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PATCH 4265

Automatic tests

- report #1:
 - ◆ CREAM UI version: 1.12.1; CREAM testsuite version: 1.0.7
 - ◆ Used direct polling for monitoring and BUUpdater/BNotifier for status change detection
 - ◆ Batch system: TORQUE
 - ◆ All tests have been performed successfully (see the report from the testsuite)

Information system checks

Tested that the BDII is operational

```
ldapsearch -x -h cream-42.pd.infn.it -p 2170 -b o=infosys
```

Output is here

Checked the Glue 1.3 root entry:

```
ldapsearch -x -h cream-42.pd.infn.it -p 2170 -b mds-vo-name=resource,o=grid
```

Output is here

Checked the Glue 2.0 root entry:

```
ldapsearch -x -h cream-42.pd.infn.it -p 2170 -b o=glue
```

Output is here

Information content check:

```
$ gstat-validate-ce -H cream-42.pd.infn.it -p 2170 -b o=grid  
OK - errors 0, warnings 0, info 0
```

Checked bugs

- Bug #68159 : Error parsing output from id executable FIXED
 - ◆ Configure a CREAM CE with a pool account whose member's names contain the character "_"
 - ◆ Submit a job using a credential mapped into the pool account described above.
 - ◆ Verify that the job is correctly processed by the service.
- Bug #69545 : Cream digests asynchronous commands very very slow HOPEFULLY FIXED
 - ◆ This bug was triggered by an issue of the security layer.
 - ◆ Verified with the testsuite.
- Bug #70058 : Implement support for new LB locallogger in the CREAM CE FIXED
 - ◆ Verify the correct startup of the locallogger using the init-script
 - ◆ Verify that the process IDs of the locallogger daemons are correctly written in the files /opt/glite/var/cream_lb/glite-lb-logd.pid and /opt/glite/var/cream_lb/glite-lb-interlogd.pid

Clean installation

- Installation steps:

```
wget http://etics-repository.cern.ch/repository/pm/registered/repomd/name/patch_4265_4/eti
yum install xml-commons-apis
yum install glite-CREAM
wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.2/glite-TORQUE_utils
wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.2/glite-TORQUE_server
yum install glite-TORQUE_utils glite-TORQUE_server
/opt/glite/yaim/bin/yaim -c -s site-info.def -n creamCE -n TORQUE_server -n TORQUE_utils
```

- View the log of yum for a clean installation
- View the log of yaim for a clean installation (TORQUE is used)

Upgrade from production

- Upgrade steps:

```
wget http://etics-repository.cern.ch/repository/pm/registered/repomd/name/patch_4265_4/eti
yum update
/opt/glite/yaim/bin/yaim -c -s site-info.def -n creamCE -n TORQUE_server -n TORQUE_utils
```

- View the log of yum for an upgrade
- View the log of yaim for an upgrade (TORQUE is used)

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