel job, whole node!
### Job to be submitted:
Executable = "/usr/bin/mpi-start";
WholeNodes = True;
HostNumber = 1;
Arguments = "-t dummy -pre hooks.sh -- omp";
InputSandbox = {"omp.c", "hooks.sh"};
OutputSandbox = {"std.out", "std.err"};
StdOutput = "std.out";
StdError = "std.err";
OutputSandboxBaseDestUri = "gsiftp://localhost";
https://test06.egi.cesga.es:8443/CREAM185918561

***** JobID=[https://test06.egi.cesga.es:8443/CREAM185918561]
        Status = [PENDING]
### OK!
220 test06.egi.cesga.es GridFTP Server 6.10 (gcc64, 1334324800-83) [Globus Toolkit
5.2.0] ready.

230 User dteam027 logged in.

std.out: 62 bytes in 0.10 seconds. 0.64 KB/sec
std.err: 84 bytes in 0.10 seconds. 0.87 KB/sec
### Job output
Compiling omp
Successfully compiled omp
Number of threads = 2
### Job error
Thread 1 starting...
Thread 0 starting...
Thread 0 stopping...
Thread 1 stopping...

```

Check publication in LDAP:

With empty queues:

```

ldapsearch -x -h localhost -p 2170 -b GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-
GRID_dteam,mds-vo-name=resource,o=grid
# extended LDIF
#
# LDAPv3
# base <GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-GRID_dteam,mds-vo-
name=resource,o=grid> with scope subtree
# filter: (objectclass=*)
# requesting: ALL
#
# test06.egi.cesga.es:8443/cream-pbs-GRID_dteam, resource, grid
dn: GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-GRID_dteam,Mds-Vo-name=r
esource,o=grid
GlueCEStateStatus: Production
GlueCEStateTotalJobs: 0
GlueCEStateFreeCPUs: 4
GlueCEPolicyPriority: 1
GlueCEInfoJobManager: pbs
GlueCEInfoHostName: test06.egi.cesga.es
GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_dteam
GlueCEStateFreeJobSlots: 4
GlueForeignKey: GlueClusterUniqueID=test06.egi.cesga.es
GlueCEStateWorstResponseTime: 0
GlueCEPolicyMaxTotalJobs: 999999999

```

```
GlueCEName: GRID_dteam
GlueCEPolicyMaxSlotsPerJob: 999999999
GlueCEInfoLRMSType: torque
GlueCEPolicyMaxWaitingJobs: 999999999
GlueCEStateEstimatedResponseTime: 0
GlueCEImplementationName: CREAM
GlueCEInfoContactString: https://test06.egi.cesga.es:8443/ce-cream/services
GlueCEPolicyMaxCPUTime: 2880
GlueCEStateRunningJobs: 0
GlueCECapability: CPUScalingReferenceSI00=2395
GlueSchemaVersionMajor: 1
GlueCEPolicyMaxObtainableWallClockTime: 4320
GlueCEInfoDataDir: unset
GlueCEAccessControlBaseRule: VO:dteam
GlueCEAccessControlBaseRule: VOMS:/dteam/Role=lcgadmin
GlueCEInfoTotalCPUs: 4
GlueSchemaVersionMinor: 3
GlueCEPolicyPreemption: 0
GlueCEPolicyMaxRunningJobs: 999999999
GlueCEPolicyAssignedJobSlots: 4
GlueInformationServiceURL: ldap://test06.egi.cesga.es:2170/mds-vo-name=resource,o=grid
GlueCEHostingCluster: test06.egi.cesga.es
GlueCEInfoLRMSVersion: 2.5.7
GlueCEPolicyMaxWallClockTime: 4320
objectClass: GlueCETop
objectClass: GlueCE
objectClass: GlueCEAccessControlBase
objectClass: GlueCEInfo
objectClass: GlueCEPolicy
objectClass: GlueCEState
objectClass: GlueInformationService
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueCEStateWaitingJobs: 0
GlueCEImplementationVersion: 1.14.0
GlueCEInfoGatekeeperPort: 8443
GlueCEPolicyMaxObtainableCPUTime: 2880
GlueCEInfoDefaultSE: test08.egi.cesga.es
GlueCEInfoApplicationDir: /opt/exp_soft

# dteam, test06.egi.cesga.es:8443/cream-pbs-GRID_dteam, resource, grid
dn: GlueVOViewLocalID=dteam,GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-GRID_dteam,Mds-Vo-name=resource,o=grid
GlueVOViewLocalID: dteam
GlueCEStateTotalJobs: 0
GlueCEInfoDataDir: unset
GlueCEStateEstimatedResponseTime: 0
objectClass: GlueCETop
objectClass: GlueVOView
objectClass: GlueCEInfo
objectClass: GlueCEState
objectClass: GlueCEAccessControlBase
objectClass: GlueCEPolicy
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueCEStateWaitingJobs: 0
GlueCEStateFreeJobSlots: 4
GlueSchemaVersionMinor: 3
GlueCEAccessControlBaseRule: VO:dteam
GlueCEStateRunningJobs: 0
GlueCEStateWorstResponseTime: 0
GlueChunkKey: GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-GRID_dteam
GlueCEInfoDefaultSE: test08.egi.cesga.es
GlueSchemaVersionMajor: 1
GlueCEInfoApplicationDir: /opt/exp_soft/dteam

# search result
search: 2
result: 0 Success

# numResponses: 3
# numEntries: 2
```

After submission of 6 jobs:

```
ldapsearch -x -h localhost -p 2170 -b GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-GRID_dteam,mds-vo-name=resource,o=grid
# extended LDIF
#
# LDAPv3
#   base <GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-GRID_dteam,mds-vo-name=resource,o=grid> with scope subtree
# filter: (objectclass=*)
# requesting: ALL
#
# test06.egi.cesga.es:8443/cream-pbs-GRID_dteam, resource, grid
dn: GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-GRID_dteam,Mds-Vo-name=resource,o=grid
GlueCEStateStatus: Production
GlueCEPolicyPriority: 1
GlueCEInfoJobManager: pbs
GlueCEInfoHostName: test06.egi.cesga.es
GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_dteam
GlueForeignKey: GlueClusterUniqueID=test06.egi.cesga.es
GlueCEPolicyMaxTotalJobs: 999999999
GlueCEName: GRID_dteam
GlueCEPolicyMaxSlotsPerJob: 999999999
GlueCEInfoLRMSType: torque
GlueCEPolicyMaxWaitingJobs: 999999999
GlueCEImplementationName: CREAM
GlueCEInfoContactString: https://test06.egi.cesga.es:8443/ce-cream/services
GlueCEPolicyMaxCPUTime: 2880
GlueCECapability: CPUScalingReferenceSI00=2395
GlueSchemaVersionMajor: 1
GlueCEPolicyMaxObtainableWallClockTime: 4320
GlueCEInfoDataDir: unset
GlueCEAccessControlBaseRule: VO:dteam
GlueCEAccessControlBaseRule: VOMS:/dteam/Role=lcgadmin
GlueCEInfoTotalCPUs: 4
GlueSchemaVersionMinor: 3
GlueCEPolicyPreemption: 0
GlueCEPolicyMaxRunningJobs: 999999999
GlueCEPolicyAssignedJobSlots: 4
GlueInformationServiceURL: ldap://test06.egi.cesga.es:2170/mds-vo-name=resource,o=grid
GlueCEHostingCluster: test06.egi.cesga.es
GlueCEInfoLRMSVersion: 2.5.7
GlueCEPolicyMaxWallClockTime: 4320
objectClass: GlueCETop
objectClass: GlueCE
objectClass: GlueCEAccessControlBase
objectClass: GlueCEInfo
objectClass: GlueCEPolicy
objectClass: GlueCEState
objectClass: GlueInformationService
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueCEImplementationVersion: 1.14.0
GlueCEInfoGatekeeperPort: 8443
GlueCEPolicyMaxObtainableCPUTime: 2880
GlueCEInfoDefaultSE: test08.egi.cesga.es
GlueCEInfoApplicationDir: /opt/exp_soft
GlueCEStateTotalJobs: 6
GlueCEStateFreeCPUs: 0
GlueCEStateEstimatedResponseTime: 69
GlueCEStateWaitingJobs: 2
GlueCEStateRunningJobs: 4
GlueCEStateFreeJobSlots: 0
GlueCEStateWorstResponseTime: 2146660842

# dteam, test06.egi.cesga.es:8443/cream-pbs-GRID_dteam, resource, grid
dn: GlueVOViewLocalID=dteam,GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-GRID_dteam,Mds-Vo-name=resource,o=grid
GlueVOViewLocalID: dteam
GlueCEInfoDataDir: unset
objectClass: GlueCETop
objectClass: GlueVOView
objectClass: GlueCEInfo
objectClass: GlueCEState
objectClass: GlueCEAccessControlBase
```

```

objectClass: GlueCEPolicy
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueCEAccessControlBaseRule: VO:dteam
GlueChunkKey: GlueCEUniqueID=test06.egi.cesga.es:8443/cream-pbs-GRID_dteam
GlueCEInfoDefaultSE: test08.egi.cesga.es
GlueSchemaVersionMajor: 1
GlueCEInfoApplicationDir: /opt/exp_soft/dteam
GlueCEStateTotalJobs: 6
GlueCEStateEstimatedResponseTime: 69
GlueCEStateWaitingJobs: 2
GlueCEStateRunningJobs: 4
GlueCEStateFreeJobSlots: 0
GlueCEStateWorstResponseTime: 2146660842

# search result
search: 2
result: 0 Success

# numResponses: 3
# numEntries: 2

```

Check APEL generation of records:

```

APEL_HOME=/ /usr/bin/apel-pbs-log-parser -f /etc/glite-apel-pbs/parser-config-yaim.xml
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Read-in configuration: [quiet, p,
inspectTables, c, e, recursiveEventFiles, b, recursiveBlahdFiles] [DBPassword=****,
site=CESGA-EGEE, pbslog=/var/lib/torque/server_priv/accounting,
GIIS=test06.egi.cesga.es, CHost=test06.egi.cesga.es, blahdlogPrefix=blahp.log-,
DBURL=jdbc:mysql://test07.egi.cesga.es:3306/accounting, DBUsername=accounting,
timeZone=UTC, blahdlog=/var/log/cream/accounting]
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - ----- Starting the apel application
-----
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - **** APEL is examining the schema
****
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Checking the LcgRecords table
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - The LcgRecords schema is up-to-date
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Checking the BlahdRecords table
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - The BlahdRecords schema is up-to-
date
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Checking the LcgProcessedFiles table
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - The LcgProcessedFiles schema is up-
to-date
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Checking the SpecRecords table for
patch 28593
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Checking the SpecRecords table for
patch 65723
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - The SpecRecords schema is up-to-date
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Checking the GkRecords table
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - The GkRecords schema is up-to-date
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Checking the MessageRecords table
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - The MessageRecords schema is up-to-
date
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - **** Schema checks complete ****
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Finding CPU spec values from GIIS
server: test06.egi.cesga.es
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - LDAP URL:
ldap://test06.egi.cesga.es:2170
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Found New ClusterId, now storing it
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Found New ClusterId, now storing it
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Found New ClusterId, now storing it
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Found New ClusterId, now storing it
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Reprocess disabled, checking new
event logs only
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - **** Updating PBS end event table
(EventRecords) ****
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Processing batch log file:
test06.egi.cesga.es /var/lib/torque/server_priv/accounting/20120620
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Processing batch log file:
test06.egi.cesga.es /var/lib/torque/server_priv/accounting/20120625
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Processing batch log file:
test06.egi.cesga.es /var/lib/torque/server_priv/accounting/20120619
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Event records inserted: 29
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Checking the BlahdRecords table

```

```
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - The BlandRecords schema is up-to-  
date  
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Reprocess disabled, checking new  
event logs only  
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Processing  
/var/log/cream/accounting/blahp.log-20120620  
Mon Jun 25 14:31:11 UTC 2012: apel-pbs-log-parser - Processing  
/var/log/cream/accounting/blahp.log-20120625  
Mon Jun 25 14:31:12 UTC 2012: apel-pbs-log-parser - Bland records inserted: 33  
Mon Jun 25 14:31:12 UTC 2012: apel-pbs-log-parser - ----- Processing finished -----
```

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: