

Voms local account

One to One mapping with voms proxy
Scenario:

Two VO users have to share the same local account

VO user /C=IT/O=INFN/OU=Personal Certificate/L=ICTP/CN=Pippo
/C=IT/O=INFN/OU=Personal Certificate/L=ICTP/CN=Paperino

Local Account

user grid

Modified the file /opt/edg/etc/lcmmaps/lcmmaps.db

```
# LCMAPS policyfile generated by YAİM – DO NOT EDIT # # where to look for modules  
path = /opt/edg/lib/lcmmaps/modules
```

```
# module definitions
```

```
posixenf = "lcmmaps_posix_enf.mod –maxuid 1 –maxpgid 1 –maxsgid 32 " localaccount =  
"lcmmaps_localaccount.mod –gridmapfile /etc/grid–security/grid–mapfile" poolaccount =  
"lcmmaps_poolaccount.mod –gridmapfile/etc/grid–security/grid–mapfile–gridmapdir  
/etc/grid–security/gridmapdir/ –override_inconsistency"
```

System Message: WARNING/2 (<string>, line 27)

Block quote ends without a blank line; unexpected unindent.

```
vomsextract = "lcmmaps_voms.mod –vommdir /etc/grid–security/vommdir/ –certdir  
/etc/grid–security/certificates/" vomslocalgroup = "lcmmaps_voms_localgroup.mod –groupmapfile  
/opt/edg/etc/lcmmaps/groupmapfile –mapmin 0" vomslocalaccount = "lcmmaps_voms_localaccount.mod  
–gridmapfile /opt/edg/etc/lcmmaps/gridmapfile –gridmapdir /etc/grid–security/gridmapdir  
–override_inconsistency" #vomslocalaccount = "lcmmaps_voms_localaccount.mod –gridmapfile  
/opt/edg/etc/lcmmaps/gridmapfile –use_voms_gid" vomslocalaccount = "lcmmaps_voms_localaccount.mod  
–gridmapfile /opt/edg/etc/lcmmaps/gridmapfile.local –use_voms_gid"
```

```
standard: localaccount -> posixenf | poolaccount poolaccount -> posixenf
```

```
# policies voms: # vomslocalaccount -> localaccount # vomsextract -> vomslocalgroup vomslocalgroup ->  
vomslocalaccount vomslocalaccount -> posixenf | vomslocalaccount
```

The file suggest, that standard applies to Proxy *without* VOMS extension and voms applies to proxy with VOMS extensions.

The first rule matched is applied as iptables

To force the one to one mapping with voms extensions, added in the voms section the FISRT line

```
vomslocalaccount -> localaccount
```

and the DN in the /etc/grid–security/grid–mapfile

"/C=IT/O=INFN/OU=Personal Certificate/L=ICTP/CN=Pippo" grid "/C=IT/O=INFN/OU=Personal Certificate/L=ICTP/CN=Paperino" grid

TODO mapping for gridftp /ot/edg/etc/lcmmaps/lcmmaps.db.gridftp