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# Testing report: IGIRTC-178 SL5

## Summary

- Product: **CREAM v. 1.16.3**
- Release Task: **CREAM 1.16.3**
- EMI Major Release: **EMI 3 (Monte Bianco)**
- Platform: **SL5/EPEL**
- Outcome: "In certification"

## Deployment tests

### Upgrade Installation

#### CREAM PBS - OK

##### upgrade from EM2 to EM3

- Update log file
- Configuration log file

##### upgrade from EM3 production to EM3 in testing

- Update log file
- Configuration log file

#### CREAM LSF - OK

##### upgrade from EM3 production to EM3 in testing

- Update log file
- Update and configuration log file

## Unit Tests

## System tests

### Functionality tests

#### CREAM PBS GJAF - OK

```
[traldi@cert-16 ~]$ pybot -e status -e job_man -e glue -e lb /opt/cream_test/testsuite/cream_test
INFO: The files of this testsuite will be stored under: /tmp/tmpUf1JzA.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 |
-----
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 |
-----
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 |
35 critical tests, 35 passed, 0 failed
35 tests total, 35 passed, 0 failed
=====
Output: /home/traldi/output.xml
```

Log: /home/traldi/log.html  
Report: /home/traldi/report.html

- Functionality testsuite loglog

## CREAM PBS ARGUS - OK

toadd

- Functionality testsuite log log

## CREAM LSF GJAF - TODO

toadd

- Testsuite run:

toadd

- Functionality testsuite log

## CREAM LSF ARGUS - TODO

toadd

- Functionality testsuite log

## Regression tests

Verification attached bug for .....

## Standard conformance tests

### Glue 1 Compliance PBS OK

- [traldi@cert-16 ~]\$ glue-validator -H cream-30.pd.infn.it -p 2170 -b o=grid -s general -g OK - errors 0, warnings 0, info 0 | errors=0;warnings=0;info=0

### Glue 1 Compliance LSF OK

- TODO\$ glue-validator -H cream-24.pd.infn.it -p 2170 -b o=grid -s general -g glue1

### Glue 2 Compliance PBS - WARNING

- [traldi@cert-16 ~]\$ glue-validator -H cream-30.pd.infn.it -p 2170 -b o=glue -s general -g WARNING - errors 0, warnings 1, info 0 | errors=0;warnings=1;info=0

W037 Description: Wrong type

W037 Affected DN: GLUE2EndpointID=cream-30.pd.infn.it\_ComputingElement\_org.glite.ce.Applic  
GLUE2ServiceID=cream-30.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

## Glue 2 Compliance LSF - TODO

```
TODO$ glue-validator -H cert-41.pd.infn.it -p 2170 -b o=glue -s general -g glue2 -v 2
```

```
TODO$ glue-validator -H cream-24.pd.infn.it -p 2170 -b o=glue -s general -g glue2 -v 3
```

## Performance and scalability tests - TODO

## Integration testing - TODO

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This topic: IGIRelease > EMI3CREAMTaskJiraIGIRTC-178\_SL5

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