

Certification report jira RTC-ISSUE 169: CREAM TORQUE module v. 2.1.3 (EMI3)

Summary

- Product: **CREAM TORQUE module v. 2.1.3**
- Release Task: CREAM TORQUE module 2.1.3
- EMI Major Release: EMI 3 (Monte Bianco)
- Platform: SL6 epel
- Author: Sara Bertocco
- Outcome: In certification

SL6

Deployment tests

Layout of the deployment testbed:

- cream-42 cream-ce
- cream-13 torque server
- cream-04 worker node

Clean Installation and configuration PASSED

- EMI3 CREAM CE with Torque Module SL6 clean installation log .
- EMI3 SL6 Torque server installation log .
- EMI3 WN installation log .

- EMI3 CREAM CE with Torque Module SL6 clean configuration log .
- EMI3 SL6 Torque server configuration log .
- EMI3 WN configuration log .

System tests

Functionality tests PASSED

* Test OutputData fails because the cream-42 ce was ot configured in the site-bdii

```
[bertocco@cert-16 ~]$ /usr/bin/pybot -e job_man -e glue -e bdii /opt/cream_test/testsuite/cream_
INFO: The files of this testsuite will be stored under: /tmp/tmpTkWkCv.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 |
-----
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... | 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 |
-----
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 |
-----
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... | FAIL |
36 critical tests, 35 passed, 1 failed
```

Functionality tests PASSED

36 tests total, 35 passed, 1 failed

=====

- **Functionality testsuite log**

- **BDII test**

```
[bertocco@cert-16 /usr/bin/pybot -i bdii /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmpwXdZzP.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 ...
=====
Resource BDII :: Check if the resource bdii publishes all the rele... | 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
```

- **BDII test log**

Regression Tests

Issue CREAM-130 FIXED

- log

Issue CREAM-132 FIXED

- log

Glue compliance tests PASSED

```
***** GLUE2
[bertocco@cert-16 ~]$ glue-validator -H cream-42.pd.infn.it -p 2170 -b o=glue -s general -g glue2
WARNING - errors 0, warnings 2, info 0 | errors=0;warnings=2;info=0

W037 Description: Wrong type
W037 Affected DN: GLUE2EndpointID=creamid001_org.glite.ce.ApplicationPublisher_1068561884
                  GLUE2ServiceID=creamid001
                  GLUE2GroupID=resource
                  o=glue
W037 Affected attribute: GLUE2EndpointInterfaceName
W037 Published value: ['org.glite.ce.ApplicationPublisher']
W037 Additional information: Expected type is InterfaceName_t

W037 Description: Wrong type
W037 Affected DN: GLUE2ResourceID=cream-42.pd.infn.it
                  GLUE2ServiceID=creamid001
                  GLUE2GroupID=resource
                  o=glue
W037 Affected attribute: GLUE2ExecutionEnvironmentPlatform
W037 Published value: ['x86_64']
W037 Additional information: Expected type is Platform_t
```

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***** GLUE1

```
[bertocco@cert-16 ~]$ glue-validator -H cream-42.pd.infn.it -p 2170 -b o=grid -s general -g glue  
OK - errors 0, warnings 0, info 0 | errors=0;warnings=0;info=0
```

-- SaraBertocco - 2014-02-10

This topic: IGIRelease > EMI3CREAMIssue169SL6

Topic revision: r1 - 2014-02-10 - SaraBertocco



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