

# Table of Contents

<b>CREAM 1.13.5 &amp; CEMon v. 1.13.4 test report - IGIRTC-132.....</b>	<b>1</b>
Summary.....	1
Deployment tests.....	1
Upgrade Installation.....	1
CREAM LSF PASSED.....	1
CREAM PBS PASSED.....	1
Unit Tests.....	1
System tests.....	1
Functionality tests.....	1
CREAM PBS PASSED.....	1
CREAM LSF PASSED.....	2
Standard conformance tests.....	3
Glue 1 Compliance PASSED.....	3
Glue 2 Compliance PASSED.....	8

# CREAM 1.13.5 & CEMon v. 1.13.4 test report - IGIRTC-132

## Summary

- Product: **CREAM v. 1.13.5 & CEMon v. 1.13.4**
- Release Task: Task #40087 & Task #40088
- ETICS Subsystem Configuration Name: emi-cream-ce\_R\_1\_13\_11\_1
- VCS Tag:
- EMI Major Release: **EMI 1 (Kebnekaise)**
- Platform: **SL5/x86\_64**
- Machines: cream-23 LSF; cream-30 PBS
- Author: Sara Bertocco
- Testing report: [[[]Testing Report file]]
- Certification report: [[[]Certification Report file]]
- Outcome: "Certified"

## Deployment tests

### Upgrade Installation

#### CREAM LSF PASSED

- Update log file
- Configuration log file

#### CREAM PBS PASSED

- Update log file
- Configuration log file

## Unit Tests

## System tests

### Functionality tests

#### CREAM PBS PASSED

```
$ /usr/bin/pybot -i simple -i isb_baseuri -i isb_client -i isb_gsiftip -i osb_localhost -i osb_baseuri
INFO: The files of this testsuite will be stored under: /tmp/tmpKpp_Rn.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 ...
=====
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 |
-----
Enable - Disable Submission :: This test case tests the proper fun... | PASS |
-----
Job Purge :: This test case verifies the proper functionality of t... | 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 |
-----
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
19 critical tests, 19 passed, 0 failed
19 tests total, 19 passed, 0 failed
=====
Output:  /home/bertocco/output.xml
Log:     /home/bertocco/log.html
Report:  /home/bertocco/report.html

```

- ◆ Functionality test log file

## CREAM LSF PASSED

```

$ /usr/bin/pybot -i simple -i isb_baseuri -i isb_client -i isb_gsiftp -i osb_localhost -i osb_baseuri
INFO: The files of this testsuite will be stored under: /tmp/tmpZVVMLT.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.
=====
Cream Test Suite :: This is the main testing module,needed for testing the ...
=====
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 |

```

## CREAM PBS PASSED

```

-----
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 |
-----
Enable - Disable Submission :: This test case tests the proper fun... | PASS |
-----
Job Purge :: This test case verifies the proper functionality of t... | 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 |
-----
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
19 critical tests, 19 passed, 0 failed
19 tests total, 19 passed, 0 failed
=====
Output:  /home/bertocco/output.xml
Log:     /home/bertocco/log.html
Report:  /home/bertocco/report.html

```

- ◆ Functionality test log file

## Standard conformance tests

### Glue 1 Compliance PASSED

```

glue-validator -t glue1 -h cert-41.pd.infn.it -p 2170 -b o=grid
$ glue-validator -t glue1 -h cream-23.pd.infn.it -p 2170 -b o=grid
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok

```

CREAM LSF PASSED

```
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok
```

```
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok
```

```
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
```

OK

Glue 1 Compliance PASSED

[illegible]



```

Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok

```

```

-----
Ran 150 tests in 0.025s

```

```

OK

```

## Glue 2 Compliance PASSED

```

$ glue-validator -t glue2 -h cream-23.pd.infn.it -p 2170 -b o=glue
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok

```

Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... FAIL  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... FAIL  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok

Traceback (most recent call last):

10

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[illegible]

Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
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Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... FAIL  
Verifying that attributes are not empty. ... ok

```

Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok

```

```

=====
FAIL: Validating data types.
-----

```

```

Traceback (most recent call last):
  File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 71, in test_data_types
    self.assertTrue(check(value), message)
AssertionError: WARNING: The field GLUE2EndpointServingState with value 'testjral' does not follow

```

```

=====
FAIL: Validating data types.
-----

```

```

Traceback (most recent call last):
  File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 71, in test_data_types
    self.assertTrue(check(value), message)
AssertionError: WARNING: The field GLUE2ExecutionEnvironmentPlatform with value 'x86_64' does not follow

```

```

-----
Ran 135 tests in 0.070s

```

FAILED (failures=2)

Errors are because of use of a State value not defined in the default glue-validator table.

-- SaraBertocco - 2013-02-27

---

This topic: IGIRelease > EMI1CREAMTask40087

Topic revision: r7 - 2013-03-17 - CristinaAiftimiei



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