

UKI-SOUTHGRID-OX-HEP summary

Southgrid joint meeting 20130620

DPM developments

- DPM
 - Xrootd for local access
 - Available at the site, ATLAS and CMS configurations both switched to use it.
 - Xrootd federated access
 - Available, being monitored, not used in production yet.
 - Webdav
 - Available (and really easy to do), not being seriously used yet (and isn't quite ready, e.g. BDII advertising seems to be missing), but will be vital in the future.

Worker nodes

- glExec/ARGUS
 - All worker nodes have glExec available
 - glExec and CEs both authenticate against ARGUS
 - We're on our second production ARGUS server. It was easy to set up the new one for the gLite->EMI upgrade.
 - The EMI3 CEs/WNs have no trouble authenticating against the EMI2 ARGUS.

EMI3

- Our 'test' cluster is currently running SL6/EMI3
 - That's the CE (minus the APEL packages), the WN, and a torque server
 - It still uses the normal SE and Argus server
 - EMI2 and 3 APEL versions don't talk to each other.
- It mostly works fine
 - Except the CVMFS/kernel issue
 - And the EMI3 voms-clients problem

Puppet

- We're probably moving (along with almost everyone else) to puppet from cfengine2
 - It's quite work-in-progress-y
 - We've been developing a tiered structure to allow decoupling of policy and implementation to allow easier cross-site code re-use. (This was discussed at HepSysMan)

Regional services

- gridppnagios
 - We manage two regional Nagios instances, one at Oxford, and its backup hosted at Lancaster. They're a critical service, and work well. Yay us.
 - We also have the recently implemented VO Nagios that's currently running tests for T2K