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CREAM LSF module v. 2.0.4 (EMI 3) IGIRTC-183

Summary

- Product: **CREAM LSF module v. 2.0.4**
- Release Task: CREAM LSF module 2.0.4
- EMI Major Release: EMI 3 (Monte Bianco)
- Platform: SL5/SL6 & EPEL
- Outcome: In certification

Testing SL5

Deployment tests

Upgrade Installation PASSED

- EMI3 CREAM LSF Module SL5 update & configuration: LSF_UPDATE_18.log .

System tests

Functionality tests **INTESTING**

.....

- Functionality testsuite log

Testing SL6

Deployment tests

Upgrade Installation PASSED

- EMI3 CREAM LSF Module SL6 install & update: Automatic Install & Update LOGS .

System tests

Functionality tests **PASSED**

```
[traldis@cert-16 ~]$ pybot -e status -e job_man -e glue /opt/cream_test/testsuite/cream_test_suite
INFO: The files of this testsuite will be stored under:
/tmp/tmp1VG9Pw.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 |
=====
```

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```
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
```

Functionality tests PASSED

- Functionality testsuite log

Standard conformance tests

Glue 1 Compliance LSF OK

- # glue-validator -H cream-24.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 LSF - WARNING

- # glue-validator -H cream-24.pd.infn.it -p 2170 -b o=glue -s general -g glue2 -v 3
WARNING - errors 0, warnings 1, info 0 | errors=0;warnings=1;info=0

W037 Description: Wrong type

W037 Affected DN: GLUE2EndpointID=cream-24.pd.infn.it_ComputingElement_org.glite.ce.Applic
GLUE2ServiceID=cream-24.pd.infn.it_ComputingElement
GLUE2GroupID=resource
o=glue

W037 Affected attribute: GLUE2EndpointInterfaceName

W037 Published value: ['org.glite.ce.ApplicationPublisher']

W037 Additional information: Expected type is InterfaceName_t

```
[root@cream-24 ~]# glue-validator -g egi-glue2 -H cream-24.pd.infn.it -p 2170 -b o=glue -s  
WARNING - errors 0, warnings 6, info 257 | errors=0;warnings=6;info=257
```

Summary per type of error, warning and info message:

I026 - Default value published (GLUE2ComputingShareMaxWallTime): 14

I028 - Default value published (GLUE2ComputingShareDefaultWallTime): 14

I029 - Default value published (GLUE2ComputingShareMaxCPUTime): 14

I031 - Default value published (GLUE2ComputingShareDefaultCPUTime): 14

I032 - Default value published (GLUE2ComputingShareMaxTotalJobs): 14

I033 - Default value published (GLUE2ComputingShareMaxRunningJobs): 14

I034 - Default value published (GLUE2ComputingShareMaxWaitingJobs): 14

I043 - Memory higher than 100,000 MB (GLUE2ComputingShareMaxMainMemory): 14

I045 - Memory higher than 100,000 MB (GLUE2ComputingShareMaxVirtualMemory): 14

I063 - Total instances less than 10 (GLUE2ExecutionEnvironmentTotalInstances): 1

I095 - Recommended attribute not present (Several attributes): 102

I096 - Default value published (GLUE2ComputingShareMaxMainMemory): 14

I097 - Default value published (GLUE2ComputingShareMaxVirtualMemory): 14

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-143 FIXED

- patch tested by CERN & INFN-T1
- on cream-24 - W025 dissapeared.=> patch verified

This topic: IGIRelease > Issue183

Topic revision: r7 - 2014-07-01 - CristinaAiftimiei



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