



Grid-mapfile

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m kgridm ap

- ◆ Work of the authorization team
- ◆ Creation of a grid-mapfile from
 - VO servers
 - Including a localgrid-mapfile
 - Excluding based on the cert's subject name
- ◆ Requirements
 - Perl5
 - Net::LDAP API
 - Net::SSLeay
 - Net::IO
 - ...



m kgridmap

VO Bio

LDAP server

VO Astro

LDAP server

VO HEP

LDAP server

grid-mapfile-local

mkgridmap

grid-mapfile

Local server



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◆ Configuration

- /mkgridmap/etc/grid-mapfile-local

- /mkgridmap/etc/mkgridmap.conf

```
##### GROUP: group URL [lcl_user]
group ldap://ldap.VO1.org/cn=group1,dc=bio,dc=org BIOuser
group ldap://ldap.VO2.org/cn=group1,dc=hep,dc=org HEPuser
group ldap://ldap.VO3.org/cn=group1,dc=astro,dc=org ASTROuser
group ldaps://ldap.VO4.org/cn=group2,dc=testbed1,dc=org
##### ACL: deny|allow pattern_to_match
deny *L=Parma*
allow *INFN*
allow *CNRS*
##### DEFAULT LOCAL USER
default_lcluser testbed1
```

◆ Use

- ./mkgridmap > /opt/globus/etc/grid-mapfile