

Test installatiion of StoRM

Test installattaion of StoRM on Padua site

Adding egrid repository to APT

```
cat >> EOF
# packages storm
rpm http://egrid-doc.egrid.it/download/storm/rpm . storm
# package yaim
rpm http://egrid-doc.egrid.it/download/rpm . yaim
EOF
```

Install ig_SE_storm_mysql

```
apt-get install ig_SE_storm_mysql
```

Configure Yaim file site-info.def

```
export LCG_REPOSITORY="rpm http://glitesoft.cern.ch EGEE/gLite/APT/R3.0/rhel30 Release3.0 externa
export CA_REPOSITORY="rpm http://linuxsoft.cern.ch LCG-CAs/current production";
export IG_REPOSITORY="rpm http://grid-it.cnaf.infn.it apt/ig_sl3-i386 3_0_0 utils";
export OS_REPOSITORY="rpm http://linuxsoft.cern.ch cern/slc304/i386/apt os updates extras";
export YAIM_VERSION="3.0.0-1";
export USERS_CONF="/opt/glite/yaim/users.conf";
export VOS="egrid";
#
# Storm
#
export STORM_HOST="egrid-bdii-01.pd.infn.it";
export STORM_PORT="8444";
export STORM_ACCESSPOINT="/";
export STORM_USER="storm";
export STORM_DB_PWD="storm";
export STORM_AP_LIST="egrid";
export STORM_AUTH_POLICY="ecar";
export STORM_ECAR_ENDPOINT="https://egrid-lfc-01.pd.infn.it:8859";
export STORM_REPOSITORY="rpm http://egrid-doc.egrid.it/download/storm/rpm . storm rpm http://egr
export STORM_egrid_ROOT="/flatfiles";
export STORM_egrid_ACCESSPOINT="egrid";
export STORM_egrid_FSTYPE="ext3";
export STORM_egrid_FSDRIVER="posixfs";
export STORM_egrid_SPCDRIVER="mock";
export STORM_egrid_ACLMODE="jit";
export JAVA_LOCATION="/usr/java/j2sdk1.4.2_10";
```

It's Necessary Install JAVA use rpm *j2sdk-1_4_2_10-linux-i586-rpm.bin* Modify /etc/alternatives related to java

```
cd /etc/alternatives
for i in jar java javac ; do mv $i $i.pre_storm; done
[root@egrid-bdii-01 alternatives]# ln -s /usr/java/j2sdk1.4.2_10/bin/jar .
[root@egrid-bdii-01 alternatives]# ln -s /usr/java/j2sdk1.4.2_10/bin/java .
[root@egrid-bdii-01 alternatives]# ln -s /usr/java/j2sdk1.4.2_10/bin/javac
```

Enable ACL support, on the filesystem if enabled with mount you can see this

```
#mount
/dev/hda1 on / type ext3 (rw,acl)
```

To enable it edit /etc/fstab adding acl and then remount it *mount -o remount /*

Run yaim to install StoRM

```
/opt/glite/yaim/scripts/ig_install_node /opt/glite/yaim/site-info.def SE_storm_mysql
```

Run yaim to configure StoRM

```
/opt/glite/yaim/scripts/ig_configure_node /opt/glite/yaim/site-info.def SE_storm_mysql
```

StoRM have is GRIS that must be published by a Site BDII of a Ce as a Classic SE

Now there is the following service will be installed

mysql, srmv2-server, storm-server, rfio patched by egrid