

Table of Contents

Testing report: IGIRTC #63.....	1
Summary.....	1
SL5.....	1
Deployment tests.....	1
Clean Installation SL5.....	1
Upgrade Installation.....	1
Unit Tests.....	2
System tests.....	2
Functionality tests after the update (SL5 only).....	2
Regression tests.....	3
SL6.....	3
Deployment tests.....	3
Clean Installation.....	3
Unit Tests.....	3
System tests.....	3
Functionality tests after the installation.....	3
Regression tests.....	4

Testing report: IGIRTC #63

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: In certification

SL5

Deployment tests

Clean Installation SL5

- Installation log file
- emi-release file is missing

```
[root@cream-48 ~]# cat /etc/emi-release
cat: /etc/emi-release: No such file or directory
```

Upgrade Installation

- Update log file
- Simple submission test:

```
[bertocco@cream-12 ~]$ cat /home/bertocco/bug87492.jdl
[
Environment = {
"GANGA_LCG_VO='camont:/camont/Role=lcgadmin'",
"LFC_HOST='lfc0448.gridpp.rl.ac.uk'",
"GANGA_LOG_HANDLER='WMS'"
};
executable="/bin/env";
stdoutput="out.out";
outputsandbox={"out.out"};
outputsandboxbasedesturi="gsiftp://localhost";
]
```

```
[bertocco@cream-12 ~]$ glite-ce-job-submit -a -r cert-09.cnaf.infn.it:8443/cream-lsf-demo -a /ho
https://cert-09.cnaf.infn.it:8443/CREAM637490512
```

```
[bertocco@cream-12 ~]$ glite-ce-job-status https://cert-09.cnaf.infn.it:8443/CREAM637490512
```

```
***** JobID=[https://cert-09.cnaf.infn.it:8443/CREAM637490512]
Status      = [DONE-OK]
ExitCode    = [0]
```

Unit Tests

??? TODO ???

System tests

Functionality tests after the update (SL5 only)

- Run the testsuite

```
[bertocco@cream-12 ~]$ pybot -i loglevel -i check_exe -i setup -i simple -i isb_baseuri -i isb_cl
INFO: The files of this testsuite will be stored under: /tmp/tmpS2uaHL.cream_testing/
INFO: Non-mandatory variable "sec_cert" has not been set.
INFO: Non-mandatory variable "cream_root_pass" 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.
INFO: Non-mandatory variable "lrms_admin_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 |
-----
Job Purge :: This test case verifies the proper functionality of t... | PASS |
-----
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
17 critical tests, 17 passed, 0 failed
17 tests total, 17 passed, 0 failed
=====
Output: /home/bertocco/output.xml
Log: /home/bertocco/log.html
Report: /home/bertocco/report.html
```

Complete log file are here

Regression tests

TBD??

SL6

Deployment tests

Clean Installation

- Installation log file
- Simple submission test:

```
[bertocco@cream-12 ~]$ cat /home/bertocco/bug87492.jdl
[
Environment = {
"GANGA_LCG_VO='camont:/camont/Role=lcgadmin'",
"LFC_HOST='lfc0448.gridpp.rl.ac.uk'",
"GANGA_LOG_HANDLER='WMS'"
};
executable="/bin/env";
stdoutoutput="out.out";
outputsandbox={"out.out"};
outputsandboxbasedesturi="gsiftp://localhost";
]
```

```
[bertocco@cream-12 ~]$ glite-ce-job-submit -a -r emitestbed31.cnaf.infn.it:8443/cream-lsf-demo -
2012-04-16 12:16:15,675 FATAL - Received NULL fault; the error is due to another cause: FaultStri
```

Discussed with developers, it seems a problem of voms packaging.

Unit Tests

??? TODO ???

System tests

Functionality tests after the installation

Failed:

```
[bertocco@cream-12 ~]$ glite-ce-job-submit -a -r cert-09.cnaf.infn.it:8443/cream-lsf-demo -a /ho
https://cert-09.cnaf.infn.it:8443/CREAM637490512
```

```
[bertocco@cream-12 ~]$ glite-ce-job-status https://cert-09.cnaf.infn.it:8443/CREAM637490512
```

```
***** JobID=[https://cert-09.cnaf.infn.it:8443/CREAM637490512]
  Status      = [DONE-OK]
  ExitCode    = [0]
```

```
[bertocco@cream-12 ~]$ glite-ce-job-submit -a -r emitestbed31.cnaf.infn.it:8443/cream-lsf-demo -
2012-04-16 12:16:15,675 FATAL - Received NULL fault; the error is due to another cause: FaultStri
```

Regression tests

-- SaraBertocco - 2012-04-12

This topic: IGIRelease > Task21059

Topic revision: r7 - 2012-04-18 - SaraBertocco



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