VOMS in dCache 1.7.0

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VOMS support

dCache 1.7.0 supports Extended Certificates (VO's and Roles)

We are using gPlazma (grid-aware Pluggable Authorization Management) funded by OSG. (checkout www.dcache.org for details)

Supports (with 1.7.0)

dcache.kpwd (legacy configuration file, not supporting DN in multiple VO's)

Grid User Management System plus SAML

Standard grid-map file.

Extended Grid Map file plus mapping to local users

Protocol VOMS support

Fully supported by

      dCap

      gsiFtp

      SRM

Not (yet) supported by xRoot

      (xRoot currently only supports the Alice security model)

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Extended Grid map file

Extended Grid Map File is a temporary solution to simply transition to future solutions

Extended Grid Map file :

   Resides centrally (no longer on all gridftp/dCap/SRM door nodes)

   Can be automatically generated, like the classical grid-map-file

   Will contain all VO's, a certain DN is member of, with appropriate
      mapping to *user-name*

   Contains Roles plus mapping to *user-name*

Storage Authorizartion DB file :

   Map *user-name* to uid/gid to be used in posix permissions in PNFS

Checkout *dCache, The Book* (http://www.dcache.org/manuals/Book) for details.

ACL's for data and Space Tokens

Currently *unix permissions* only, but Roles can have different uid/gid

Nov 1, dCache may get new developer to get ACL integrated into Chimera (Pnfs Replacement)

Space Tokens may get ACL's earlier

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dCache, the Book

www.dCache.ORG

need specific help for you installation or help
in designing your dCache instance.

support@dCache.ORG

dCache user forum

user-forum@dCache.ORG