

Testing and Certification report savannah task #21059 CREAM v. 1.14.0 (EMI2)

Summary

- Product: **CREAM v. 1.14.0**
- Release Task: Task #21059
- ETICS Subsystem Configuration Name: **emi-cream-ce_R_1_14_0_3**
- VCS Tag: emi-cream-mp_R_1_1_0_3
- EMI Major Release: EMI 2 (Matterhorn)
- Platform: SL5 epel
- Author: Sara Bertocco
- Testing report: TBD
- Certification report: TBD
- Date: 12st April 2012
- Outcome: Certificatied

SL5

Deployment tests

Clean Installation

- EMI2 CREAM SL5 installation from scratch and configuration log here.
- EMI2 CREAM SL6 installation from scratch and configuration log here.

Upgrade Installation

- EMI2 CREAM SL5 update from EMI1 production version and configuration log here.

Unit Tests

Available here .

System tests

Functionality tests after the update

Check of `service gLite restart` commad

- In SL5 installed from scratch:

```
[root@cream-48 ~]# service gLite restart
STOPPING SERVICES
*** glite-lb-locallogger:
Stopping glite-lb-logd ... not running
Stopping glite-lb-interlogd ... not running

*** tomcat5:
Stopping tomcat5: [ OK ]

*** glite-ce-blah-parser:
```

EMI2CREAMTask21059 < IGIRelease < TWiki

```
Shutting down BNotifier: [ OK ]
Shutting down BUpdaterLSF: [ OK ]

STARTING SERVICES
*** glite-ce-blah-parser:
Starting BNotifier: [ OK ]
Starting BUpdaterLSF: [ OK ]

*** tomcat5:
Starting tomcat5: [ OK ]

*** glite-lb-locallogger:
Error: GLITE_USER is not set
FAILED
```

• In SL5 update from EMI1 production to EMI2:

```
service gLite restart
STOPPING SERVICES
*** tomcat5:
Stopping tomcat5: [ OK ]

*** glite-ce-blah-parser:
Shutting down BNotifier: [ OK ]
Shutting down BUpdaterLSF: [ OK ]

*** glite-ce-blahparser:
/etc/init.d/gLite: line 48: /etc/init.d/glite-ce-blahparser: No such file or directory

*** glite-lb-locallogger:
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ... done

*** tomcat5:
Stopping tomcat5:
STARTING SERVICES
*** tomcat5:
Starting tomcat5: [ OK ]

*** glite-lb-locallogger:
Starting glite-lb-logd ...This is LocalLogger, part of Workload Management System in EU DataGrid
done
Starting glite-lb-interlogd ... done

*** glite-ce-blahparser:
/etc/init.d/gLite: line 40: /etc/init.d/glite-ce-blahparser: No such file or directory

*** glite-ce-blah-parser:
Starting BNotifier: /usr/libexec/BNotifier: Error creating and binding socket: Address already in use
[FAILED]
Starting BUpdaterLSF: [ OK ]

*** tomcat5:
Starting tomcat5: tomcat5 process already running
```

Testsuite results

• Testsuite run vs. SL5

```
pybot -e cpu_alloc -e glue /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmpg4Iz9k.cream_testing/
INFO: Non-mandatory variable "sec_proxy_pass" has not been set.
=====
Cream Test Suite :: This is the main testing module,needed for testing the ...
=====
```

EMI2CREAMTask21059 < IGIRelase < TWiki

```
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
Check Executables :: Check whether the needed executables for the ... | PASS |
-----
Simple Submit :: Execute /bin/uname -a.Submit the jdl and wait for... | PASS |
-----
ISB Base URI :: Execute a bash shell script.The script is stored i... | PASS |
-----
ISB Client to CE :: Execute a bash shell script.The script is stor... | PASS |
-----
ISB gsiftp to CE :: Execute a bash shell script.The script is stor... | PASS |
-----
OSB localhost :: Execute /bin/uname -a.Store std out and error str... | PASS |
-----
OSB gsiftp BaseDestURI :: Execute /bin/uname -a.Store std out and ... | PASS |
-----
OSB gsiftp DestURI :: Execute /bin/uname -a.Store std out and erro... | PASS |
-----
Environment :: Execute a bash shell script.The script is stored lo... | PASS |
-----
Epilogue :: Execute two bash shell scripts,one for the job and the... | PASS |
-----
Prologue :: Execute two bash shell scripts,one for the job and the... | PASS |
-----
Explicit Delegation :: Test job submission with explicit delegatio... | PASS |
-----
Job Cancel :: Test job cancellation.Two cases are tested:          | PASS |
-----
Job List :: Test the job listing cli utility.Store the list of the... | PASS |
-----
Job Suspend - Resume :: Submit a job and suspend it.Wait until it'... | PASS |
-----
Manually Cancel Job :: Submit a job and then manually cancel it on... | PASS |
-----
Verify CE service info :: This test case verifies the output of th... | PASS |
-----
Enable - Disable Submission :: This test case tests the proper fun... | PASS |
-----
Job Purge :: This test case verifies the proper functionality of t... | PASS |
-----
Admin Manage Job :: This test case checks whether a user can manag... | PASS |
-----
Limiter :: NOTE: This test case is about 25 minutes long!          | PASS |
-----
Ban User :: This test case tests if the banning of user works. The... | PASS |
-----
Sandbox Staging :: This test case tests the two different Sandbox ... | PASS |
-----
Automatic Proxy Purging :: This test case checks the automatic pro... | PASS |
-----
Verify Job Status Output :: This test is checking the output of th... | PASS |
-----
OutputData :: This test case tests the OutputData jdl attribute. T... | PASS |
-----
Automatic Job Purge :: This test case is testing the functionality... | PASS |
-----
Proxy Renewal :: Submit a job lasting 20 minutes using a proxy val... | PASS |
-----
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
29 critical tests, 29 passed, 0 failed
29 tests total, 29 passed, 0 failed
=====
Output: /home/bertocco/output.xml
Log: /home/bertocco/log.html
Report: /home/bertocco/report.html
```

Testsuite output and reports here.

Performance and scalability tests

Workplan here .

cream-test-monitored-cancel PASSED

Command:

```
cream-test-monitored-cancel -r 30 -n 1000 -m 50 -C 50 -l log4py.conf -j simple.jdl -R cream-48.pd
```

Result: cream-test-monitored-cancel.log.txt

cream-test-monitored-submit PASSED

Command:

```
cream-test-monitored-submit -r 30 -n 1000 -m 50 -C 50 -l log4py.conf -j jdl/testsandbox.jdl -R cr
```

Result: cream-test-monitored-submit.log.txt

cream-test-monitored-lease-updated PASSED

Command:

```
cream-test-monitored-lease-updated -r 60 -n 100 -m 10 -C 10 -l log4py.conf -W 1200 --vo dteam --v
```

Result: cream-test-monitored-lease-updated.log.txt

Regression tests

Tests of attached bugs fixed in CREAM 1.14

Bug #89664 - SL5 FIXED

```
# grep CE_OTHER services/glite-creamce
#CE_OTHERDESCR="Cores=1,Benchmark=150-HEP-SPEC06"
CE_OTHERDESCR="Cores=1"
```

```
$ ldapsearch -h emi-demo08.cnaf.infn.it -x -p 2170 -b "o=glue" objectclass=GLUE2ExecutionEnvironm
# requesting: GLUE2EntityOtherInfo
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-executionenvironment-sta
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo08.cnaf.infn.it
GLUE2EntityOtherInfo: SmpSize=2
GLUE2EntityOtherInfo: Cores=1
```

```
# grep CE_OTHER siteinfo/services/glite-creamce
#CE_OTHERDESCR="Cores=1, Benchmark=150-HEP-SPEC06"
CE_OTHERDESCR="Cores=2, Benchmark=4-HEP-SPEC06"
```

```
$ ldapsearch -h emi-demo08.cnaf.infn.it -x -p 2170 -b "o=glue" objectclass=GLUE2ExecutionEnvironm
# requesting: GLUE2EntityOtherInfo
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-executionenvironment-sta
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo08.cnaf.infn.it
GLUE2EntityOtherInfo: SmpSize=2
GLUE2EntityOtherInfo: Cores=2
```

EMI2CREAMTask21059 < IGIRelase < TWiki

```
$ ldapsearch -h emi-demo08.cnaf.infn.it -x -p 2170 -b "o=glue" objectclass=Glue2Benchmark
# extended LDIF
#
# LDAPv3
# base <o=glue> with scope subtree
# filter: objectclass=Glue2Benchmark
# requesting: ALL
#
# emi-demo08.cnaf.infn.it_hep-spec06, emi-demo08.cnaf.infn.it, emi-demo08.cnaf.infn.it_ComputingElement, resource, glue
dn: GLUE2BenchmarkID=emi-demo08.cnaf.infn.it_hep-spec06,GLUE2ResourceID=emi-demo08.cnaf.infn.it,GLUE2ServiceID=emi-demo08.cnaf.infn.it_ComputingElement,GLUE2GroupID=resource,o=glue
GLUE2BenchmarkExecutionEnvironmentForeignKey: emi-demo08.cnaf.infn.it
GLUE2BenchmarkID: emi-demo08.cnaf.infn.it_hep-spec06
GLUE2BenchmarkType: hep-spec06
objectClass: GLUE2Entity
objectClass: GLUE2Benchmark
GLUE2EntityCreationTime: 2012-05-22T16:32:11Z
GLUE2BenchmarkValue: 4
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-benchmark-static
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo08.cnaf.infn.it
GLUE2BenchmarkComputingManagerForeignKey: emi-demo08.cnaf.infn.it_ComputingElement_Manager
GLUE2EntityName: Benchmark hep-spec06

# emi-demo08.cnaf.infn.it_specfp2000, emi-demo08.cnaf.infn.it, emi-demo08.cnaf.infn.it_ComputingElement, resource, glue
dn: GLUE2BenchmarkID=emi-demo08.cnaf.infn.it_specfp2000,GLUE2ResourceID=emi-demo08.cnaf.infn.it,GLUE2ServiceID=emi-demo08.cnaf.infn.it_ComputingElement,GLUE2GroupID=resource,o=glue
GLUE2BenchmarkExecutionEnvironmentForeignKey: emi-demo08.cnaf.infn.it
GLUE2BenchmarkID: emi-demo08.cnaf.infn.it_specfp2000
GLUE2BenchmarkType: specfp2000
objectClass: GLUE2Entity
objectClass: GLUE2Benchmark
GLUE2EntityCreationTime: 2012-05-22T16:32:11Z
GLUE2BenchmarkValue: 1496
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-benchmark-static
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo08.cnaf.infn.it
GLUE2BenchmarkComputingManagerForeignKey: emi-demo08.cnaf.infn.it_ComputingElement_Manager
GLUE2EntityName: Benchmark specfp2000

# emi-demo08.cnaf.infn.it_specint2000, emi-demo08.cnaf.infn.it, emi-demo08.cnaf.infn.it_ComputingElement, resource, glue
dn: GLUE2BenchmarkID=emi-demo08.cnaf.infn.it_specint2000,GLUE2ResourceID=emi-demo08.cnaf.infn.it,GLUE2ServiceID=emi-demo08.cnaf.infn.it_ComputingElement,GLUE2GroupID=resource,o=glue
GLUE2BenchmarkExecutionEnvironmentForeignKey: emi-demo08.cnaf.infn.it
GLUE2BenchmarkID: emi-demo08.cnaf.infn.it_specint2000
GLUE2BenchmarkType: specint2000
objectClass: GLUE2Entity
objectClass: GLUE2Benchmark
GLUE2EntityCreationTime: 2012-05-22T16:32:11Z
GLUE2BenchmarkValue: 1286
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-benchmark-static
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo08.cnaf.infn.it
GLUE2BenchmarkComputingManagerForeignKey: emi-demo08.cnaf.infn.it_ComputingElement_Manager
GLUE2EntityName: Benchmark specint2000

# search result
search: 2
result: 0 Success
```

EMI2CREAMTask21059 < IGIRelease < TWiki

```
# numResponses: 4
# numEntries: 3
```

Bug #89784 - SL5 FIXED

```
# mv /etc/grid-security/vomsdir/dteam/voms.hellasgrid.gr.lsc /etc/grid-security/vomsdir/dteam/vom
# mv /etc/grid-security/vomsdir/ops/lcg-voms.cern.ch.lsc /etc/grid-security/vomsdir/ops/lcg-voms.

$ glite-ce-job-submit -r cream-48:8443/cream-lsf-cert -a /home/bertocco/jdl/sleep_10.jdl
2012-05-22 16:38:48,057 FATAL - Authorization failure: Authorization error: Failed to get the loc
```

Bug #90331 - SL5 FIXED

- Using a User Interface EMI 1 not fxd (No fault thrown):

```
$ glite-ce-job-submit -r cream-48:8443/cream-lsf-cert -a /home/bertocco/jdl/sleep.jdl
https://cream-48.pd.infn.it:8443/CREAM532447648
```

```
# cat /etc/lcas/ban_users.db
"/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco"
```

```
$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM532447648
$
```

No fault thrown, but re-enabling the user:

```
$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM532447648
```

```
***** JobID=[https://cream-48.pd.infn.it:8443/CREAM532447648]
        Status      = [ABORTED]
        ExitCode     = []
        FailureReason = [The job cannot be submitted because the blparser service is not alive]
```

With the ce correctly running:

```
$ glite-ce-job-submit -r cream-48:8443/cream-lsf-cert -a /home/bertocco/jdl/sleep_100.jdl
https://cream-48.pd.infn.it:8443/CREAM519723008
```

```
$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM519723008
```

```
***** JobID=[https://cream-48.pd.infn.it:8443/CREAM519723008]
        Status      = [RUNNING]
```

```
# cat /etc/lcas/ban_users.db
"/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco"
```

```
$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM519723008
```

```
# cat /etc/lcas/ban_users.db
"/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco"
```

- Using a User Interface EMI 1 not fxd:

```
$ glite-ce-job-submit -r emi-demo08.cnaf.infn.it:8443/cream-lsf-demo -a sleep_100.jdl
https://emi-demo08.cnaf.infn.it:8443/CREAM172107197
```

```
$ glite-ce-job-status https://emi-demo08.cnaf.infn.it:8443/CREAM172107197
```

```
***** JobID=[https://emi-demo08.cnaf.infn.it:8443/CREAM172107197]
        Status      = [REALLY-RUNNING]
```

```
$ glite-ce-job-status https://emi-demo08.cnaf.infn.it:8443/CREAM172107197
2012-05-23 14:03:48,185 FATAL - MethodName=[JobStatus] ErrorCode=[0] Description=[CN=Sara Bertocco
```

Bug #91558 - SL5 FIX NOT CERTIFIED (NO PROCEDURE)**Bug #91819 - SL5 FIXED**

Tested through the limiter test of the Robot based test-suite, see functionality tests.

Bug #92101 - SL5 FIXED

```
$ grep JAVA_OPTS /etc/tomcat5/tomcat5.conf
#JAVA_OPTS="-Xminf0.1 -Xmaxf0.3"
# Use JAVA_OPTS to set java.library.path for libtcnative.so
#JAVA_OPTS="-Djava.library.path=/usr/lib
JAVA_OPTS="$JAVA_OPTS -Dcatalina.ext.dirs=$CATALINA_HOME/shared/lib:$CATALINA_HOME/common/lib"
JAVA_OPTS="${JAVA_OPTS} -Djavax.sql.DataSource.Factory=org.apache.commons.dbcp.BasicDataSourceFac
JAVA_OPTS="${JAVA_OPTS} -server -Xms512m -Xmx2048m"

# grep CREAM_JAVA_OPTS_HEAP services/glite-creamce
CREAM_JAVA_OPTS_HEAP="-Xms512m -Xmx1024m"

# /opt/glite/yaim/bin/yaim -c -s /usr/local/nfs1/jral_test/cream-48/site-info_lsf.def -n creamCE

# grep JAVA_OPTS /etc/tomcat5/tomcat5.conf
#JAVA_OPTS="-Xminf0.1 -Xmaxf0.3"
# Use JAVA_OPTS to set java.library.path for libtcnative.so
#JAVA_OPTS="-Djava.library.path=/usr/lib
JAVA_OPTS="$JAVA_OPTS -Dcatalina.ext.dirs=$CATALINA_HOME/shared/lib:$CATALINA_HOME/common/lib"
JAVA_OPTS="${JAVA_OPTS} -Djavax.sql.DataSource.Factory=org.apache.commons.dbcp.BasicDataSourceFac
JAVA_OPTS="${JAVA_OPTS} -server -Xms512m -Xmx1024m"
```

Bug #93768 - SL5 FIXED

```
$ glite-ce-job-submit --logfile /tmp/test93768.log -r cream-48.pd.infn.it:8443/cream-lsf-cert -
https://cream-48.pd.infn.it:8443/CREAM195988864
$ cat /tmp/test93768.log
2012-05-21 15:36:33,181 FATAL - The file [/home/bertocco/mbutos_cream_testsuite/glite-testsuites-
```

Bug #80295 - SL5 FIXED

```
# /sbin/runuser -s /bin/sh ldap -c "/usr/libexec/lcg-info-dynamic-scheduler -c /etc/lrms/schedule
dn: GlueVOViewLocalID=cms,GlueCEUniqueID=cream-48.pd.infn.it:8443/cream-lsf-cert,mds-vo-name=reso
GlueVOViewLocalID: cms
GlueCEStateRunningJobs: 0
GlueCEStateWaitingJobs: 0
GlueCEStateTotalJobs: 0
GlueCEStateFreeJobSlots: 205
GlueCEStateEstimatedResponseTime: 0
GlueCEStateWorstResponseTime: 0

dn: GlueVOViewLocalID=dteam,GlueCEUniqueID=cream-48.pd.infn.it:8443/cream-lsf-cert,mds-vo-name=re
GlueVOViewLocalID: dteam
GlueCEStateRunningJobs: 10
GlueCEStateWaitingJobs: 0
GlueCEStateTotalJobs: 10
GlueCEStateFreeJobSlots: 205
GlueCEStateEstimatedResponseTime: 0
GlueCEStateWorstResponseTime: 0

dn: GlueVOViewLocalID=enmr.eu,GlueCEUniqueID=cream-48.pd.infn.it:8443/cream-lsf-cert,mds-vo-name=
GlueVOViewLocalID: enmr.eu
GlueCEStateRunningJobs: 0
GlueCEStateWaitingJobs: 0
GlueCEStateTotalJobs: 0
GlueCEStateFreeJobSlots: 205
GlueCEStateEstimatedResponseTime: 0
GlueCEStateWorstResponseTime: 0
```

EMI2CREAMTask21059 < IGIRelease < TWiki

dn: GlueVOViewLocalID=infngrid,GlueCEUniqueID=cream-48.pd.infn.it:8443/cream-lsf-cert,mds-vo-name=resource,ou=cream,dc=inf,dc=it
GlueVOViewLocalID: infngrid
GlueCEStateRunningJobs: 0
GlueCEStateWaitingJobs: 0
GlueCEStateTotalJobs: 0
GlueCEStateFreeJobSlots: 205
GlueCEStateEstimatedResponseTime: 0
GlueCEStateWorstResponseTime: 0

dn: GlueVOViewLocalID=ops,GlueCEUniqueID=cream-48.pd.infn.it:8443/cream-lsf-cert,mds-vo-name=resource,ou=cream,dc=inf,dc=it
GlueVOViewLocalID: ops
GlueCEStateRunningJobs: 0
GlueCEStateWaitingJobs: 0
GlueCEStateTotalJobs: 0
GlueCEStateFreeJobSlots: 205
GlueCEStateEstimatedResponseTime: 0
GlueCEStateWorstResponseTime: 0

dn: GlueCEUniqueID=cream-48.pd.infn.it:8443/cream-lsf-cert,mds-vo-name=resource,o=grid
GlueCEStateFreeJobSlots: 205
GlueCEStateFreeCPUs: 205
GlueCEStateRunningJobs: 10
GlueCEStateWaitingJobs: 0
GlueCEStateTotalJobs: 10
GlueCEStateEstimatedResponseTime: 0
GlueCEStateWorstResponseTime: 0

dn: GLUE2ShareID=cert_cms_cream-48.pd.infn.it_ComputingElement,GLUE2ServiceID=cream-48.pd.infn.it,ou=cream,dc=inf,dc=it
GLUE2ComputingShareRunningJobs: 0
GLUE2ComputingShareWaitingJobs: 0
GLUE2ComputingShareTotalJobs: 0
GLUE2ComputingShareFreeSlots: 205
GLUE2ComputingShareEstimatedAverageWaitingTime: 0
GLUE2ComputingShareEstimatedWorstWaitingTime: 0

dn: GLUE2ShareID=cert_dteam_cream-48.pd.infn.it_ComputingElement,GLUE2ServiceID=cream-48.pd.infn.it,ou=cream,dc=inf,dc=it
GLUE2ComputingShareRunningJobs: 10
GLUE2ComputingShareWaitingJobs: 0
GLUE2ComputingShareTotalJobs: 10
GLUE2ComputingShareFreeSlots: 205
GLUE2ComputingShareEstimatedAverageWaitingTime: 0
GLUE2ComputingShareEstimatedWorstWaitingTime: 0

dn: GLUE2ShareID=cert_enmr.eu_cream-48.pd.infn.it_ComputingElement,GLUE2ServiceID=cream-48.pd.infn.it,ou=cream,dc=inf,dc=it
GLUE2ComputingShareRunningJobs: 0
GLUE2ComputingShareWaitingJobs: 0
GLUE2ComputingShareTotalJobs: 0
GLUE2ComputingShareFreeSlots: 205
GLUE2ComputingShareEstimatedAverageWaitingTime: 0
GLUE2ComputingShareEstimatedWorstWaitingTime: 0

dn: GLUE2ShareID=cert_infngrid_cream-48.pd.infn.it_ComputingElement,GLUE2ServiceID=cream-48.pd.infn.it,ou=cream,dc=inf,dc=it
GLUE2ComputingShareRunningJobs: 0
GLUE2ComputingShareWaitingJobs: 0
GLUE2ComputingShareTotalJobs: 0
GLUE2ComputingShareFreeSlots: 205
GLUE2ComputingShareEstimatedAverageWaitingTime: 0
GLUE2ComputingShareEstimatedWorstWaitingTime: 0

dn: GLUE2ShareID=cert_ops_cream-48.pd.infn.it_ComputingElement,GLUE2ServiceID=cream-48.pd.infn.it,ou=cream,dc=inf,dc=it
GLUE2ComputingShareRunningJobs: 0
GLUE2ComputingShareWaitingJobs: 0
GLUE2ComputingShareTotalJobs: 0
GLUE2ComputingShareFreeSlots: 205
GLUE2ComputingShareEstimatedAverageWaitingTime: 0
GLUE2ComputingShareEstimatedWorstWaitingTime: 0

Bug #89489 - SL5 FIXED

```
# grep "config_cream_gip_scheduler_plugin_check" /opt/glite/yaim/log/yaimlog
INFO: Executing function: config_cream_gip_scheduler_plugin_check
```

Bug #83592 - SL5 FIXED

Tested using EMI2 UI. Not working using EMI1 UI.

```
$ cat rfc.jdl
[
Type="job";
JobType="normal";
VirtualOrganisation="dteam";
Executable="cream_testing-1336136997.12-ls.sh";
StdOutput="job.out";
StdError="job.err";
InputSandbox={ "/home/bertocco/italiangrid-cream_blah_testsuites-09156c3/blah_testing/cream_testi
OutputSandbox={ "job.out" , "job.err" };
OutputSandboxBaseDestURI="gsiftp://localhost";
]
```

```
$ voms-proxy-init -voms testers.eu-emi.eu -rfc
Enter GRID pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco
Creating temporary proxy ..... Done
Contacting emitestbed07.cnaf.infn.it:15002 [/C=IT/O=INFN/OU=Host/L=CNAF/CN=emitestbed07.cnaf.infn.it]
Creating proxy ..... Done
```

Your proxy is valid until Sat May 5 04:02:09 2012

```
$ glite-ce-job-submit -a -r emi-demo13.cnaf.infn.it:8443/cream-pbs-demo -a rfc.jdl
There was an error parsing the command line. Error was: multiple_occurrences
Type glite-ce-job-submit --help for the list of available options
[bertocco@emitestbed16 blah_testing]$ glite-ce-job-submit -r emi-demo13.cnaf.infn.it:8443/cream
2012-05-04 16:02:40,657 WARN - VirtualOrganisation specified in the JDL but overridden with [dteam]
https://emi-demo13.cnaf.infn.it:8443/CREAM010017064
```

```
$ glite-ce-job-status https://emi-demo13.cnaf.infn.it:8443/CREAM010017064
```

```
***** JobID=[https://emi-demo13.cnaf.infn.it:8443/CREAM010017064]
Status = [DONE-OK]
ExitCode = [0]
```

Bug #83593 - SL5 FIXED

Same test as bug #83592

Bug #69857 - SL5 FIXED

```
=====
Bug 69857 :: Regression test of bug #69857: Job submission to CreamCE is en...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
Check Executables :: Check whether the needed executables for the ... | PASS |
-----
bug_69857 | PASS |
-----
Bug 69857 :: Regression test of bug #69857: Job submission to Crea... | PASS |
3 critical tests, 3 passed, 0 failed
3 tests total, 3 passed, 0 failed
=====
```

EMI2CREAMTask21059 < IGIRelase < TWiki

Bug #83338 - SL5 FIXED

```
=====  
Bug 83338 : Regression test of bug #83338 endpointType (in GLUE2ServiceCom...  
=====  
Set Log Level :: Set the log level used for the test suite. This c... | PASS |  
-----  
Check Executables :: Check whether the needed executables for the ... | PASS |  
-----  
bug_83338 | PASS |  
-----  
Bug 83338 :: Regression test of bug #83338 endpointType (in GLUE2S... | PASS |  
3 critical tests, 3 passed, 0 failed  
3 tests total, 3 passed, 0 failed  
=====
```

Bug #59871 - SL5 FIXED

```
ldapsearch -h emi-demo08.cnaf.infn.it -x -p 2170 -b "o=grid" |grep tag  
GlueHostApplicationSoftwareRunTimeEnvironment: tag1  
GlueHostApplicationSoftwareRunTimeEnvironment: tag2  
GlueHostApplicationSoftwareRunTimeEnvironment: tag3
```

Bug #59871 - SL6 FIXED

```
ldapsearch -h emitestbed32.cnaf.infn.it -x -p 2170 -b "o=grid" | grep tag  
GlueHostApplicationSoftwareRunTimeEnvironment: tag1  
GlueHostApplicationSoftwareRunTimeEnvironment: tag2  
GlueHostApplicationSoftwareRunTimeEnvironment: tag3
```

Bug #68968 - SL5 FIXED

```
ldapsearch -h emi-demo08.cnaf.infn.it -x -p 2170 -b "o=grid" |grep -i tag  
GlueHostApplicationSoftwareRunTimeEnvironment: tag1  
GlueHostApplicationSoftwareRunTimeEnvironment: tag2
```

Bug #68968 - SL6 FIXED

```
ldapsearch -h emitestbed32.cnaf.infn.it -x -p 2170 -b "o=grid" | grep -i tag  
GlueHostApplicationSoftwareRunTimeEnvironment: tag1  
GlueHostApplicationSoftwareRunTimeEnvironment: tag2
```

Bug #69854 - SL5 FIXED

In each case:

```
ldapsearch -h emi-demo08.cnaf.infn.it -x -p 2170 -b "o=grid" |grep GlueCEStateStatus  
GlueCEStateStatus: Draining  
GlueCEStateStatus: Draining  
GlueCEStateStatus: Draining
```

Bug #69854 - SL6 FIXED

In each case:

```
ldapsearch -h emitestbed32.cnaf.infn.it -x -p 2170 -b "o=grid" |grep GlueCEStateStatus  
GlueCEStateStatus: Draining  
GlueCEStateStatus: Draining  
GlueCEStateStatus: Draining
```

EMI2CREAMTask21059 < IGIRelease < TWiki

Bug #77791 - SL5 FIXED

```
ERROR: sudo probably not installed !
ERROR: One of the functions returned with error without specifying its nature !
```

Bug #77791 - SL6 FIXED

```
ERROR: sudo probably not installed !
ERROR: One of the functions returned with error without specifying its nature !
```

Bug #78869 - SL5 FIX NOT CERTIFIED (NO PROCEDURE)

Bug #78869 - SL6 FIX NOT CERTIFIED (NO PROCEDURE)

Bug #79362 - SL5 FIXED

```
[root@emi-demo08 ~]# rpm -ql dynsched-generic
/usr/lib/python2.4/site-packages/EstTT.py
/usr/lib/python2.4/site-packages/EstTT.pyc
/usr/lib/python2.4/site-packages/EstTT.pyo
```

Bug #79362 - SL6 FIXED

```
[root@emitestbed32 ~]# rpm -ql dynsched-generic
/usr/lib/python2.6/site-packages/EstTT.py
/usr/lib/python2.6/site-packages/EstTT.pyc
/usr/lib/python2.6/site-packages/EstTT.pyo
/usr/lib/python2.6/site-packages/dynsched_generic-2.4.0-py2.6.egg-info
```

Bug #80410 - SL5 FIXED

From an EMI2 UI SL5:

```
[capannini@emitestbed16 ~]$ glite-ce-job-submit -a -r emi-demo08.cnaf.infn.it:8443/cream-lsf-test
https://emi-demo08.cnaf.infn.it:8443/CREAM963588311
https://emi-demo08.cnaf.infn.it:8443/CREAM826842041
https://emi-demo08.cnaf.infn.it:8443/CREAM048464128
```

Bug #80410 - SL6 FIXED

From an EMI2 UI SL6:

```
[capannini@emitestbed24 ~]$ glite-ce-job-submit -a -r emi-demo08.cnaf.infn.it:8443/cream-lsf-test
https://emi-demo08.cnaf.infn.it:8443/CREAM043057681
https://emi-demo08.cnaf.infn.it:8443/CREAM776269727
https://emi-demo08.cnaf.infn.it:8443/CREAM450111283
```

Bug #81734 - SL5 FIXED

The file `glite_cream.conf` must be created on an EMI2 UI SL5. For each location of the file:

```
[capannini@emitestbed16 ~]$ glite-ce-job-list --debug emi-demo08.cnaf.infn.it
2012-05-03 16:52:45,275 DEBUG - Using certificate proxy file [/tmp/x509up_u504]
2012-05-03 16:52:45,305 DEBUG - Logfile is [/tmp/glite_cream_cli_logs/glite-ce-job-list_CREAM_cap
2012-05-03 16:52:45,307 DEBUG - Service address=[abc://emi-demo08.cnaf.infn.it:8443//ce-cream/ser
```

Bug #81734 - SL6 FIXED

The file `glite_cream.conf` must be created on an EMI2 UI SL6. For each location of the file:

```
[capannini@emitestbed24 ~]$ glite-ce-job-list --debug emi-demo08.cnaf.infn.it
2012-05-04 11:58:19,453 DEBUG - Using certificate proxy file [/tmp/x509up_u504]
```

Bug #77791 - SL5 FIXED

EMI2CREAMTask21059 < IGIRelease < TWiki

2012-05-04 11:58:19,475 DEBUG - Logfile is [/tmp/glite_cream_cli_logs/glite-ce-job-list_CREAM_cap
2012-05-04 11:58:19,477 DEBUG - Service address=[abc://emi-demo08.cnaf.infn.it:8443//ce-cream/ser

Bug #82206 - SL5 FIXED

```
INFO: Executing function: config_cream_blah_check
ERROR: BATCH_LOG_DIR is not set
ERROR: Error during the execution of function: config_cream_blah_check
ERROR: Error during running check functions.
ERROR: Please define your missing variables ! Exiting.
```

Bug #82206 - SL6 FIXED

```
ERROR: BATCH_LOG_DIR is not set
ERROR: Error during the execution of function: config_cream_blah_check
ERROR: Error during running check functions.
ERROR: Please define your missing variables ! Exiting.
```

Bug #83314 - SL5 FIXED

```
# numResponses: 2
# numEntries: 1
```

Bug #83314 - SL6 FIXED

```
# numResponses: 2
# numEntries: 1
```

Bug #83474 - SL5 TODO

Bug #83474 - SL6 TODO

Bug #83600 - SL5 FIX NOT CERTIFIED (NO PROCEDURE)

Bug #83600 - SL6 FIX NOT CERTIFIED (NO PROCEDURE)

Bug #84308 - SL5 FIXED

```
[emi-demo08 siteinfo]# /usr/bin/glite_cream_load_monitor
/etc/glite-ce-cream-utils/glite_cream_load_monitor.conf --show
Threshold for Load Average(1 min): 40 => Detected value for Load Average(1
min): 0.00
Threshold for Load Average(5 min): 40 => Detected value for Load Average(5
min): 0.00
Threshold for Load Average(15 min): 20 => Detected value for Load
Average(15 min): 0.00
Threshold for Memory Usage: 1 => Detected value for Memory Usage: 51.61%
Threshold for Swap Usage: 95 => Detected value for Swap Usage: 0.00%
Threshold for Free FD: 500 => Detected value for Free FD: 198683
Threshold for tomcat FD: 800 => Detected value for Tomcat FD: 188
Threshold for FTP Connection: 30 => Detected value for FTP Connection: 1
Threshold for Number of active jobs: -1 => Detected value for Number of
active jobs: 0
Threshold for Number of pending commands: -1 => Detected value for Number
of pending commands: 0
Threshold for Disk Usage: 95% => Detected value for Partition / : 13%
```

Bug #84308 - SL6

Bug #86609 - SL5 FIXED

```
ldapsearch -h emi-demo08.cnaf.infn.it -x -p 2170 -b "o=glue" objectclass=GLUE2ExecutionEnvironmen
# emi-demo08.cnaf.infn.it, emi-demo08.cnaf.infn.it_ComputingElement, resource
```

Bug #81734 - SL6 FIXED

EMI2CREAMTask21059 < IGIRelease < TWiki

```
, glue
dn: GLUE2ResourceID=emi-demo08.cnaf.infn.it, GLUE2ServiceID=emi-demo08.cnaf.infn.it_ComputingElement, GLUE2GroupID=resource, o=glue
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-executionenvironment-static
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo08.cnaf.infn.it
GLUE2EntityOtherInfo: SmpSize=2
GLUE2EntityOtherInfo: Cores=1

ldapsearch -h emi-demo08.cnaf.infn.it -x -p 2170 -b "o=glue" objectclass=Glue2Benchmark

# emi-demo08.cnaf.infn.it_hep-spec06, emi-demo08.cnaf.infn.it, emi-demo08.cnaf.infn.it_ComputingElement, resource, glue
dn: GLUE2BenchmarkID=emi-demo08.cnaf.infn.it_hep-spec06, GLUE2ResourceID=emi-demo08.cnaf.infn.it, GLUE2ServiceID=emi-demo08.cnaf.infn.it_ComputingElement, GLUE2GroupID=resource, o=glue
GLUE2BenchmarkExecutionEnvironmentForeignKey: emi-demo08.cnaf.infn.it
GLUE2BenchmarkID: emi-demo08.cnaf.infn.it_hep-spec06
GLUE2BenchmarkType: hep-spec06
objectClass: GLUE2Entity
objectClass: GLUE2Benchmark
GLUE2EntityCreationTime: 2012-05-17T09:31:10Z
GLUE2BenchmarkValue: 150
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-benchmark-static
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo08.cnaf.infn.it
GLUE2BenchmarkComputingManagerForeignKey: emi-demo08.cnaf.infn.it_ComputingElement_Manager
GLUE2EntityName: Benchmark hep-spec06
```

Bug #86609 - SL6 FIXED

```
ldapsearch -h emitestbed32.cnaf.infn.it -x -p 2170 -b "o=glue" objectclass=GLUE2ExecutionEnvironment
# extended LDIF
#
# LDAPv3
# base <o=glue> with scope subtree
# filter: objectclass=GLUE2ExecutionEnvironment
# requesting: GLUE2EntityOtherInfo
#
# emitestbed32.cnaf.infn.it, emitestbed32.cnaf.infn.it_ComputingElement, resource, glue
dn: GLUE2ResourceID=emitestbed32.cnaf.infn.it, GLUE2ServiceID=emitestbed32.cnaf.infn.it_ComputingElement, GLUE2GroupID=resource, o=glue
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-executionenvironment-static
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emitestbed32.cnaf.infn.it
GLUE2EntityOtherInfo: SmpSize=2
GLUE2EntityOtherInfo: Cores=1

ldapsearch -h emitestbed32.cnaf.infn.it -x -p 2170 -b "o=glue" objectclass=Glue2Benchmark

# emitestbed32.cnaf.infn.it_hep-spec06, emitestbed32.cnaf.infn.it, emitestbed32.cnaf.infn.it_ComputingElement, resource, glue
dn: GLUE2BenchmarkID=emitestbed32.cnaf.infn.it_hep-spec06, GLUE2ResourceID=emitestbed32.cnaf.infn.it, GLUE2ServiceID=emitestbed32.cnaf.infn.it_ComputingElement, GLUE2GroupID=resource, o=glue
GLUE2BenchmarkExecutionEnvironmentForeignKey: emitestbed32.cnaf.infn.it
GLUE2BenchmarkID: emitestbed32.cnaf.infn.it_hep-spec06
GLUE2BenchmarkType: hep-spec06
objectClass: GLUE2Entity
objectClass: GLUE2Benchmark
GLUE2EntityCreationTime: 2012-05-17T13:59:59Z
GLUE2BenchmarkValue: 150
```

Bug #86609 - SL5 FIXED

EMI2CREAMTask21059 < IGIRelease < TWiki

```
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-benchmark-static
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emitestbed32.cnaf.infn.it
GLUE2BenchmarkComputingManagerForeignKey: emitestbed32.cnaf.infn.it_ComputingE
lement_Manager
GLUE2EntityName: Benchmark hep-spec06
```

Bug #86694 - SL5 FIXED

```
[root@emi-demo08 ~]# netstat -an | grep -i 9091
[root@emi-demo08 ~]#
[root@emi-demo08 ~]# netstat -an | grep -i 49152
tcp        0      0 :::49152          :::*              LISTEN
```

Bug #86694 - SL6 FIXED

```
[root@emitestbed32 ~]# netstat -an | grep -i 9091
[root@emitestbed32 ~]# netstat -an | grep -i 49152
tcp        0      0 :::49152          :::*              LISTEN
```

Bug #86697 - SL5 FIXED

```
17 May 2012 16:10:35,812 org.glite.ce.creamapi.jobmanagement.cmdexecutor.AbstractJobExecutor - JO
```

Bug #86697 - SL6 FIXED

```
17 May 2012 16:20:41,683 org.glite.ce.creamapi.jobmanagement.cmdexecutor.AbstractJobExecutor - JO
```

Bug #86737 - SL5 FIXED

```
[root@emi-demo08 ~]# netstat -an | grep -i 9909
[root@emi-demo08 ~]#
```

Bug #86737 - SL6 FIXED

```
[root@emitestbed32 ~]# netstat -an | grep -i 9909
[root@emitestbed32 ~]#
```

Bug #86773 - SL5 FIXED

```
<argus-pep name="pep-client1"
  resource_id="http://pd.infn.it/cream-47"
  cert="/etc/grid-security/tomcat-cert.pem"
  key="/etc/grid-security/tomcat-key.pem"
  passwd=""
  mapping_class="org.glite.ce.cream.authz.argus.ActionMapping">
  <endpoint url="https://cream-46.pd.infn.it:8154/authz" />
  <endpoint url="https://cream-46-1.pd.infn.it:8154/authz" />
</argus-pep>
```

Bug #86773 - SL6 FIXED

```
<argus-pep name="pep-client1"
  resource_id="http://pd.infn.it/cream-47"
  cert="/etc/grid-security/tomcat-cert.pem"
  key="/etc/grid-security/tomcat-key.pem"
  passwd=""
  mapping_class="org.glite.ce.cream.authz.argus.ActionMapping">
  <endpoint url="https://cream-46.pd.infn.it:8154/authz" />
  <endpoint url="https://cream-46-1.pd.infn.it:8154/authz" />
</argus-pep>
```

Bug #86609 - SL6 FIXED

Bug #87690 - SL5 TODO (CLUSTER MODE)

Bug #87690 - SL6 TODO (CLUSTER MODE)

Bug #87712 - SL5 FIX NOT CERTIFIED (NO PROCEDURE)

Bug #87712 - SL6 FIX NOT CERTIFIED (NO PROCEDURE)

Bug #87799 - SL5 FIXED

Set:

WORKING_AREA_SHARED=true
WORKING_AREA_TOTAL=200
WORKING_AREA_LIFETIME=22
in site-info.def and reconfigured.

```
ldapsearch -h emi-demo08.cnaf.infn.it -x -p 2170 -b "o=glue" objectClass=GLUE2ComputingManager
```

```
# emi-demo08.cnaf.infn.it_ComputingElement_Manager, emi-demo08.cnaf.infn.it_C
omputingElement, resource, glue
dn: GLUE2ManagerID=emi-demo08.cnaf.infn.it_ComputingElement_Manager, GLUE2Servi
ceID=emi-demo08.cnaf.infn.it_ComputingElement, GLUE2GroupID=resource, o=glue
GLUE2ComputingManagerComputingServiceForeignKey: emi-demo08.cnaf.infn.it_Comp
utingElement
GLUE2ManagerProductName: lsf
objectClass: GLUE2Entity
objectClass: GLUE2Manager
objectClass: GLUE2ComputingManager
GLUE2ManagerProductVersion: 7 Update 5
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-manager-static
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo08.cnaf.infn.it
GLUE2ManagerServiceForeignKey: emi-demo08.cnaf.infn.it_ComputingElement
GLUE2EntityName: Computing Manager on emi-demo08.cnaf.infn.it
GLUE2ManagerID: emi-demo08.cnaf.infn.it_ComputingElement_Manager
GLUE2ComputingManagerWorkingAreaTotal: 200
GLUE2ComputingManagerWorkingAreaLifeTime: 22
GLUE2ComputingManagerWorkingAreaShared: TRUE
GLUE2EntityCreationTime: 2012-05-18T09:06:25Z
```

Bug #87799 - SL6 FIXED

Set:

WORKING_AREA_SHARED=true
WORKING_AREA_TOTAL=200
WORKING_AREA_LIFETIME=22
in site-info.def and reconfigured.

```
ldapsearch -h emitestbed32.cnaf.infn.it -x -p 2170 -b "o=glue" objectClass=GLUE2ComputingManager
```

```
# emitestbed32.cnaf.infn.it_ComputingElement_Manager, emitestbed32.cnaf.infn.
it_ComputingElement, resource, glue
dn: GLUE2ManagerID=emitestbed32.cnaf.infn.it_ComputingElement_Manager, GLUE2Ser
viceID=emitestbed32.cnaf.infn.it_ComputingElement, GLUE2GroupID=resource, o=glu
e
GLUE2ComputingManagerComputingServiceForeignKey: emitestbed32.cnaf.infn.it_Com
putingElement
GLUE2ManagerProductName: lsf
objectClass: GLUE2Entity
objectClass: GLUE2Manager
objectClass: GLUE2ComputingManager
GLUE2ManagerProductVersion: 7 Update 5
GLUE2EntityOtherInfo: InfoProviderName=glite-ce-glue2-manager-static
GLUE2EntityOtherInfo: InfoProviderVersion=1.0
GLUE2EntityOtherInfo: InfoProviderHost=emitestbed32.cnaf.infn.it
GLUE2ManagerServiceForeignKey: emitestbed32.cnaf.infn.it_ComputingElement
```

EMI2CREAMTask21059 < IGIRelease < TWiki

```
GLUE2EntityName: Computing Manager on emitestbed32.cnaf.infn.it
GLUE2ManagerID: emitestbed32.cnaf.infn.it_ComputingElement_Manager
GLUE2ComputingManagerWorkingAreaTotal: 200
GLUE2ComputingManagerWorkingAreaLifeTime: 22
GLUE2ComputingManagerWorkingAreaShared: TRUE
GLUE2EntityCreationTime: 2012-05-18T09:16:48Z
```

Bug #88078 - SL5 FIXED

```
[root@emi-demo08 ~]# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 66970
Server version: 5.0.95 Source distribution
```

Copyright (c) 2000, 2011, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> show databases;
+-----+
| Database          |
+-----+
| information_schema|
| abc               |
| creamdb          |
| delegationcreamdb|
| delegationdb     |
| mysql            |
| test             |
| xyz              |
+-----+
8 rows in set (0.00 sec)
```

```
[capannini@emitestbed16 ~]$ glite-ce-job-submit -a -r emi-demo08.cnaf.infn.it:8443/cream-lsf-test
https://emi-demo08.cnaf.infn.it:8443/CREAM421199660
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$ glite-ce-job-status https://emi-demo08.cnaf.infn.it:8443/CREAM421199660
```

```
***** JobID=[https://emi-demo08.cnaf.infn.it:8443/CREAM421199660]
      Status      = [DONE-OK]
      ExitCode    = [0]
```

Bug #88078 - SL6 FIXED

```
+-----+
| Database          |
+-----+
| information_schema|
| abc               |
| creamdb          |
| delegationcreamdb|
| mysql            |
| test             |
| xyz              |
+-----+
```

```
[capannini@emitestbed16 ~]$ glite-ce-job-submit -a -r emitestbed32.cnaf.infn.it:8443/cream-lsf-te
https://emitestbed32.cnaf.infn.it:8443/CREAM814247086
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$ glite-ce-job-status https://emitestbed32.cnaf.infn.it:8443/CREAM81424
```

Bug #87799 - SL6 FIXED

EMI2CREAMTask21059 < IGIRelease < TWiki

```
***** JobID=[https://emitestbed32.cnaf.infn.it:8443/CREAM814247086]
      Status      = [DONE-OK]
      ExitCode    = [0]
```

Regression tests of bugs fixed in CREAM 1.13.3

Bug #81561 FIXED

```
$ JobDBAdminPurger.sh -c /etc/glite-ce-cream/cream-config.xml -s DONE-FAILED,0
log4j:WARN No appenders could be found for logger (org.glite.ce.commonj.configuration.xppm.Configuration).
log4j:WARN Please initialize the log4j system properly.
AbandonedObjectPool is used (org.apache.commons.dbcp.AbandonedObjectPool@5c73a7ab)
  LogAbandoned: false
  RemoveAbandoned: true
  RemoveAbandonedTimeout: 30
START jobAdminPurger
```

```
-----
Job CREAM615605246 is going to be purged ...
CREAM615605246 has been purged!
-----
```

```
-----
Job CREAM208116849 is going to be purged ...
CREAM208116849 has been purged!
-----
```

```
-----
Job CREAM415420889 is going to be purged ...
CREAM415420889 has been purged!
-----
```

```
-----
Job CREAM244215198 is going to be purged ...
CREAM244215198 has been purged!
-----
```

```
-----
Job CREAM677106743 is going to be purged ...
CREAM677106743 has been purged!
-----
```

```
-----
Job CREAM999977070 is going to be purged ...
CREAM999977070 has been purged!
-----
```

```
-----
Job CREAM029821674 is going to be purged ...
CREAM029821674 has been purged!
-----
```

```
-----
Job CREAM209002030 is going to be purged ...
CREAM209002030 has been purged!
-----
```

```
-----
Job CREAM301874724 is going to be purged ...
CREAM301874724 has been purged!
-----
```

```
STOP jobAdminPurger
```

Bug #83238 FIXED

```

=====
Bug 83238 :: Regression test of bug #83238 Sometimes CREAM does not update ...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
Check Executables :: Check whether the needed executables for the ... | PASS |
-----
bug_83238 | PASS |
-----
Bug 83238 :: Regression test of bug #83238 Sometimes CREAM does no... | PASS |
3 critical tests, 3 passed, 0 failed
3 tests total, 3 passed, 0 failed
=====

```

Bug #83749 FIXED

```

[bertocco@cream-12 tests]$ glite-ce-job-submit -r cream-48.pd.infn.it:8443/cream-lsf-cert -a /h
https://cream-48.pd.infn.it:8443/CREAM403470689
[bertocco@cream-12 tests]$ glite-ce-job-submit -r cream-48.pd.infn.it:8443/cream-lsf-cert -a /h
https://cream-48.pd.infn.it:8443/CREAM069317193
[bertocco@cream-12 tests]$ glite-ce-job-submit -r cream-48.pd.infn.it:8443/cream-lsf-cert -a /h
2012-04-30 19:56:56,352 WARN - VirtualOrganisation specified in the JDL but overridden with [dteam
https://cream-48.pd.infn.it:8443/CREAM564301640

[bertocco@cream-12 tests]$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM403470689 ht

***** JobID=[https://cream-48.pd.infn.it:8443/CREAM069317193]
      Status      = [DONE-OK]
      ExitCode     = [0]

***** JobID=[https://cream-48.pd.infn.it:8443/CREAM403470689]
      Status      = [DONE-OK]
      ExitCode     = [0]

***** JobID=[https://cream-48.pd.infn.it:8443/CREAM564301640]
      Status      = [DONE-OK]
      ExitCode     = [0]

Changed CREAM_SANDBOX_PATH and re-configured the cream ce, launched:

Job correctly purged:

[root@cream-48 ~]# JobDBAdminPurger.sh -c /etc/glite-ce-cream/cream-config.xml -j CREAM069317193
log4j:WARN Please initialize the log4j system properly.
AbandonedObjectPool is used (org.apache.commons.dbcp.AbandonedObjectPool@2d04faf8)
  LogAbandoned: false
  RemoveAbandoned: true
  RemoveAbandonedTimeout: 30
START jobAdminPurger

-----
Job CREAM069317193 is going to be purged ...
CREAM069317193 has been purged!
-----

-----
Job CREAM403470689 is going to be purged ...
CREAM403470689 has been purged!
-----

-----

```

EMI2CREAMTask21059 < IGIRelease < TWiki

Job CREAM564301640 is going to be purged ...
CREAM564301640 has been purged!

STOP jobAdminPurger

```
[bertocco@cream-12 tests]$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM403470689 ht
```

```
***** JobID=[https://cream-48.pd.infn.it:8443/CREAM069317193]
For this job CREAM has returned a fault: MethodName=[jobStatus] Timestamp=[Mon 30 Apr 2012 20:
```

```
***** JobID=[https://cream-48.pd.infn.it:8443/CREAM403470689]
For this job CREAM has returned a fault: MethodName=[jobStatus] Timestamp=[Mon 30 Apr 2012 20:
```

```
***** JobID=[https://cream-48.pd.infn.it:8443/CREAM564301640]
For this job CREAM has returned a fault: MethodName=[jobStatus] Timestamp=[Mon 30 Apr 2012 20:
```

Cleaned correctly also sandbox:

```
[root@cream-48 ~]# grep -r CREAM564301640 /var/cream_sandbox/dteam/
[root@cream-48 ~]# grep -r CREAM403470689 /var/cream_sandbox/dteam/
[root@cream-48 ~]# grep -r CREAM564301640 /var/cream_sandbox/dteam/
```

Bug #84374 FIXED

```
=====
Bug 84374 :: Regression test of Bug #84374 yaim-cream-ce: GlueForeignKey: G...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_84374 | PASS |
-----
Bug 84374 :: Regression test of Bug #84374 yaim-cream-ce: GlueFore... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

Bug #86191 FIXED

```
=====
Bug 86191 :: Regression test of Bug #86191 No info published by the lcg-inf...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_86191 | PASS |
-----
Bug 86191 :: Regression test of Bug #86191 No info published by th... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

Bug #87492 FIXED

```
=====
Bug 87492 :: Regression test of bug #87492 CREAM doesn't handle correctly t...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_87492 | PASS |
-----
Bug 87492 :: Regression test of bug #87492 CREAM doesn't handle co... | PASS |
```

Bug #83749 FIXED


```
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
```

Ran 80 tests in 0.033s

OK

for sl6: - to add

Glue 2 compliance

Result: PASSED The reported problem is an issue of glue-validator (already reported to the developer)

for SL5:

```
[root@cream-48 ~]# glue-validator -t glue2 -h cream-48.pd.infn.it -p 2170 -b o=glueValidating dat
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
```

Glue 1 Compliance


```
self.assertTrue(check(value), message)
AssertionError: The field GLUE2EndpointCapability with value 'information.publication' does not f
-----
Ran 84 tests in 0.040s
FAILED (failures=1)
```

For SL6:

- standard_conformance_tests_cream_lsf.txt: standard conformance tests results

Integration testing

Tests described:

- <https://twiki.cern.ch/twiki/bin/view/EMI/EmiJra1TaskForceIntegrationTesting>
 - ◆ test 2: "CEMon to use Argus for authorization "
 - ◇ NA
 - ◆ test 3: "CREAM jobs executed under different backends is properly treated by APEL client "
 - ◇ PASSED - proven by functionality tests of different CREAM + LSF, TORQUE, SGE modules
 - ◆ test 16: "Do authorization filtering based on VOMS attributes and ARGUS authorization" *
 - NA

This topic: IGIRelease > EMI2CREAMTask21059

Topic revision: r29 - 2012-07-29 - CristinaAiftimiei



Copyright © 2008-2020 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback