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# CREAM 1.16.1/SL6 - Testing report: IGIRTC-154

## Summary

- Product: **CREAM v. 1.16.1**
- Release Task: Task IGIRTC-154
- VCS Tag:
- EMI Major Release: **EMI 3 (Monte Bianco)**
- Platform: **SL5/x86\_64 & EPEL**
- Outcome: "In Certification"

## Deployment tests

### Clean Installation

#### CREAM LSF

- ♦ Installation log file
- ♦ Configuration log file

### Upgrade Installation

#### CREAM PBS

- ♦ [[[]Update log file]]
- ♦ [[[]Configuration log file]]

## Unit Tests

## System tests

### Functionality tests

#### LSF without Argus enabled

```
[traldi@cert-16 ~]$ pybot /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmpPhyT40m.cream_testing/
=====
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 |
-----
```

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```
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 |
-----
Validate Glue Schema :: Run the glue validator on the cream host.     | 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 |
-----
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 |
-----
Resource BDII :: Check if the resource bdii publishes all the rele... | PASS |
-----
Logging and Bookkeeping :: Check if the logging and bookkeeping se... | PASS |
-----
Old BLParser Restart :: Configure a CREAM CE using the old blah bl... | PASS |
-----
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
39 critical tests, 39 passed, 0 failed
39 tests total, 39 passed, 0 failed
```

```
=====  
Output: /home/traldi/output.xml  
Log: /home/traldi/log.html  
Report: /home/traldi/report.html
```

• Functionality log

**LSF with Argus**

```
[traldi@cert-16 ~]$ pybot-e auto_job_purge -e job_man /opt/cream_test/testsuite/cream_test_suite  
INFO: The files of this testsuite will be stored under: /tmp/tmpPhyT40m.cream_testing/
```

```
=====  
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 |  
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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 |  
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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 |  
-----  
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 |  
-----  
Validate Glue Schema :: Run the glue validator on the cream host. | 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 |  
-----
```

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```
OutputData :: This test case tests the OutputData jdl attribute. T... | PASS |
-----
Proxy Renewal :: Submit a job lasting 20 minutes using a proxy val... | PASS |
-----
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 |
-----
Resource BDII :: Check if the resource bdii publishes all the rele... | PASS |
-----
Logging and Bookkeeping :: Check if the logging and bookkeeping se... | PASS |
-----
Old BLParser Restart :: Configure a CREAM CE using the old blah bl... | PASS |
-----
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
37 critical tests, 37 passed, 0 failed
37 tests total, 37 passed, 0 failed
=====
Output: /home/traldi/output.xml
Log: /home/traldi/log.html
Report: /home/traldi/report.html
```

- Functionality log

## Regression tests

### Verification attached bugs for CREAM Torque

[[[Bug #]]] FIXED

### Verification attached bugs for CREAM LSF

The most part of the regression tests for LSF and CREAM are executed. Have a look to the log file:  
RegressionTest log file

## Standard conformance tests

### Glue 1 Compliance

### Glue 2 Compliance

## Performance and scalability tests

## Integration testing

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This topic: IGIRRelease > EMI3CREAMTaskJiraIGIRTC-154\_SL6

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