

GUMS + High Availability Tutorial Preview

<http://fermigrid.fnal.gov>

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GUMS is important

- Who should run GUMS
 - Everyone!
- Why should you run GUMS
 - Only way to handle the case where one DN can map to more than one VO or role in the same VO. Most big OSG VO's need that
 - Faster response and easier to maintain than grid-mapfiles.
- What is GUMS—Grid User Mapping System
 - A package that takes a DN and role information and returns a Unix user name
- Why consider high-availability GUMS
 - Single GUMS server is a single point of failure, no jobs can start without it.

GUMS HandsOn I will cover:

- Hardware requirements for server
- Pre-install steps
- Installation of software
- Post-configuration of software
- Managing GUMS via the Web UI

High Availability HandsOn will cover:

- Multi-master replicating MySQL servers
- LVS server with failover, pulse and piranha
- Active-active redundant GUMS server.
- See Google Docs for full tutorial.

<http://docs.google.com/Doc?docid=0AVY11NMVz7mPZGdmNjg0bWZfMmZiNWttbmQ0&hl=€>