

# LCG Management Board

<b>Date/Time</b>	<b>Tuesday 27 July 2010 16:00 - 17:00 - Phone Meeting</b>
<b>Agenda</b>	<a href="http://indico.cern.ch/conferenceDisplay.py?confId=92521">http://indico.cern.ch/conferenceDisplay.py?confId=92521</a>
<b>Members</b>	<a href="http://cern.ch/LCG/mb.htm">http://cern.ch/LCG/mb.htm</a> (Version 1 - 02.08.2010)
<b>Participants</b>	Jon Bakken, Ian Bird, Daniele Bonacorsi, Maurice Bouwhuis, David Britton, Tony Cass, Frédérique Chollet, Luca Dell'Agnello, Dirk Duellmann, Michael Ernst, Ian Fisk, Qin Gang, John Gordon, Denise Heagerty (notes), Andreas Heiss, Gonzalo Merino, Markus Schulz, Yves Schutz, Jamie Shiers (chair), Oxana Smirnova, Reda Tafirout
<b>Invited</b>	Gavin McCance
<b>Action List</b>	<a href="https://twiki.cern.ch/twiki/bin/view/LCG/MbActionList">https://twiki.cern.ch/twiki/bin/view/LCG/MbActionList</a>
<b>Mailing List</b>	<a href="https://groups.cern.ch/group/worldwide-lcg-management-board/default.aspx">https://groups.cern.ch/group/worldwide-lcg-management-board/default.aspx</a>
<b>Archive</b>	<a href="https://groups.cern.ch/group/worldwide-lcg-management-board/default.aspx">https://groups.cern.ch/group/worldwide-lcg-management-board/default.aspx</a>
<b>Next Meeting</b>	<b>Tuesday 24 August 2010 16:00 - 17:00 - Phone Meeting</b>

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

The minutes of the last meeting were approved.

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

The action list was updated:

- The questions related to the ALICE T0-T1 data transfers via xrootd are an agenda topic of this meeting.
- The creation of a small architectural team has a target date of end of Aug 2010.

## 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>.

Dirk Duellmann presented the slides attached to the agenda page. The following comments were noted:

- Slide 8: CASTOR CMS: per user limits have been put in place for CMS since Mon 26 July.
- Slide 13: Maurice Bouwhuis clarified that the remaining LHCb storage issue was unrelated to the storage problems discussed in the recent Service Incident Report.

Jamie Shiers thanked the service providers for responding well to the incidents and alarms.

## 4. ALICE T0-T1 data transfers via xrootd

Yves Schutz presented slides linked to the agenda page. ALICE are using xrootd for data transfers to Tier-1 sites since the start-up of the LHC in 2010. There is a maximum of 50 concurrent transfers to each Tier-1 site.

As xrootd is not supported by WLCG, ALICE has negotiated its support at each site. Luca Dell'Agnello reported that in the case of CNAF, an official request has not reached him

concerning this. The support of xrootd at some sites relies on a single expert. At CNAF only the ALICE support person had sufficient expertise and is not always available. At GridKA there is a single expert, but supplemented if needed by expertise at GSI (this should provide a reasonable quality but does not guarantee the service levels described in the MOU). At NL-Tier-1 there is no separate xrootd server - the xrootd/dCache implementation is used with a single ALICE contact person. **The ALICE Tier-1 representatives are requested to inform Ian Bird of their position on support for xrootd at their sites.**

FTS allows for sharing of bandwidth by controlling the number of concurrent transfers. Sites need to understand better how the ALICE traffic can be controlled in a similar way, both for the xrootd server and xrootd/dCache. For this, a more detailed technical discussion is needed. Ian Bird suggested that this could possibly take place in the small architectural team which is being created.

ALICE transfers are monitored by Monalisa and since a few weeks can be displayed with Gridview. Monalisa is not a WLCG supported product and there was a question about whether sufficient support is available for the Monalisa software, e.g. in case of the need for a new version for a kernel upgrade.

In conclusion, further follow up on this topic is needed, although not necessarily at the MB.

## 5. AOB

### 5.1 HEPiX Virtualisation Working Group proposal

Tony Cass described the following proposal from the HEPiX Virtualisation Working Group:

One issue for the virtualisation working group is how to allow pilot job frameworks to signal that they have no more work to do so they can be shutdown by the infrastructure. This is then naturally extended to signaling to the job framework when the image will be shutdown – and this might change, e.g. for the cooling issue at CERN the other week.

The proposal is a directory `/etc/machine` features with 3 files:

```
hs06           the HepSpec06 rating for a single core
shutdowntime  the unix timestamp when the image is expected to be ended
shutdowncommand a command that can be issued to signal that the image can be
ended now
```

all of this information is also pretty much relevant for jobs running in real machines. The `hs06` file probably addresses Philippe's comments about missing/misleading/inconsistent cpu ratings.

### 5.2 WLCG input on accounting for the EGI Technical Forum

John Gordon requested input on WLCG requirements for accounting as this topic will be discussed at the next EGI Technical Forum.

### 5.3 Accelerator Schedule

Steve Myers presented a 10 year plan for the accelerator schedule at the ICHEP conference. It includes a 15 month technical stop in 2012. Here is a link to his slides:

<http://indico.cern.ch/contributionDisplay.py?contribId=73&confId=73513>.

#### **5.4 Next meeting: 24 August 2010**

The next meeting will be on Tuesday 24 August 2010 (phone meeting).

### **6. Summary of New Actions**

There were no new actions.