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CREAM TORQUE module v. 2.1.4 (EMI 3) IGIRTC-181

Summary

- Product: **CREAM TORQUE module v. 2.1.4**
- Release Task: CREAM TORQUE module 2.1.4
- EMI Major Release: EMI 3 (Monte Bianco)
- Platform: SL5/SL6 & EPEL
- Outcome: In certification

Testing SL5

Deployment tests

Upgrade Installation PASSED

- EMI3 CREAM Torque Module SL5 install & update: Automatic Install & Upgrade logs

System tests

Functionality tests **INTESTING**

```
$ /usr/bin/pybot -e job_man -e glue /opt/cream_test/testsuite/cream_test_suite.html
```

- Functionality testsuite
 - ◆ LOG_TO_ADD

Testing SL6

Deployment tests

Installation PASSED

- EMI3 CREAM Torque Module SL6 install & configure: SL6 - Install & Configure log

Upgrade Installation PASSED

- EMI3 CREAM Torque Module SL6 install & update: Automatic Install & Upgrade logs

System tests

Functionality tests **PASSED**

- host tested: cream-31.pd.infn.it

```
[tralaldi@cert-16 ~]$ pybot -e status -e job_man -e glue  
/opt/cream_test/testsuite/cream_test_suite.html  
INFO: The files of this testsuite will be stored under:  
/tmp/tmpTHncUL.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 |  
-----  
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 |  
-----  
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 |
36 critical tests, 36 passed, 0 failed
36 tests total, 36 passed, 0 failed
=====
Output: /home/traldis/output.xml
Log: /home/traldis/log.html
Report: /home/traldis/report.html

```

- Functionality testsuite
 - ◆ resultTestSuite_SL6_Gjaf_Torque.tgz

Standard conformance tests

Glue 1 Compliance PBS OK

- \$ glue-validator -H cream-31.pd.infn.it -p 2170 -b o=grid -s general -g glue1 -v 3
OK - errors 0, warnings 0, info 0 | errors=0;warnings=0;info=0

Glue 2 Compliance PBS - WARNING

- # glue-validator -H cert-08.pd.infn.it -p 2170 -b o=glue -s general -g glue2 -v 3
WARNING - errors 0, warnings 2, info 0 | errors=0;warnings=2;info=0

```

W037 Description: Wrong type
W037 Affected DN: GLUE2ResourceID=cert-08
                  GLUE2ServiceID=cert-08_ComputingElement
                  GLUE2GroupID=resource
                  o=glue
W037 Affected attribute: GLUE2ExecutionEnvironmentPlatform
W037 Published value: ['x86_64']
W037 Additional information: Expected type is Platform_t

```

```

W037 Description: Wrong type
W037 Affected DN: GLUE2EndpointID=cert-08_ComputingElement_org.glite.ce.ApplicationPublish
                  GLUE2ServiceID=cert-08_ComputingElement
                  GLUE2GroupID=resource
                  o=glue
W037 Affected attribute: GLUE2EndpointInterfaceName
W037 Published value: ['org.glite.ce.ApplicationPublisher']
W037 Additional information: Expected type is InterfaceName_t

```

```

# glue-validator -g egi-glue2 -H cream-31.pd.infn.it -p 2170 -b o=glue -s egi-profile -n -
WARNING - errors 0, warnings 6, info 63 | errors=0;warnings=6;info=63
Summary per type of error, warning and info message:
I043 - Memory higher than 100,000 MB (GLUE2ComputingShareMaxMainMemory): 7
I045 - Memory higher than 100,000 MB (GLUE2ComputingShareMaxVirtualMemory): 7
I063 - Total instances less than 10 (GLUE2ExecutionEnvironmentTotalInstances): 1
I095 - Recommended attribute not present (Several attributes): 48
W034 - Mandatory attribute not present (Several attributes): 3
W037 - Wrong type (Several attributes): 1
W041 - Rpm used to publish implementation version does not exist (GLUE2EndpointImplementat
W044 - Wrong OS name (GLUE2ExecutionEnvironmentOSName): 1

```

Regression Tests

Issue CREAM-154 FIXED

- Tested on SL6:
 - ◆ see log file attached: CREAM_TORQUE_module_2.1.4_regression.txt

Issue CREAM-141 FIXED

- Tested on SL6:
 - ◆ see log file attached: CREAM_TORQUE_module_2.1.4_regression.txt

Issue CREAM-134 FIXED

- Tested on SL6:
 - ◆ see log file attached: CREAM_TORQUE_module_2.1.4_regression_139.txt

This topic: IGIRelease > Issue181

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