

## Atlas report 11.11.2014

### 1. Rucio migration

- Final stages before migration. Atlas is almost ready for the final stage of the commissioning: Having datasets in and managed by Rucio
  - Experts are working on how to map DQ2 subscriptions to Rucio rules/locks
- Migration plan
  - Migrating 6M datasets will take a long time
  - Done by DB procedure run by Rucio developers
  - most (unused by running jobs) can be done in background
  - New DQ2 client can use datasets in DQ2 and Rucio
  - 50k datasets are “active” in panda/DDM subscriptions at any one point
  - To move those panda abd DQ2 site servuces should be paused
  - Any open subscriptions will be picked up by Rucio
  - A date has not yet been set but likely mid-November

### 2. MC production status

- Grid not too busy in recent weeks, and not much in system right now  
140M fullsim and 180M AF-II were submitted

### 3. ProdSys2

- Starting submission of requests in ProdSys2, just a few submitted but more will appear. We will start with MC14 standard requests (some which need special configurations will be still done in prodsys for now)

### 4. New version of pilot 59d

- \* Activation of checksum verifications (supported on both BNL and CERN object stores) and minor bug fixes in object store site movers
- \* New version of aria2c site mover now using env variable X509\_CERT\_DIR instead of a hardcoded path (fixing a problem seen at UKI-LT2-IC-HEP\_SL6, reported by Duncan Rand)
- \* Fix for jobs writing to group disk in case the job originated from a different cloud. Previously path would be generated in the wrong way. Now the pilot will reset the group disk space token and write the files to the default space token. The files will be moved to group disk by DDM.
- \* glexec update: Updated the logic of gLExec. If the schedconfig flag is set to 'test', the pilot will hard-fail so that we can easily debug the error and identify sites with problematic glexec glexec mode, we ping the glexec infrastructure to test if it is OK and properly configured at the site. If it is OK, we go ahead with glexec. If not, it switches back to the normal running mode without using glexec.
- \* Improved error handling in event service jobs in case of transfer failures.
- \* Skipping core count checks for install jobs (job def vs AGIS) To facilitate install jobs on MCore sites without complicated changes in the installation a system