

LCG Management Board

Date/Time	Tuesday 23 November 2010 16:00 - 17:00 - Phone Meeting
Agenda	http://indico.cern.ch/conferenceDisplay.py?confId=82017
Members	http://cern.ch/LCG/mb.htm (Version 2 - 02.12.2010)
Participants	Jon Bakken, Ian Bird (chair), Daniele Bonacorsi, Maurice Bouwhuis, David Britton, Tony Cass, Frédérique Chollet, Peter Clarke, Luca Dell'Agnello, Michael Ernst, Ian Fisk, Sue Foffano, Qin Gang, Maria Girone, Denise Heagerty (notes), Gonzalo Merino, Alberto Pace, Bernd Panzer, Harry Renshall, Yves Schutz, Jamie Shiers, Oxana Smirnova, Reda Tafirout, Romain Wartel
Invited	German Cancio, David Collados, Manuel Guijarro, Andrea Valassi
Action List	https://twiki.cern.ch/twiki/bin/view/LCG/MbActionList
Mailing List	https://groups.cern.ch/group/worldwide-lcg-management-board/default.aspx
Archive	
Next Meeting	Tuesday 7 December 2010 16:00 - 18:00 - F2F Meeting

1. Minutes and Matters arising ([Minutes](#))

The minutes of the last meeting were approved.

Following the question raised under AOB at the last meeting Romain Wartel, WLCG Security Officer, clarified security policy related to critical vulnerabilities:

Sites affected by critical vulnerabilities need to apply vendor security patches within 7 days of their availability. In case of non-compliance:

- If mitigation techniques exist and are applied then the criticality of the vulnerability may be reduced (and may no longer be considered critical).
- EGI sites which do not comply will be banned by removal from the BDII.
- WLCG sites which do not comply will be added to a blacklist and the WLCG VOs informed.

2. Action List Review ([List of actions](#))

Tony Cass reported that the 3DWorkshop had discussed possible plans for 'live backups' of critical databases. Some sites are willing to provide LFC backup but a clear policy is required from ATLAS to avoid investment which may not be needed. Tony Cass and Ian Bird will clarify with ATLAS their intentions for Tier-1 databases. This will be a new action and action 100907-1 will be closed.

Action: Tony Cass and Ian Bird to clarify ATLAS intentions for Tier-1 databases (related to investment required for implementing LFC replicas at tier-1 sites).

3. LCG Operations Weekly Report

Summary of status and progress of the LCG Operations. This report covers the WLCG activities since the last MB meeting. All daily meetings summaries are always available here: <https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOperationsMeetings>.

Andrea Valassi presented the slides attached to the agenda. The following comments were noted:

Slide 2: Michael Ernst reported that the OSG network problem (causing timeouts between the OSG and CERN BDIIs) had been solved at the Indiana University campus (between the OSG GOC and Internet2).

Slide 7: the CERN-CNAF transfer failures were due to a fault on the LAN at CNAF. This lasted from the afternoon of 20 Nov until the evening on 21 Nov.

Slide 11: In response to the reason why the ATLAS dcache problem with IN2P3 is not shown on the plot, Frédérique Chollet explained that the problem is load related. Some ATLAS activity has re-started although the problem is not yet understood nor resolved.

4. Feedback from the LHCC meeting

Ian Bird presented the slides attached to the agenda covering feedback from the LHCC meeting held on 17-18 Nov 2010. The LHC may run in 2012 and funding agencies should be warned of this. A decision is expected around the end of Jan 2011 and WLCG needs to prepare for alternative scenarios (with and without a run in 2012). Experiment resource requests will need to be ready for submission to the Apr 2011 C-RRB. A meeting to review these will be planned for Feb 2011 together with the CRSG and LHCC-LCG Referees.

5. Migration from SAM to Nagios for the Experiment VOs

David Collados presented the slides attached to the agenda on the status of the migration from SAM to Nagios for the Experiment VOs. Both SAM and Nagios tests are being run in parallel since the end of Oct 2010 and the goal is to stop the submission of SAM tests during Q1 of 2011. Ian Bird asked for an updated report, based on the Nov and Dec parallel tests, to be presented to the MB in Jan 2011.

David Collados also presented (on slide 7) a timeline for ACE (Availability Computation Engine) development. An update on this was also requested at the MB in Jan 2011.

6. Proposal for a questionnaire on tape metrics

German Cancio presented the slides attached to the agenda proposing to use a questionnaire to review the existing SLS tape metrics. The following comments were noted:

- Slide 4, Availability: Ian Bird clarified that the original goal of the SLS tape monitoring was to check that sites had sufficient tape capacity to meet the data rates, rather than being a measure of availability (which was required by the SLS software).
- Ian Bird requested that a small set of relevant and useful metrics are agreed with the Experiments and that it is checked that sites could provide these.
- Ian Fisk mentioned that he would like a way to check the estimated data loss rate (e.g. due to data corruption or damaged tapes). This could be collected on a longer timescale (e.g. every 6 months) than other metrics.

It was agreed that the proposed questionnaire (attached to the agenda) should be sent and the results reported to the MB in Jan 2011.

7. Network requirements for tier-2 sites

Ian Fisk presented the slides attached to the agenda on the goals and status of the working group on network requirements for tier-2 sites. The draft report of the working group is also attached to the agenda. The following comments were noted:

- Whilst the OPN capacity requirement is linked to the Experiment trigger rates, the network requirements for tier-2s are linked to the activity levels of the Experiments.
- Disk, CPU and network requirements are related and need to be considered together.

The current status is that the OPN group, together with the NRENs, is investigating possible models to support the requirements in the draft report. In terms of funding, network requirements will be included in future resource requests.

8. AOB

8.1 Next meeting

The next meeting will be on Tuesday 7 Dec 2010 (F2F meeting).

9. Summary of New Actions

1. Tony Cass and Ian Bird to clarify ATLAS intentions for Tier-1 databases (related to investment required for implementing LFC replicas at tier-1 sites).