VOMS configuration update effective May 29th 2007 due to new hostcert of lcg-voms.cern.ch

Due to the change of the CERN CA the new certificate DNs of all users and hosts look completely different and the site-info.def files must be updated. In order to propagate the changes in the site-info.def file the reconfiguration of gLite WMS, and UI nodes is necessary and on lcg-RB node the `run_function <site-info.def> <host-name> config_vomses` command should be run.

This was announced in https://twiki.cern.ch/twiki/bin/view/LCG/LcgScmStatusAas#May_9th

Site admins are advised to adopt the update in order to warnings the users will be seeing when trying to obtain a voms-proxy and their vomses files contain the old DN of lcg-voms.cern.ch. No service interruption will occur because voms.cern.ch is an exact replica of lcg-voms.cern.ch (except for VOMRS) and is always contacted when to satisfy voms-proxy-init's.

Example VO entry:

```
VO_DTEAM_SW_DIR=$VO_SW_DIR/dteam
VO_DTEAM_DEFAULT_SE=$CLASSIC_HOST
VO_DTEAM_STORAGE_DIR=$CLASSIC_STORAGE_DIR/dteam
VO_DTEAM_QUEUES="dteam"
VO_DTEAM_VOMS_SERVERS='vomss://voms.cern.ch:8443/voms/dteam?/dteam/'
VO_DTEAM_VOMSES="'dteam lcg-voms.cern.ch 15004 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch dt
```

Example VO definition part of the site-info.def file looks like:

```
...
...
# YAIM example site configuration file – adapt it to your site!
# Skipped all lines unrelated to the VO definition

# VO specific settings. For help see: https://lcg-sft.cern.ch/yaimtool/yaimtool.py
VO_ATLAS_SW_DIR=$VO_SW_DIR/atlas
VO_ATLAS_DEFAULT_SE=$CLASSIC_HOST
VO_ATLAS_STORAGE_DIR=$CLASSIC_STORAGE_DIR/atlas
VO_ATLAS_QUEUES="atlas"
VO_ATLAS_VOMS_POOL_PATH="/lcg1"
VO_ATLAS_VOMS_SERVERS='vomss://voms.cern.ch:8443/voms/atlas?/atlas/'
#VO_ATLAS_VOMS_EXTRA_MAPS="'Role=production production' 'usatlas .usatlas'"
VO_ATLAS_VOMSES="'atlas lcg-voms.cern.ch 15001 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch at


VO_ALICE_SW_DIR=$VO_SW_DIR/alice
VO_ALICE_DEFAULT_SE=$CLASSIC_HOST
VO_ALICE_STORAGE_DIR=$CLASSIC_STORAGE_DIR/alice
VO_ALICE_QUEUES="alice"
VO_ALICE_VOMS_SERVERS='vomss://voms.cern.ch:8443/voms/alice?/alice/'
VO_ALICE_VOMSES="'alice lcg-voms.cern.ch 15000 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch al


VO_CMS_SW_DIR=$VO_SW_DIR/cms
VO_CMS_DEFAULT_SE=$CLASSIC_HOST
VO_CMS_STORAGE_DIR=$CLASSIC_STORAGE_DIR/cms
VO_CMS_QUEUES="cms"
VO_CMS_VOMS_SERVERS='vomss://voms.cern.ch:8443/voms/cms?/cms/'
VO_CMS_VOMSES="'cms lcg-voms.cern.ch 15002 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch cms' '


VO_LHCB_SW_DIR=$VO_SW_DIR/lhcb
VO_LHCB_DEFAULT_SE=$CLASSIC_HOST
VO_LHCB_STORAGE_DIR=$CLASSIC_STORAGE_DIR/lhcb
VO_LHCB_QUEUES="lhcb"
```

```
VO_LHCB_VOMS_SERVERS='vomss://voms.cern.ch:8443/voms/lhcb?/lhcb/'
VO_LHCB_VOMS_EXTRA_MAPS="lcgprod lhcbprod"
VO_LHCB_VOMSES="'lhcb lcg-voms.cern.ch 15003 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch lhcb

VO_DTEAM_SW_DIR=$VO_SW_DIR/dteam
VO_DTEAM_DEFAULT_SE=$CLASSIC_HOST
VO_DTEAM_STORAGE_DIR=$CLASSIC_STORAGE_DIR/dteam
VO_DTEAM_QUEUES="dteam"
VO_DTEAM_VOMS_SERVERS='vomss://voms.cern.ch:8443/voms/dteam?/dteam/'
VO_DTEAM_VOMSES="'dteam lcg-voms.cern.ch 15004 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch dt

VO_BIOMED_SW_DIR=$VO_SW_DIR/biomed
VO_BIOMED_DEFAULT_SE=$CLASSIC_HOST
VO_BIOMED_STORAGE_DIR=$CLASSIC_STORAGE_DIR/biomed
VO_BIOMED_QUEUES="biomed"
VO_BIOMED_VOMS_SERVERS="vomss://cclcgvomsli01.in2p3.fr:8443/voms/biomed?/biomed/"
VO_BIOMED_VOMSES="biomed cclcgvomsli01.in2p3.fr 15000 /O=GRID-FR/C=FR/O=CNRS/OU=CC-LYON/CN=cclcgv

VO_OPS_SW_DIR=$VO_SW_DIR/ops
VO_OPS_DEFAULT_SE=$CLASSIC_HOST
VO_OPS_STORAGE_DIR=$CLASSIC_STORAGE_DIR/ops
VO_OPS_QUEUES="ops"
VO_OPS_VOMS_SERVERS="vomss://voms.cern.ch:8443/voms/ops?/ops/"
VO_OPS_VOMSES="'ops lcg-voms.cern.ch 15009 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch ops' '

#  Blank is mandatory
GRIDMAP_AUTH=" "
```

As long as both voms servers' DNs are present in the vomses files the one of them which is no more or not yet valid will give the following error as an answer to voms-proxy-init:

```
Enter GRID pass phrase:
Creating temporary proxy ........................................ Done
Contacting  lcg-voms.cern.ch:15004 [/DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch] "dteam" Fail

Error: Could not establish authenticated connection with the server.
GSS Major Status: Unexpected Gatekeeper or Service Name
GSS Minor Status Error Chain:

an unknown error occurred
```

This is harmless because the next server is tried anyway.

-- Main.rmollon - 07 May 2007

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