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Testing report: IGIRTC-146

Summary

- Product: **CREAM v. 1.15.2**
- Release Task: Task IGIRTC-146
- ETICS Subsystem Configuration Name:
- VCS Tag:
- EMI Major Release: **EMI 3 (Monte Bianco)**
- Platform: **SL5 epel**
- Author: Sergio Traldi
- Outcome: "In Certification"

Deployment tests

Clean Installation

CREAM PBS

- ♦ `[[[Installation log file]]`
 - ♦ `[[[Configuration log file]]`

Upgrade Installation

CREAM PBS

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

Unit Tests

System tests

Functionality tests

PBS

```
$ /usr/bin/pybot -e lb -e job_man /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmpUjx_3d.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 "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 |
-----
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 |
-----
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 |
-----
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 |
-----
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/bertocco/output.xml  
Log:    /home/bertocco/log.html  
Report: /home/bertocco/report.html
```

- **Functionality log**

```
$ /usr/bin/pybot -i lb /opt/cream_test/testsuite/cream_test_suite.html  
INFO: The files of this testsuite will be stored under: /tmp/tmpFc8oaJ.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 "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 ...  
=====  
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
```

- **lb test lb_test_SL5.html.log**

Job_man test is not run because it requires two proxies

Regression tests

Verification attached bugs for CREAM Torque

Bug # **FIXED**

Verification attached bugs for CREAM LSF

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

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

Performance and scalability tests

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 - 2013-05-09

- functionality_SL5.log: functionality_SL5.log

This topic: IGIRRelease > EMI3CREAMTaskJiraIGIRTC-146_SL5

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