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# PATCH 4543

## 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: both TORQUE and LSF. Two different CEs one submitting to Torque (cream-33) and one submitting to LSF (cream-26)
  - ◆ All tests have been performed successfully (see the report from the testsuite)

## Information service checks

Tested that the BDII is operational

```
ldapsearch -x -h cream-33.pd.infn.it -p 2170 -b o=infosys
```

Output is here

Checked the Glue 1.3 root entry:

```
ldapsearch -x -h cream-33.pd.infn.it -p 2170 -b mds-vo-name=resource,o=grid
```

Output is here

## Checked bugs

- Bug #75369 : [yaim-cream-ce] Reconfiguration with yaim produces garbled sudoers file
  - ◆ Reproduced the bug configuring from scratch and then re-configuring a cream-ce using files users.conf and groups.conf attached to GGUS ticket 64189
  - ◆ Applied the fix, cleaned the sudoers file, verified that re-configuration does not spoil /etc/sudoers file
- Bug #75029 : Error when GLITE\_LOCATION\_LOG is differet from default FIXED
  - ◆ set GLITE\_LOCATION\_LOG=/tmp/test
  - ◆ create /tmp/test as root
  - ◆ verify that yaim stops with message "ERROR: GLITE\_LOCATION\_LOG directory /tmp/test exists but it is not writable by tomcat user"
  - ◆ chown tomcat:tomcat /tmp/test
  - ◆ verify that yaim complete configuration without errors

## Clean installation

- Installation steps:

```
wget http://etics-repository.cern.ch/repository/pm/registered/repomd/name/patch_4543_1/eti
yum install glite-CREAM
wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.1/glite-TORQUE_utils
wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.1/glite-TORQUE_server
wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.1/lcg-CA -O /etc/yum
yum install glite-TORQUE_utils glite-TORQUE_server lcg-CA
/opt/glite/yaim/bin/yaim -c -s site-info.def -n creamCE -n TORQUE_server -n TORQUE_utils
```

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

- Installation issues

- ◆ Due to a malfunctioning of the official jpackage mirrors the following repository has been used:

```
[jpackage5-generic]
name=JPackage 5, generic
baseurl=http://devel12.cnaf.infn.it:7444/repository/jpackage-free/
enabled=1
protect=1
```

- ◆ Due to a malfunctioning of the official dag mirrors the following repository has been used:

```
### Name: RPMforge RPM Repository for RHEL 4 - dag
### URL: http://rpmforge.net/
[rpmforge]
name = RHEL $releasever - RPMforge.net - dag
baseurl = http://apt.sw.be/redhat/el4/en/$basearch/rpmforge
mirrorlist = http://apt.sw.be/redhat/el4/en/mirrors-rpmforge
#mirrorlist = file:///etc/yum.repos.d/mirrors-rpmforge
enabled = 1
protect = 0
gpgkey = file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rpmforge-dag
gpgcheck = 1

[rpmforge-extras]
name = RHEL $releasever - RPMforge.net - extras
baseurl = http://apt.sw.be/redhat/el4/en/$basearch/extras
mirrorlist = http://apt.sw.be/redhat/el4/en/mirrors-rpmforge-extras
#mirrorlist = file:///etc/yum.repos.d/mirrors-rpmforge-extras
enabled = 1
protect = 0
gpgkey = file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rpmforge-dag
gpgcheck = 1

[rpmforge-testing]
name = RHEL $releasever - RPMforge.net - testing
baseurl = http://apt.sw.be/redhat/el4/en/$basearch/testing
mirrorlist = http://apt.sw.be/redhat/el4/en/mirrors-rpmforge-testing
#mirrorlist = file:///etc/yum.repos.d/mirrors-rpmforge-testing
enabled = 0
protect = 0
gpgkey = file:///etc/pki/rpm-gpg/RPM-GPG-KEY-rpmforge-dag
gpgcheck = 1
```

- ◆ This repository has been obtained following the procedure below:

```
wget http://packages.sw.be/rpmforge-release/rpmforge-release-0.5.1-1.el4.rf.i386.rpm
rpm -ihv rpmforge-release-0.5.1-1.el4.rf.i386.rpm
yum update
enable = 1 for [rpmforge-extras] repository in /etc/yum.repos.d/rpmforge.repo
```

## Upgrade from production

- Upgrade steps:

```
wget http://etics-repository.cern.ch/repository/pm/registered/repomd/name/patch_4543_1/eti
yum update
/opt/glite/yaim/bin/yaim -c -s site-info.def -n creamCE -n LSF_utils
```

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

-- SaraBertocco - 2010-12-07

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