

# LCG Management Board

**Date/Time** Tuesday 7 September 2010 16:00 - 18:00 – F2F Meeting  
**Agenda** <http://indico.cern.ch/conferenceDisplay.py?confId=82006>  
**Members** <http://cern.ch/LCG/mb.htm>

(Version 1 - 13.09.2010)

**Participants** Jon Bakken, Ian Bird (chair), Daniele Bonacorsi, Kors Bos, Maurice Bouwhuis, David Britton, Tony Cass, Marco Cattaneo, Philippe Charpentier, Frédérique Chollet, Peter Clarke, Luca Dell’Agnello, Michael Ernst, Ian Fisk, Sue Foffano, Qin Gang, John Gordon, Denise Heagerty (notes), Andreas Heiss, Pere Mato, Helge Meinhard, Gonzalo Merino, Alberto Pace, Bernd Panzer, Ruth Pordes, Harry Renshall, Markus Schulz, Yves Schutz, Chander Sehgal, Jim Shank, Oxana Smirnova, Reda Tafirout, Jeff Templon, Romain Wartel

**Invited** Domenec Espriu  
**Action List** <https://twiki.cern.ch/twiki/bin/view/LCG/MbActionList>  
**Mailing List Archive** <https://groups.cern.ch/group/worldwide-lcg-management-board/default.aspx>  
**Next Meeting** **Tuesday 28 September 2010 16:00 - 17:00 - Phone Meeting**

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

The minutes of the last meeting were approved.

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

There were no updates to the action list.

## 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>.

The slides attached to the agenda were not presented during the meeting but the following comments were made:

- Maurice Bouwhuis gave an update on the RAC system problem at SARA. This system has been out of operation for around 3 weeks, affecting in particular ATLAS, but also LHCb. Data is currently being restored and the system is expected to be operational in the next day(s). Ian Bird noted that this incident highlights that this is a critical service and live backups of some of the databases needs to be considered for all of the tier1s that support ATLAS.

**Action:** Ian Bird to ask the Database Group at CERN to make a proposal.

- Luca Dell’Agnello noted that SRM tests were failing due to disk space being full. A site does not have control over this as the disks need to be cleaned by the Experiments. Ian Bird suggested that this point is followed by the Operations meeting.

## 4. 1st Version of WLCG usage report

The usage of WLCG resources needs to be reported at the RRB in Oct. In that context, Ian Fisk presented slides attached to the agenda of resource usage extracted from the accounting portal

for all four Experiments. The following comments were noted:

- There was a question as to whether all relevant data had been published in the portal
- The accounting data for August has not yet been officially published. Comments should be sent in the next few days to both Ian Fisk and [icg.office@cern.ch](mailto:icg.office@cern.ch), e.g. on any non-Grid usage.
- Domenic Espriu thanked Ian Fisk for his presentation which he considered useful for the RRB.
- Concerning installed disk capacity, it was noted that this may not be all allocated to Experiments yet.
- It may not be possible to have a uniform set of plots for storage usage by each Experiment.
- ALICE usage is non-homogeneous over time and this is explained in the document attached to the agenda.
- The funding agencies will want to see that their money is being well spent. This requires statements on what can be deduced from numbers presented, e.g. usage of resources compared to pledges.
- In summary, the plots look reasonably close to expected usage however the tier0 usage, which is on average less than tier1s, should be checked for errors in the data.

## 5. How to report 2013 requirements to RRB

Resource requirements for 2013 are needed for the RRB in Oct. Experiments can generate requirements based on their models but this requires the anticipated live time of the accelerator for 2013. Ian Bird will remind Sergio Bertolucci that the live time is needed. Once this is available the Experiments will then need around 1 week to agree their requirements.

## 6. Installed capacity reporting

There is a tool which reports the WLCG installed capacity but the numbers need to be checked by the tier0 and tier1 representatives. The link to the tool where the data is published is <http://gstat-wlcg.cern.ch/apps/capacities/federations/>. Ian Bird requested that correct data is published for tier0 and tier1s by the end of September. The tier1s then need to verify the data of their tier2s.

**Action: tier0 and tier1 representatives to check their published installed capacity data.**

Sue Foffano reminded site representatives that she needs their 2011 and 2012 resource pledges by 30 Sep. This is a hard deadline which cannot be extended.

## 7. AOB

### 7.1 LHCC Referees meeting

The LHCC Referees meeting will be from 13:00 – 15:00 on 21 Sep and will focus on what will be presented to the RRB. The Experiment Computing Coordinators are requested to attend.

### 7.2 Tier2 accounting reports

John Gordon raised the question of which VOs to include in the Tier2 accounting reports. It was agreed that only VOs with pledged WLCG resources should be included.

### 7.3 Normalised CPU figures

Philippe Charpentier requested normalised figures for CPUs to allow easy comparison with the

pledged resources. Tony Cass agreed to present the proposal of the HEPiX virtualisation working group at a future MB with the goal of determining if all Experiments can agree with it.

Action: Tony Cass to present the HEPiX virtualisation working group proposal at a future MB meeting .

#### **7.4 Next meeting: 28 Sep 2010**

The next meeting will be on Tuesday 28 Sep 2010 (phone meeting).

### **8. Summary of New Actions**

1. Ian Bird to ask the Database Group at CERN to make a proposal for live backups of critical databases.
2. Tier0 and tier1 representatives to check their published installed capacity data is correct.
3. Tony Cass to present the HEPiX virtualisation working group proposal at a future MB meeting .