



CCRC'08 Weekly Update

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LCG MB, 1st April 2008

Overview

- Even though this MB is a face-to-face meeting, will stick with format that has evolved over recent weeks
- More extensive report on today's CCRC'08 F2F will be given at tomorrow's GDB
- Moving steadily towards (semi-)automated reporting...

¿ Which is good(?)

- OB presentation is attached to agenda for insomniacs

Current activities – Services

Service	Issue
DBs	Two major activities. 1) Preparation of new RAC 5 and 6 hardware (both now on critical power) to migrate experiment services next week. 2) Upgrade of integration RACs to Oracle 10.2.0.4. This version will probably not be used for CCRC'08(?) More details in notes...
3D	CNAF down for the entire week due to maintenance. Streams replication to CNAF has been split and stopped, it will be resumed this week. ATLAS streams replication between offline and online database stopped on Good Friday due to an error from the streams apply process caused by an user application mis-configuration. The replication was resumed after a few hours.
CASTOR	The new CASTOR version (2.1.7) will be ready for pre-production certification on the 1st of April as originally planned. All tests and stress tests are successful.
SRM	A bug has been found in the CERN SRM v2 databases. This is in fact fixed in a rollout due on Monday so the rollout has been brought forwards.
FTS	Some Apache patches are in the pipeline for FTS servers.
CE	The fixes deployed at CERN to the LCG CE that reduce their load by an order of magnitude are being packaged for external distribution and should be ready next week.
DM	Patches to the 1.6.7 version of lcgutils should also be ready for distribution next week.

Current activities – ATLAS

Day	Issue
Wed	Throughput testing with junk data. Build up T0 to T1 transfers to 150% nominal, adding 50% each day (150% over the w/e) CNAF has a downtime so their share is going to BNL. NDGF have requested a reduced rate due to insufficient resources. SRMv2 is being used at CERN.
Thu	Some Castor fixes at the end of the day. Try to reach 100% of the rate today then 200% on Friday then throttle back to 100% for the weekend. A current problem is they no longer see BNL on the ATLAS dashboard.
Fri	1) Yesterday the export rate was supposed to be increased to 100% of nominal. Problem in the ATLAS T0 machinery and not enough LSF jobs were submitted. 2) Display problem with the dashboard. Some entries end up in the production dashboard but should be in the T0 dashboard and vice versa. 3) SARA is not getting data on disk since disk is full (being cleaned up now). NDGF does not get data on disk since disk is full (can not be cleaned up centrally since NDGF does not use LFC - the only supported catalog for the central deletion tools). NDGF people should do the cleaning (alerted).
LFC	ATLAS are planning a bulk CERN site change to about 60K LFC entries. The consensus was that this is a relative simple operation that should only take a few tens of minutes of real time. To be scheduled!

Current activities – CMS

Experiment	Day	Issue
CMS	Mon	
	Tue	
	Wed	Will continue their T0 to T1 exports to overlap with ATLAS but there is a downtime coming up at FZK.
	Thu	Asking how to get actions from IT on non-urgent issues during long holiday periods such as Easter. The use case there was to allow some dataops team members to access the DAQ worker nodes to look at LSF issues. These are non-urgent requests but which cannot wait for weeks. It was agreed to discuss this at the next F2F ² meeting.
	Fri	

Current activities – ALICE

ALICE	Activity
	Main activities for this week:
	Pass 1 reconstruction of RAW data taken during February/March commissioning exercise (CERN T0)
	Replication of specific RAW datasets to named T2s for fast detector-specific analysis (calibration/software tuning)
	MC production ongoing all centres

Current activities – LHCb

Experiment	Day	Activity
LHCb	Mon	
	Tue	testing their stripping workflow.
	Wed	
	Thu	are evaluating the requirements for local worker node disk space in case they switch to copying production input data to local WN disk rather than reading via remote I/O. Current estimate is 5 GB. They will be running some production to exercise the manpower of their stripping workflow.
	Fri	