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PATCH 3898

Automatic tests

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

Test submission through a WMS (i.e. ICE)

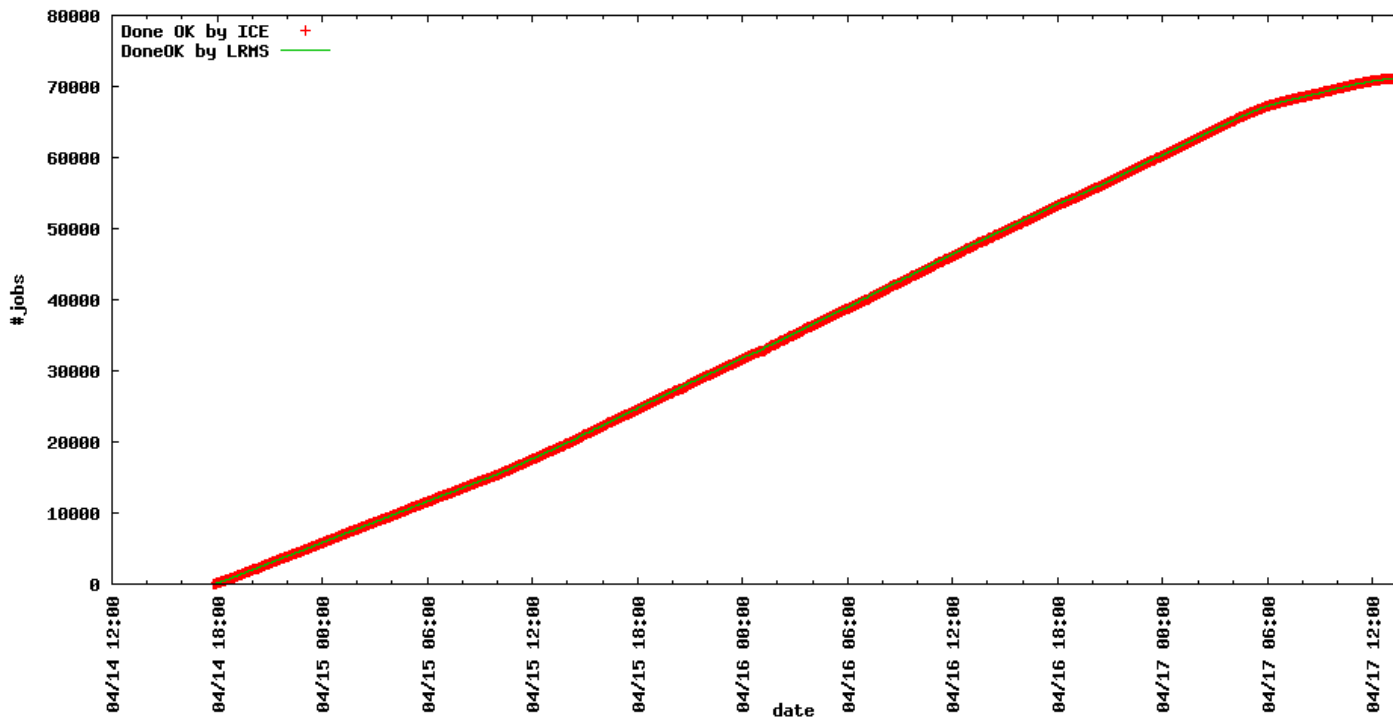
Description:

- 2880 collections each of 25 jobs
- One collection every 60 seconds
- Four users
- We use these CEs located at Padua:
 - ◆ 10 CEs SL4 (5 lsf + 5 torque)
- Use automatic-delegation
- The job is a "sleep random(7200)"
- Resubmission is enabled
- Use proxy renewal service (myproxy.cern.ch)
- Lease mechanism is not used

Results

- Collections correctly submitted: 2873 (71825 jobs)
 - ◆ DONE OK: 71814 (99.98%)
 - ◆ NOTDONE: 11 (0.02 %)
 - ◆ ABORTED: 0 (0 %)
 - ◆ CANCELLED: 0 (0 %)
 - ◆ Resubmitted: 533 (0.74 %)

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Information system checks

Tested that the BDII is operational

```
ldapsearch -x -h cream-35.pd.infn.it -p 2170 -b o=infosys
```

Output is here

Checked the Glue 1.3 root entry:

```
ldapsearch -x -h cream-35.pd.infn.it -p 2170 -b mds-vo-name=resource,o=grid
```

Output is here

Information content check:

```
$ gstat-validate-ce -H cream-35.pd.infn.it -p 2170 -b o=grid  
OK - errors 0, warnings 0, info 0
```

Clean installation

- Installation steps:

```
wget http://etics-repository.cern.ch/repository/pm/registered/repomd/name/patch_3898_2/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  
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)

- 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
```

Upgrade from production

- Upgrade steps:

```
wget http://etics-repository.cern.ch/repository/pm/registered/repomd/name/patch_3898_2/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)

- Upgrade issues
 - ◆ see installation issues above

This topic: EgeeJra1It > CreamTestsP3898
Topic revision: r9 - 2010-06-11 - PaoloAndretto



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