

Access Control Discussion

Access Control is about authentication and accounting:

- How can we provide secure access to resources of all sorts?
 - CPU through GRID and Cloud
 - Storage through SRM, xrootd, local access protocols
 - Specialized hardware like GPUs, etc (Do they need special access control?)
 - Squids for various purposes (CVMFS, Frontier, ...)
 - ...
- How can we allow groups of users to combine their quotas and use them collectively?
 - CPU shares
 - Disk quotas
 - ...
- How can sharing of quotas be realized in a dynamic way? How can users leave groups and join other groups?
- How far do we have to secure multi-core pilots/slots/VMs running various payloads through workload management and resource provisioning systems? Is glxexec really necessary and the way to go?
- How can we enable access to leadership class machines without having to have separate resource provisioning systems only operated by a small group of experts?
- ...

Access Control is about user authenticating to our systems:

- How can we reduce the number of passwords a user needs to have?
- How can we reduce the number of times a user has to type a password?
- How can we simplify the GRID certificate usage?
 - Can we get rid of user certificates?
- ...