

Testing and Certification report savannah task #34040: CREAM LSF module v. 2.0.2 (EMI2)

Summary

- Product: **CREAM LSF module v. 2.0.2**
- Release Task: Task #34040
- ETICS Subsystem Configuration Name: **emi-lrms-utils_R_2_1_0_1**
- VCS Tag: emi-lsf-utils-2.0.1-1, glite-yaim-lsf-utils-5.0.0-3, info-dynamic-scheduler-lsf-2.2.1-1, info-dynamic-scheduler-lsf-btools-2.2.1-1
- EMI Major Release: EMI 3 (Monte Bianco)
- Platform: SL5 epel
- Author: Sara Bertocco
- Testing report: file
- Certification report: file
- Date: 05 March 2013
- Outcome: In certification

SL5

Deployment tests

Clean Installation PASSED

- EMI2 CREAM LSF Module SL5 installation from scratch log and configuration log

Upgrade Installation PASSED

- EMI2 CREAM LSF Module SL6 update from EMI2 production version and configuration log here .

Unit Tests

NA

System tests

Functionality tests

Dynamic information test PASSED ???

```
# /sbin/runuser -s /bin/sh ldap -c "/var/lib/bdii/gip/plugin/glite-info-dynamic-ce"  
# /sbin/runuser -s /bin/sh ldap -c "/var/lib/bdii/gip/plugin/glite-info-dynamic-ce"
```

```
dn: GlueCEUniqueID=cream-22.pd.infn.it:8443/cream-lsf-creamtest1,mds-vo-name=resource,o=grid  
GlueCEInfoLRMSVersion: 7 Update 6  
GlueCEInfoTotalCPUs: 216  
GlueCEPolicyAssignedJobSlots: 216  
GlueCEPolicyMaxRunningJobs: 200  
GlueCEPolicyMaxSlotsPerJob: 72  
GlueCEPolicyMaxCPUtime: 999999999  
GlueCEPolicyMaxWallClockTime: 999999999  
GlueCEPolicyMaxObtainableCPUtime: 999999999  
GlueCEPolicyMaxObtainableWallClockTime: 999999999  
GlueCEPolicyMaxTotalJobs: 2147483647  
GlueCEPolicyMaxWaitingJobs: 2147483647
```

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GlueCEPolicyPriority: -100
GlueCEStateStatus: Testing

dn: GlueCEUniqueID=cream-22.pd.infn.it:8443/cream-lsf-creamtest2,mds-vo-name=resource,o=grid
GlueCEInfoLRMSVersion: 7 Update 6
GlueCEInfoTotalCPUs: 216
GlueCEPolicyAssignedJobSlots: 216
GlueCEPolicyMaxRunningJobs: 200
GlueCEPolicyMaxSlotsPerJob: 72
GlueCEPolicyMaxCPUTime: 999999999
GlueCEPolicyMaxWallClockTime: 999999999
GlueCEPolicyMaxObtainableCPUTime: 999999999
GlueCEPolicyMaxObtainableWallClockTime: 999999999
GlueCEPolicyMaxTotalJobs: 2147483647
GlueCEPolicyMaxWaitingJobs: 2147483647
GlueCEPolicyPriority: -100
GlueCEStateStatus: Testing

dn: GlueCEUniqueID=cream-22.pd.infn.it:8443/cream-lsf-cert,mds-vo-name=resource,o=grid
GlueCEInfoLRMSVersion: 7 Update 6
GlueCEInfoTotalCPUs: 216
GlueCEPolicyAssignedJobSlots: 216
GlueCEPolicyMaxRunningJobs: 200
GlueCEPolicyMaxSlotsPerJob: 72
GlueCEPolicyMaxCPUTime: 999999999
GlueCEPolicyMaxWallClockTime: 999999999
GlueCEPolicyMaxObtainableCPUTime: 999999999
GlueCEPolicyMaxObtainableWallClockTime: 999999999
GlueCEPolicyMaxTotalJobs: 2147483647
GlueCEPolicyMaxWaitingJobs: 2147483647
GlueCEPolicyPriority: -100
GlueCEStateStatus: Testing

dn: GLUE2ManagerId=cream-22.pd.infn.it_ComputingElement_Manager,GLUE2ServiceID=cream-22.pd.infn.it
GLUE2ManagerProductVersion: 7 Update 6
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z

dn: GLUE2ShareID=creamtest1_cms_cream-22.pd.infn.it_ComputingElement,GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest1_dteam_cream-22.pd.infn.it_ComputingElement,GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest1_infngrid_cream-22.pd.infn.it_ComputingElement,GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest1_alice_cream-22.pd.infn.it_ComputingElement,GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216

Dynamic information test PASSED ???

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GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest1_atlas_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest1_testers.eu-emi.eu_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest1_lhcb_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest2_cms_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest2_dteam_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
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GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest2_infngriid_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest2_alice_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999

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GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest2_atlas_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest2_testers.eu-emi.eu_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest2_lhcb_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=cert_dteam_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=cert_testers.eu-emi.eu_cream-22.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-22.pd.infn.it
GLUE2EntityCreationTime: 2013-03-12T14:51:01Z
GLUE2ComputingShareMaxRunningJobs: 216
GLUE2ComputingShareDefaultCPUTime: 999999999
GLUE2ComputingShareDefaultWallTime: 999999999
GLUE2ComputingShareServingState: testing
GLUE2ComputingShareMaxCPUTime: 999999999
GLUE2ComputingShareMaxWallTime: 999999999

Standard compliance and conformance tests PASSED ???

This tests are included in cream certification report here and here

Other functionality tests PASSED

The functionality tests are performed in the cream testing environment. See here

-- SaraBertocco - 2013-03-12

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Standard compliance and conformance tests PASSED ???