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# Testing report (SL6): IGIRTC-120

## Summary

- Product: **CREAM v. 1.14.2**
- Release Task: Task #34089
- ETICS Subsystem Configuration Name: emi-cream-ce\_R\_1\_14\_3\_8, emi-lrms-utils\_R\_2\_0\_2\_3
- VCS Tag: emi-yaim-cream\_R\_4\_3\_1\_4, emi-cream-common\_R\_1\_14\_1\_1, emi-cream\_R\_1\_14\_2\_1, emi-cemonitor-api-java\_R\_1\_14\_0\_4, emi-cemonitor\_R\_1\_14\_0\_4, emi-cream-interface\_R\_1\_14\_1\_1, emi-cream-es\_R\_1\_14\_2\_1, emi-cream-utils\_R\_1\_2\_2\_1, emi-cream-api-java\_R\_1\_14\_2\_1
- EMI Major Release: **EMI 2 (Matterhorn)**
- Platform: **SL6**
- Author: Sara Bertocco
- Outcome: "In Certification"

## Deployment tests

### Clean Installation

#### CREAM PBS

- ♦ Installation log file
- ♦ Configuration log file

### Upgrade Installation

#### CREAM LSF

- ♦ Update log file
- ♦ Configuration log file

## Unit Tests

Available here

## System tests

### Functionality tests

#### CREAM PBS

```
$ pybot -e job_man -e cpu_alloc -e glue -e ban -e bdii -e lb -e old_blah -e status /opt/cream_test
INFO: The files of this testsuite will be stored under: /tmp/tmpZ0hzDT.cream_testing/
INFO: Non-mandatory variable "sec_cert" has not been set.
INFO: Non-mandatory variable "sec_key" has not been set.
INFO: Non-mandatory variable "argus_host" has not been set.
INFO: Non-mandatory variable "sec_proxy_pass" has not been set.
INFO: Non-mandatory variable "argus_root_pass" has not been set.
=====
Cream Test Suite :: This is the main testing module,needed for testing the ...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
```

## EMI2CREAMTask34089SL6 < IGIRRelease < TWiki

```
-----
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 |
-----
Limiter :: NOTE: This test case is about 25 minutes long!           | PASS |
-----
Sandbox Staging :: This test case tests the two different Sandbox ... | PASS |
-----
Automatic Proxy Purging :: This test case checks the automatic pro... | PASS |
-----
OutputData :: This test case tests the OutputData jdl attribute. T... | FAIL |
'[]' should not be empty
-----
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... | FAIL |
26 critical tests, 25 passed, 1 failed
26 tests total, 25 passed, 1 failed
=====
Output:  /home/bertocco/output.xml
Log:     /home/bertocco/log.html
Report:  /home/bertocco/report.html
```

- log.html

Output data test fails because an error in testsuite configuration (lcg\_gfal\_infosys="" in vars.py)

**CREAM LSF**

```

pybot -e job_man -e cpu_alloc -e glue -e ban -e bdii -e lb -e old_blah -e status /opt/cream_test
INFO: The files of this testsuite will be stored under: /tmp/tmptryBt_X.cream_testing/
INFO: Non-mandatory variable "sec_cert" has not been set.
INFO: Non-mandatory variable "sec_key" has not been set.
INFO: Non-mandatory variable "argus_host" has not been set.
INFO: Non-mandatory variable "sec_proxy_pass" has not been set.
=====
Cream Test Suite :: This is the main testing module,needed for testing the ...
=====
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 |
-----
Limiter :: NOTE: This test case is about 25 minutes long!           | PASS |
-----
Sandbox Staging :: This test case tests the two different Sandbox ... | PASS |
-----
Automatic Proxy Purging :: This test case checks the automatic pro... | 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 |
26 critical tests, 26 passed, 0 failed
26 tests total, 26 passed, 0 failed

```

```

=====
Output: /home/bertocco/.ssh/output.xml
Log:    /home/bertocco/.ssh/log.html
Report: /home/bertocco/.ssh/report.html

```

- log.html

```

$ pybot -i ban /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmpwdRNS1.cream_testing/
INFO: Non-mandatory variable "sec_cert" has not been set.
INFO: Non-mandatory variable "sec_key" has not been set.
INFO: Non-mandatory variable "argus_host" has not been set.
INFO: Non-mandatory variable "sec_proxy_pass" has not been set.

```

```

=====
Cream Test Suite :: This is the main testing module,needed for testing the ...
=====

```

```

Ban User :: This test case tests if the banning of user works. The... | PASS |
-----

```

```

Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed

```

```

=====
Output: /home/bertocco/.ssh/output.xml
Log:    /home/bertocco/.ssh/log.html
Report: /home/bertocco/.ssh/report.html

```

- log.html

```

$ pybot -i cpu_alloc /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmpAMdB10.cream_testing/
INFO: Non-mandatory variable "sec_cert" has not been set.
INFO: Non-mandatory variable "sec_key" has not been set.
INFO: Non-mandatory variable "argus_host" has not been set.
INFO: Non-mandatory variable "sec_proxy_pass" has not been set.

```

```

=====
Cream Test Suite :: This is the main testing module,needed for testing the ...
=====

```

```

CPU Allocation 1 :: Validate the contents of the batch job submiss... | PASS |
-----

```

```

CPU Allocation 2 :: Validate the contents of the batch job submiss... | PASS |
-----

```

```

CPU Allocation 3 :: Validate the contents of the batch job submiss... | PASS |
-----

```

```

CPU Allocation 4 :: Validate the contents of the batch job submiss... | PASS |
-----

```

```

CPU Allocation 5 :: Validate the contents of the batch job submiss... | PASS |
-----

```

```

CPU Allocation 6 :: Validate the contents of the batch job submiss... | PASS |
-----

```

```

Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
6 critical tests, 6 passed, 0 failed
6 tests total, 6 passed, 0 failed

```

```

=====
Output: /home/bertocco/.ssh/output.xml
Log:    /home/bertocco/.ssh/log.html
Report: /home/bertocco/.ssh/report.html

```

- log.html

```

$ pybot -i lb /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmpBFbw5R.cream_testing/
INFO: Non-mandatory variable "sec_cert" has not been set.
INFO: Non-mandatory variable "sec_key" has not been set.
INFO: Non-mandatory variable "argus_host" has not been set.
INFO: Non-mandatory variable "sec_proxy_pass" has not been set.

```

```
=====  
Cream Test Suite :: This is the main testing module,needed for testing the ...  
=====  
Logging and Bookkeeping :: Check if the logging and bookkeeping se... | PASS |  
-----  
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |  
1 critical test, 1 passed, 0 failed  
1 test total, 1 passed, 0 failed  
=====  
Output: /home/bertocco/output.xml  
Log: /home/bertocco/log.html  
Report: /home/bertocco/report.html
```

- log.html

```
$ pybot -i old_blah /opt/cream_test/testsuite/cream_test_suite.html  
INFO: The files of this testsuite will be stored under: /tmp/tmpoyqIJS.cream_testing/  
INFO: Non-mandatory variable "sec_cert" has not been set.  
INFO: Non-mandatory variable "sec_key" has not been set.  
INFO: Non-mandatory variable "argus_host" has not been set.  
INFO: Non-mandatory variable "sec_proxy_pass" has not been set.  
=====  
Cream Test Suite :: This is the main testing module,needed for testing the ...  
=====  
Old BLParse Restart :: Configure a CREAM CE using the old blah bl... | PASS |  
-----  
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |  
1 critical test, 1 passed, 0 failed  
1 test total, 1 passed, 0 failed  
=====  
Output: /home/bertocco/output.xml  
Log: /home/bertocco/log.html  
Report: /home/bertocco/report.html
```

- log.html

Excluded tests:

- job\_man (Admin Manage Job) is excluded because it requires 2 user proxies and the certifier has one only.
- bdii is excluded because some problem in the testsuite
- glue is excluded because some not relevant error

## Regression tests

### Verification attached bugs for CREAM Torque

**Bug #97441: CREAM: Unwanted auto-updating of the field "creationTime" on the creamdb database** FIXED

### Verification attached bugs for CREAM LSF

**Bug #97441: CREAM: Unwanted auto-updating of the field "creationTime" on the creamdb database** FIXED

```
# mysql -u creminio -p creamdb  
Enter password:  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Welcome to the MySQL monitor. Commands end with ; or \g.  
Your MySQL connection id is 19058  
Server version: 5.1.66 Source distribution
```

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

```
mysql> select startUpTime, creationTime from db_info;
+-----+-----+
| startUpTime      | creationTime      |
+-----+-----+
| 2012-12-05 12:18:42 | 2012-11-30 16:40:35 |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> exit
```

```
# /opt/glite/yaim/bin/yaim -c -s /root/siteinfo/site-info.def -n creamCE -n LSF_utils
```

```
...
```

```
# mysql -u creminio -p creamdb
```

```
....
```

```
mysql> select startUpTime, creationTime from db_info;
+-----+-----+
| startUpTime      | creationTime      |
+-----+-----+
| 2012-12-05 13:54:15 | 2012-11-30 16:40:35 |
+-----+-----+
1 row in set (0.00 sec)
```

### Bug #96310 Wrong lowercase conversion for Glue-1 VO Tags **FIXED**

```
# cat /opt/glite/var/info/cert-41.pd.infn.it/dteam/dteam.list
```

```
RMON3.1
```

```
RMon3.1
```

```
[root@cert-41 ~]# cat /opt/edg/var/info/dteam/dteam.list
```

```
RMON3.1
```

```
RMon3.1
```

```
[root@cert-41 ~]# grep GlueHostApplicationSoftwareRunTimeEnvironment: /var/lib/bdii/gip/ldif/stat
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2_1_0
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2_1_1
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2_2_0
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2_3_0
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2_3_1
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2_4_0
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2_5_0
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2_6_0
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: LCG-2_7_0
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: GLITE-3_0_0
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: GLITE-3_1_0
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: R-GMA
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: PADOVA
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: SI00MeanPerCPU_870
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: SF00MeanPerCPU_790
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: MPICH
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: MPI_HOME_NOTSHARED
```

```
GlueHostApplicationSoftwareRunTimeEnvironment: MPIch
```

### Bug #95973 Missing Glue capability in GLUE2EntityOtherInfo **FIXED**

```
# grep CE_CAPABILITY /opt/nfs_install/jral_test/cert-41/services/glite-creamce
```

```
#CE_CAPABILITY="CPUScalingReferenceSI00=10"
```

```
CE_CAPABILITY="CPUScalingReferenceSI00=10 SNMPsupport=yes"
```

### Bug #97441: CREAM: Unwanted auto-updating of the field "creationTime" on the creamdb database **FIXED**

## EMI2CREAMTask34089SL6 < IGIRelease < TWiki

```
# ldapsearch -h cream-48.pd.infn.it -x -p 2170 -b "o=glue" | grep GLUE2EntityOtherInfo |grep CPUS
GLUE2EntityOtherInfo: CPUScalingReferenceSI00=10
# ldapsearch -h cream-48.pd.infn.it -x -p 2170 -b "o=glue" | grep GLUE2EntityOtherInfo |grep SNMP
GLUE2EntityOtherInfo: SNMPSupport=yes
```

### Bug #97106 CREAM JW - fatal\_error: command not found. FIXED

#### In all cluster WNs

```
mv /usr/bin/glite-lb-logevent /usr/bin/glite-lb-logevent.save
```

```
UI:
for ((i=0;i<20;i++)); do
glite-ce-job-submit -d -r cert-41.pd.infn.it:8443/cream-lsf-cert -a /home/bertocco/jdl/env.jdl;
done
...
https://cert-41.pd.infn.it:8443/CREAM620962289
...
WN:
# cat /home/dteam043/err_crt41_620962289_StandardError
Cannot find lb_logevent command
```

### Bug #94418The SIGTERM signal should be issued to all the processes belonging to the job. FIXED

```
### On CE:
# ls -l /tmp/test_bug94418.sh
-rw-r--r-- 1 dteam043 dteam 378 Dec  5 16:14 /tmp/test_bug94418.sh

# cat /tmp/test_bug94418.sh
#!/bin/bash

OUTF="/tmp/sdpgu.out"

MYPID=$$

sleep 3600 & PID1=$!

sleep 3600 & PID2=$!
echo "MYPID=${MYPID}, PID1=${PID1}, PID2=${PID2}" > $OUTF
echo "MYPID=${MYPID}, PID1=${PID1}, PID2=${PID2}"
# supposedly this should kill the child processes on SIGTERM.
trap "kill $PID1 $PID2" SIGTERM

wait

### On UI:
$ cat test_bug94418.jdl
[
  Type = "job";
  JobType = "normal";
  VirtualOrganisation = "dteam";
  executable="test_bug94418.sh";
  InputSandbox = {"test_bug94418.sh"};
  InputSandboxBaseURI = "gsiftp://cert-41.pd.infn.it/tmp"
]

$ glite-ce-job-submit -d -r cert-41.pd.infn.it:8443/cream-lsf-cert -a test_bug94418.jdl
2012-12-05 16:14:42,031 DEBUG - Using certificate proxy file [/tmp/x509up_u33337]
2012-12-05 16:14:42,053 DEBUG - VO from certificate=[dteam]
2012-12-05 16:14:42,053 WARN - No configuration file suitable for loading. Using built-in configu
2012-12-05 16:14:42,053 DEBUG - Logfile is [/tmp/glite_cream_cli_logs/glite-ce-job-submit_CREAM_b
2012-12-05 16:14:42,054 WARN - VirtualOrganisation specified in the JDL but overridden with [dteam
2012-12-05 16:14:42,054 DEBUG - Processing file [test_bug94418.sh]...
2012-12-05 16:14:42,054 DEBUG - Inserting mangled InputSandbox in JDL: [{"test_bug94418.sh"}]...
```

### Bug #95973 Missing Glue capability in GLUE2EntityOtherInfo FIXED



## EMI2CREAMTask34089SL6 < IGIRelease < TWiki

```
2012-12-05 16:14:42,058 INFO - certUtil::generateUniqueID() - Generated DelegationID: [d9f07700a2
2012-12-05 16:14:44,243 DEBUG - Registering to [https://cert-41.pd.infn.it:8443/ce-cream/services
2012-12-05 16:14:45,050 DEBUG - Will invoke JobStart for JobID [CREAM398838952]
https://cert-41.pd.infn.it:8443/CREAM398838952
```

```
$ glite-ce-job-status https://cert-41.pd.infn.it:8443/CREAM398838952
```

```
***** JobID=[https://cert-41.pd.infn.it:8443/CREAM398838952]
Status      = [REALLY-RUNNING]
```

```
### On WN:
```

```
$ cat /tmp/sdpgu.out
MYPID=25552, PID1=25554, PID2=25555
```

```
$ ps -ef |grep 25552
dteam043 25552 25549 0 16:14 ?          00:00:00 /bin/bash ./test_bug94418.sh
dteam043 25554 25552 0 16:14 ?          00:00:00 sleep 3600
dteam043 25555 25552 0 16:14 ?          00:00:00 sleep 3600
dteam043 25560 24967 0 16:16 pts/0      00:00:00 grep 25552
```

```
$ ps -ef |grep 25554
dteam043 25554 25552 0 16:14 ?          00:00:00 sleep 3600
dteam043 25562 24967 0 16:16 pts/0      00:00:00 grep 25554
```

```
$ ps -ef|grep 25555
dteam043 25555 25552 0 16:14 ?          00:00:00 sleep 3600
dteam043 25564 24967 0 16:16 pts/0      00:00:00 grep 25555
```

```
### On UI:
```

```
$ glite-ce-job-cancel https://cert-41.pd.infn.it:8443/CREAM398838952
```

```
Are you sure you want to cancel specified job(s) [y/n]: y
```

```
$ glite-ce-job-status https://cert-41.pd.infn.it:8443/CREAM398838952
```

```
***** JobID=[https://cert-41.pd.infn.it:8443/CREAM398838952]
Status      = [CANCELLED]
ExitCode     = []
Description  = [Cancelled by user]
```

```
### On WN:
```

```
$ ps -ef |grep 25552
dteam043 25578 24967 0 16:17 pts/0      00:00:00 grep 25552
$ ps -ef |grep 25554
dteam043 25580 24967 0 16:17 pts/0      00:00:00 grep 25554
$ ps -ef|grep 25555
dteam043 25582 24967 0 16:17 pts/0      00:00:00 grep 25555
```

**Bug #98707 Wrong warning message form ArgusPEPClient configuration NOT TESTED**

**Bug #95328 In cluster mode, YAİM does not set GlueCEInfoHostName for CREAMs FIXED**

```
$ ldapsearch -h cert-41.pd.infn.it -x -p 2170 -b "o=grid" objectclass=GlueCE | grep InfoHostName
GlueCEInfoHostName: cert-41.pd.infn.it
GlueCEInfoHostName: cert-41.pd.infn.it
GlueCEInfoHostName: cert-41.pd.infn.it
```

**Bug #94418The SIGTERM signal should be issued to all the processes belonging to the job. FIXED**

**Verification old bugs for CREAM LSF and bugs 96306 and 96512 attached to the patch**

```

$ pwd
/home/bertocco/cream_blah_testsuites-master/cream_regression_testsuite/tests
$ pybot bug_*.html
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
batch_system = lsf
ce_admin_user = root
ce_admin_pass = cmsgrid
ce_host = cert-41.pd.infn.it
ce_endpoint = cert-41.pd.infn.it:8443
cream_queue = cream-lsf-cert
vo = dteam
proxy_pass = sarabINFN
log_level = TRACE
tmp_dir = /tmp
delete_files = False
tomcat_service = tomcat6
catalina_home = /usr/share/tomcat6
middleware_version = emi2
ce_cream_xml = /etc/glite-ce-cream/cream-config.xml
cream_config_xml = /etc/glite-ce-cream/cream-config.xml
blah_config = /etc/blah.config
site_info = /root/siteinfo/site-info.def
services_glite_creamce = /root/siteinfo/services/glite-creamce
blah_bupdater_loop_interval = bupdater_loop_interval
blah_check_children_interval = blah_check_children_interval
blah_bupdater_use_bhist_for_killed = bupdater_use_bhist_for_killed
cream_sandbox_path = CREAM_SANDBOX_PATH
cream_concurrency_level_yaim_name = CREAM_CONCURRENCY_LEVEL
middleware_version = emi2
cream_concurrency_level = commandworkerpoolsize
ce = cert-41.pd.infn.it:8443/cream-lsf-cert
Command "/usr/bin/voms-proxy-info" output follows:
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=1192746910
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco
type      : RFC compliant proxy
strength  : 1024 bits
path      : /tmp/x509up_u33337
timeleft  : 11:47:38

Command's output printed.
dn = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=1192746910
The files of this testsuite will be stored under: /tmp/tmpNmu7wa.cream_testing/
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_59871                                           | PASS |
-----
Teardown                                           | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
3 critical tests, 3 passed, 0 failed
3 tests total, 3 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
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 |

```

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```
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |  
3 critical tests, 3 passed, 0 failed  
3 tests total, 3 passed, 0 failed  
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...  
-----  
Set Log Level :: Set the log level used for the test suite. This c... | PASS |  
-----  
bug_81561 | PASS |  
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |  
2 critical tests, 2 passed, 0 failed  
2 tests total, 2 passed, 0 failed  
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...  
-----  
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 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |  
3 critical tests, 3 passed, 0 failed  
3 tests total, 3 passed, 0 failed  
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...  
-----  
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 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |  
3 critical tests, 3 passed, 0 failed  
3 tests total, 3 passed, 0 failed  
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...  
-----  
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_83592 | PASS |  
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |  
3 critical tests, 3 passed, 0 failed  
3 tests total, 3 passed, 0 failed  
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...  
-----  
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_83593 | PASS |  
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |  
3 critical tests, 3 passed, 0 failed  
3 tests total, 3 passed, 0 failed  
-----  
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...  
-----  
bug_83749 | PASS |  
-----
```

## EMI2CREAMTask34089SL6 < IGIRelease < TWiki

```
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_84374 | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_86191 | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_87361 | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_87492 | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_89489 | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_95356 | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
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_95552 | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
3 critical tests, 3 passed, 0 failed
3 tests total, 3 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_96306 | PASS |
-----
Teardown | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
3 critical tests, 3 passed, 0 failed
3 tests total, 3 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83592 & Bug...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_96512 | PASS |
-----
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Bug 59871 & Bug 69857 & Bug 81561 & Bug 83238 & Bug 83338 & Bug 83... | PASS |
41 critical tests, 41 passed, 0 failed
41 tests total, 41 passed, 0 failed
=====
Output: /home/bertocco/cream_blah_testsuites-master/cream_regression_testsuite/tests/output.xml
Log: /home/bertocco/cream_blah_testsuites-master/cream_regression_testsuite/tests/log.html
Report: /home/bertocco/cream_blah_testsuites-master/cream_regression_testsuite/tests/report.html

```

- log.html

## Standard conformance tests

### Glue 1 Compliance

- glue-validator -t glue1 -h cert-41.pd.infn.it -p 2170 -b o=grid

log

### Glue 2 Compliance

- glue-validator -t glue2 -h cert-41.pd.infn.it -p 2170 -b o=glue

log

## Performance and scalability tests

- Submission and cancellation with polling (SL5 PBS)

```
./bin/cream-test-monitored-cancel -r 30 -n 1000 -m 50 -C 50 -l log4py.conf -j simple.jd
```

log

- Submission with polling and sandbox transfer (SL5 PBS)

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

log

- Simple submission with polling, lease updated and proxy renewal

```
cream-test-monitored-lease-updated -r 60 -n 50 -m 10 -C 10 -l log4py.conf -W 1200 --vo d
```

log

## 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

-- SaraBertocco - 2012-11-26

---

This topic: IGIRelase > EMI2CREAMTask34089SL6

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