

SC4 Weekly Report and upcoming activities 31 July 2006.

Information from Experiment Integration and Support teams at WLCGSCM of 24 July, from CERN group reports to an internal meeting of 28 July and from the WLCGRSM of 31 July.

There was a site wide power cut at CERN 07.45 on 29 July. Physics services were resumed by 18.00 and knock-on effects are being encountered and dealt with.

ALICE:

1. CERN-CCIN2P3: working
2. CERN-CNAF: Still not working because of castor problems at the site
3. CERN-FZK: Had FTS server problem, now solved.
4. CERN-RAL: resources and srm endpoints not provided
5. CERN-SARA: Still has not been tested.

Main issue: bring all sites online and ramp-up export to 300 MB/s.

ATLAS: Have been focussing on T0 internals and Castor configuration.

Have seen some site problems but have done little reporting to the sites.

On Wednesday reported that LFC at RAL has been unavailable for two weeks.

They are working on scripts to do automated cleanup of data both for LCG and OSG sites. For the next 2-3 weeks will continue T0-T1 export at current levels (4-5 hundred MB/sec) then start to focus on it again with a more functional DQ2.

CMS: Installing latest simulation software at sites in preparation for testing. The generation of 50M events for CSA06 has started at 14 sites. Currently filling their expanded WAN disk pool at CERN and plan to start 500 MB/s disk-disk export tomorrow (Tuesday) morning to run a full week. They expect to have to optimize some of their FTS channels. They will pause their 150MB/s export meanwhile.

LHCB: dc06 considered to have started. Still performance problems to get data back to CERN.

Usable sites:

CERN - jobs running OK until power cut

PIC - running OK

RAL - jobs run v.slow sometimes stalling due to slow data access

Lyon - running OK but with several "hacks" to allow data access (Data transferred from CERN to disk SE rather than tape SE; disk SE has dcap access whilst tape SE doesn't. TURL created by hand rather than using lcg utils as dcap isn't officially supported ;-) [Awaiting new version of AA software which will package the necessary libraries to allow us gsidcap access to avoid the rollout via gLite releases]

Unusable sites:

CNAF - CASTOR 2 issues - BUT there seems to be issues associated with a single disk server serving all VO's (see Giuseppe's email of Thursday) Why only a single disk server?

GridKa - problems of running any jobs production or computing challenge jobs there. In discussion with GridKa we have moved to the "new" CE which is "flickering" in the BDII. Problems with InfoProvider on CE?
NIKHEF/SARA - firewall issues that should be solved with the beta release of dCache libraries due now.
Main issue: to get unusable sites to be useable.