

# 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: SL6 epel
- Author: Sara Bertocco
- Testing report: file
- Certification report: file
- Date: 05 March 2013
- Outcome: In certification

## SL6

### Deployment tests

#### Clean Installation PASSED

- EMI2 CREAM LSF Module SL6 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"
```

```
dn: GlueCEUniqueID=cert-41.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
GlueCEPolicyPriority: -100
```

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GlueCEStateStatus: Production

dn: GlueCEUniqueID=cert-41.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: Production

dn: GlueCEUniqueID=cert-41.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: Production

dn: GLUE2ManagerId=cert-41.pd.infn.it\_ComputingElement\_Manager,GLUE2ServiceID=cert-41.pd.infn.it  
GLUE2ManagerProductVersion: 7 Update 6  
GLUE2EntityCreationTime: 2013-03-12T13:51:42Z

dn: GLUE2ShareID=creamtest1\_dteam\_cert-41.pd.infn.it\_ComputingElement,GLUE2ServiceID=cert-41.pd.i  
GLUE2EntityCreationTime: 2013-03-12T13:51:42Z  
GLUE2ComputingShareMaxRunningJobs: 216  
GLUE2ComputingShareDefaultCPUTime: 999999999  
GLUE2ComputingShareDefaultWallTime: 999999999  
GLUE2ComputingShareServingState: production  
GLUE2ComputingShareMaxCPUTime: 999999999  
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=creamtest2\_dteam\_cert-41.pd.infn.it\_ComputingElement,GLUE2ServiceID=cert-41.pd.i  
GLUE2EntityCreationTime: 2013-03-12T13:51:42Z  
GLUE2ComputingShareMaxRunningJobs: 216  
GLUE2ComputingShareDefaultCPUTime: 999999999  
GLUE2ComputingShareDefaultWallTime: 999999999  
GLUE2ComputingShareServingState: production  
GLUE2ComputingShareMaxCPUTime: 999999999  
GLUE2ComputingShareMaxWallTime: 999999999

dn: GLUE2ShareID=cert\_dteam\_cert-41.pd.infn.it\_ComputingElement,GLUE2ServiceID=cert-41.pd.infn.it  
GLUE2EntityCreationTime: 2013-03-12T13:51:42Z  
GLUE2ComputingShareMaxRunningJobs: 216  
GLUE2ComputingShareDefaultCPUTime: 999999999  
GLUE2ComputingShareDefaultWallTime: 999999999  
GLUE2ComputingShareServingState: production  
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 - 2013-03-06

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