

Atlas report 24.06.2014

- **DC-14 status**

- Digi+Reco 8 TeV :
 - Release 19 is closer to be validated around 3 weeks.
 - AthenaMP still not validated yet, needs a new cache (to be built) and a round of validation.
 - around 350 M of events to be reconstructed.
- Simulation 13 TeV :
 - Simulation with new geometry and simulation it would take a bit more (3-4 weeks).
 - around 270 M of events to simulate
- The sites should not actually see any difference respect to the present activity.

- **PRODSYS-2**

- Step 1 Jun 16 - Jun 30 : ProdSys2 validation by Production Managers(PM)
 - 1 week initial test. MC and Group Production
 - Panda/Jedi is now fully ready for user analysis: the missing bit was the monitoring which is now available.

http://bigpanda.cern.ch/tasks/?tasktype=prod&display_limit=100

- **LFC to Rucio migration status update**

- LFC is not used anymore
- Any error messages mentioning LFC machines (prod-lfc-atlas.cern.ch, lfc.usatlas.bnl.gov, ust2lfc.usatlas.bnl.gov) should be reported to DQ2 ops or cloud support squads
- Rucio full chain test progressing. Discovered, "thanks" to the CERN FTS3 issues of the week of the 10th of June which created a huge backlog in data transfers, a race conditions between conveyor (the agent which submits and poll the data transfers via FTS3 jobs) and the reaper (the agent which take care about deleting the data once the lifetime has expired). Test will keep on for at least other 3 weeks

- **CVMFS client upgrade needed!**

- From: Andrea Manzi
Subject: CVMFS client upgrade
Date: June 13, 2014 10:14:03 AM GMT+02:00
To: "wlcg-ops-broadcast (WLCG Operations Broadcasts)"

during the last WLCG ops coord meeting it was presented the plan for the upgrade of the CVMFS installation servers hosted at CERN [1] from v 2.0 to v 2.1, starting from August the 5th.

Before the servers upgrade (by the end of July) we should make sure that the CVMFS client deployed on the WLCG infrastructure are upgraded to the 2.1.19 version [2] , released on 28th May.

Be aware that old versions 2.0 and < 2.1.19 contain known bugs that have been fixed on the latest version, therefore the upgrade is highly recommended.

- Sites that will not have upgraded by the 1st of July will be ticketed by WLCG.

- CERN FTS3 issue of the past week created a backlog in the production data transfers which was reflected in ~ two day of part of the Grid draining: while recovering the backlog, ATLAS observed that the whole DDM system wasn't able to transfer more than ~2Mfile / day. ATLAS is investigating the limiting factors.

- CERN FTS3 issue during the previous week created a backlog in the production data transfers which resulted in ~ two day of part of the Grid draining: while recovering the backlog, ATLAS observed that the whole DDM system wasn't able to transfer more than ~2M file / day. ATLAS is investigating the limiting factors.
- http/webdav at UK:
 - Sylvain works on http/webdav access on the UK cloud and ran a job per WN of UK, this jobs generate a url list of 100 files per SE of the UK' cloud, then it tries to open and read some branch in it.
 - See a plot of this experiment which tells you the number of files correctly opened and read. So a 100 means 100% success and blanc that nothing could be accessed or read.
 - Using curl, it's possible to identify problems when success rate is not 100%:
 - UKI-LT2-QMUL_DATADISK: HTTP/1.1 403 Storage area ATLASDATADISK-FS doesn't support https protocol
 - UKI-LT2-UCL-HEP_DATADISK: curl: (7) couldn't connect to host
 - UKI-SCOTGRID-ECDF_DATADISK: curl: (7) couldn't connect to host
 - UKI-SOUTHGRID-BHAM-HEP_DATADISK : HTTP/1.1 403 Forbidden
 - UKI-SOUTHGRID-CAM-HEP_DATADISK : HTTP/1.1 403 Forbidden
 - For the two sites that are under 80% of success the problem is that some disk nodes are failing:
 - UKI-SOUTHGRID-OX-HEP_DATADISK
 - UKI-SCOTGRID-GLASGOW_DATADISK*

