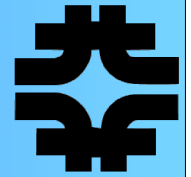




Open Science Grid

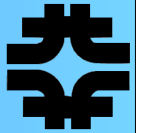


# Policy Working Group

September 9, 2004

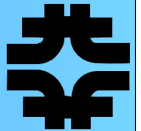


# Policy Working Group



Policy Working Group is responsible for a variety of development and deployment areas

- ➔ How authenticated incoming grid users are mapped to local accounts
  - How to satisfy local site requirements and provide users with sufficient functionality and granularity
- ➔ How fine grained authorization can be provided for services to enable users but to protect the site
  - Including how service authorization is communicated
- ➔ How priority on facility resources is defined and published to incoming users or services
  - Processing Queues
  - Storage Systems
  - Transfer Services
  - Networking Resources



Policy is an area that can be very site dependent

- ➔ Rules at national labs are different from rules at universities

The policies and implementation can differ between facilities

- ➔ Provided the information is consistently published the way the site implements policy is a matter for the site

The Policy working group will be taking input and tools from a variety of sources

- ➔ There is lots of work to do
- ➔ They will be coordinating with several of the other technical groups
  - Security and Storage
  - One group that will be providing input is the US-CMS PPDG common project on Privilege
  - Members of GriPhyN have been working on publishing policy
  - SRM team is beginning to address transfer priority



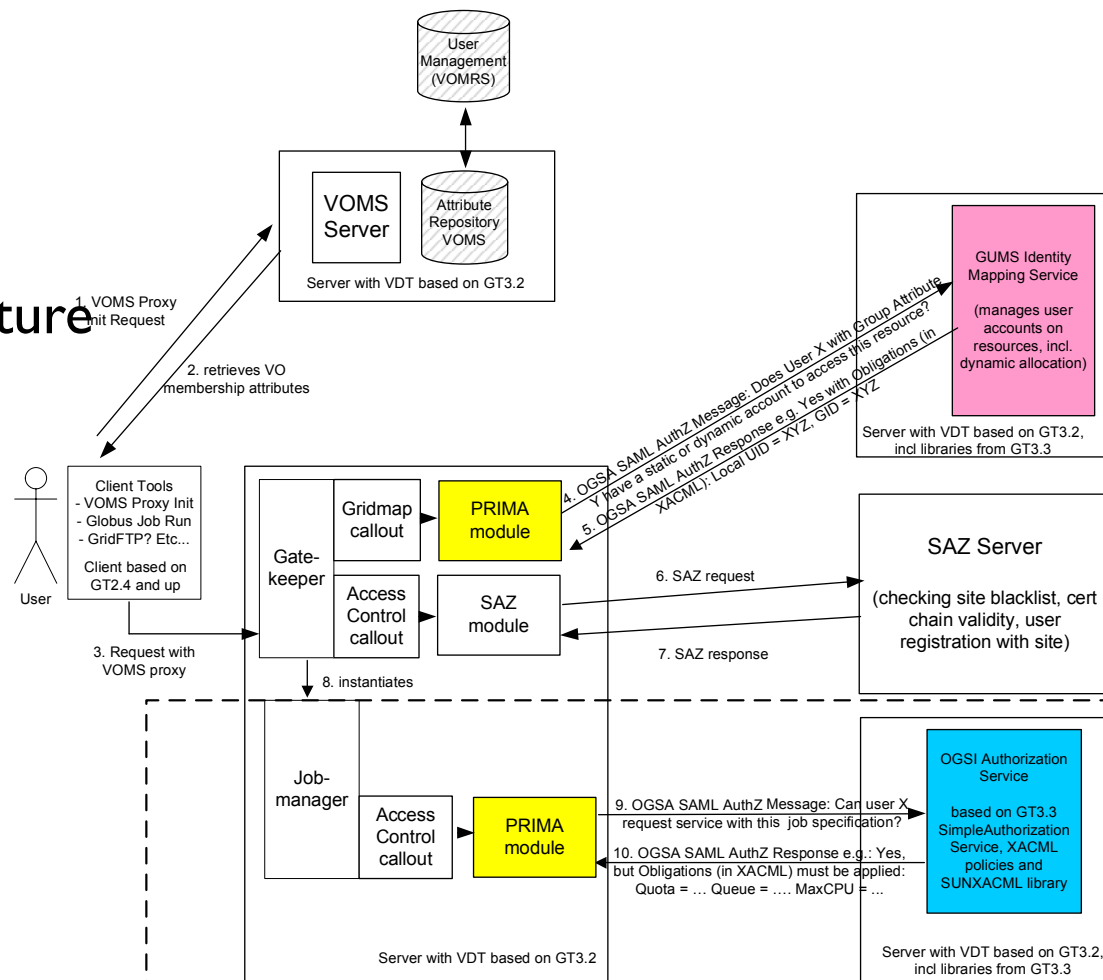
## User Mapping and Service Authorization

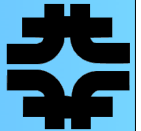
- ➔ Working on role based authorization
- ➔ Dynamic account basic management
- ➔ Flexible infrastructure for Policy

### Authorization Architecture

#### FNAL Privilege Project

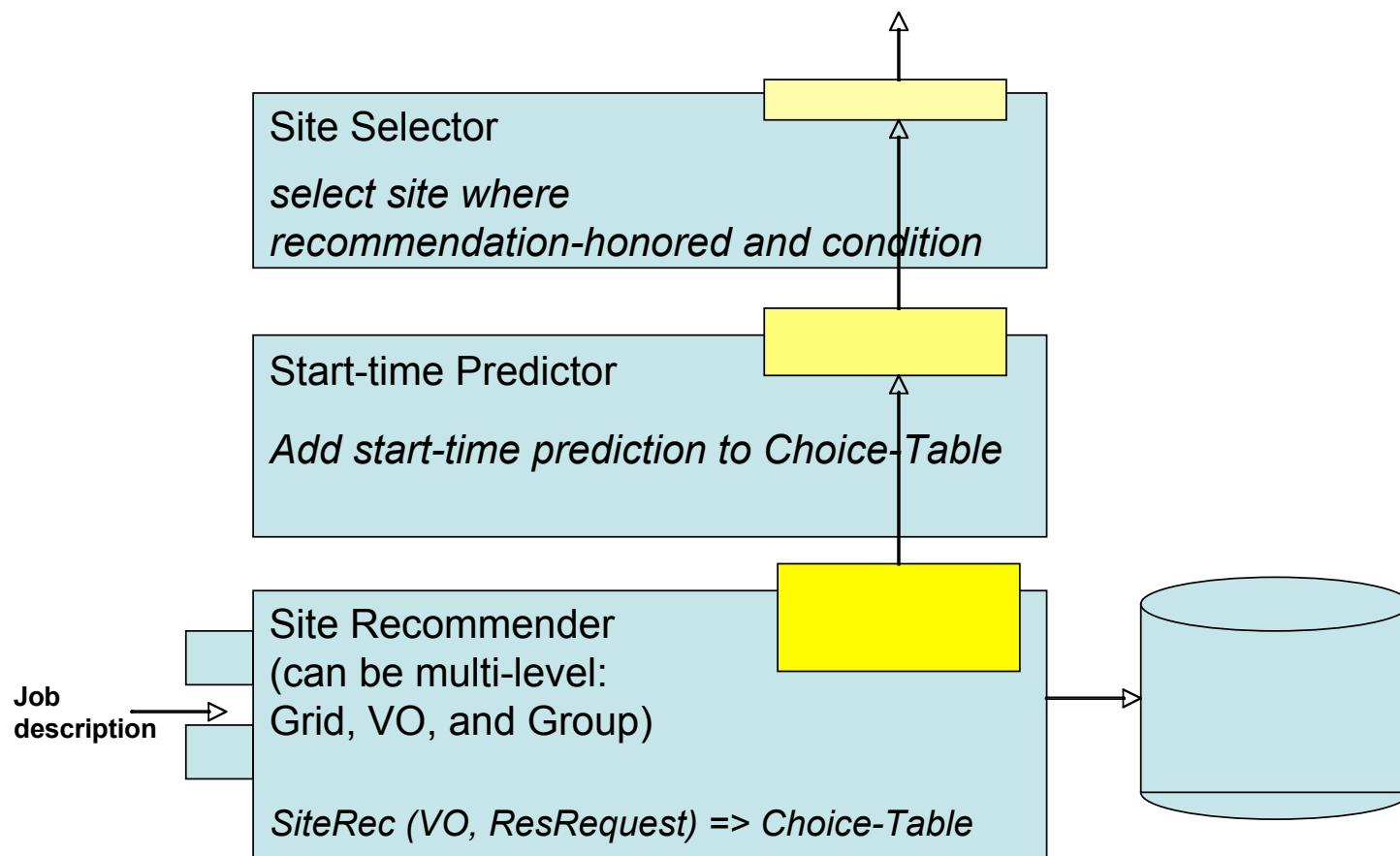
Version 3 - 2004-08-05  
mlorch@fnal.gov

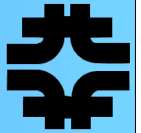




Catalin Dumitrescu who is working at U. Chicago on collecting policy information for processing and making it available in a meaningful way

- ➔ Collecting policy information and creating a service to recommend what site to run on





## Storage Policy

- ➔ Already see problems that we don't have ways to implement and publish storage policy
  - disks fill, jobs fail, systems fail, etc
  - data is lost, data is left, etc
- ➔ Policy, quota, accounting, and reservation are all needed in wide deployment

## Transfer Policy

- ➔ How to define and publish priority for transfers
- ➔ How to define and publish priority for network usage