

# LCG Management Board

**Date/Time** Tuesday 15 July 2014 16:00 - 18:00 – Vidyo Meeting

**Agenda** <http://indico.cern.ch/event/3139002> (Version 2 - 18.07.2014)

**Participants** Lothar Bauerdick, Tim Bell, Ian Bird (chair), David Britton, Predrag Buncic, Marco Cattaneo, Frederique Chollet, Peter Clarke, Luca dell'Agnello, Dirk Duellmann, Michael Ernst, Josep Flix, Maria Girone, Andreas Heiss, Burt Holzman, Michel Jouvin, Eric Lancon, Felix Lee, Maarten Litmaath, Helge Meinhard, Richard Mount, Bernd Panzer, Andrea Sciabà, Oxana Smirnova, Reda Tafirout, Romain Wartel

**Invited** Davide Salomoni, Manuel Delfino

**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 16 September 2014 16:00 - 18:00 – Vidyo Meeting

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

The minutes of the last meeting were approved.

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

The following actions have been updated:

- Follow up on glexec deployment to be reported at the September meeting.
- Support for middleware security components; status reported in the Service report; leave action open as there is an ongoing problem with support.

## 3. WLCG Service 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 Sciaba presented the slides attached to the agenda. The following comments were noted:

- Slide 5: Most of the security related middleware has some level of ongoing support, at least until the end of the year; EXCEPT
- Slide 6: ARGUS is no longer supported by SWITCH, and we already have support tickets not being addressed. Discussion within INFN to understand whether they can provide this support. Other partners are encouraged to share some of the support effort if at all possible.
- The gstat tool is no longer necessary for the WLCG operation, and while it is still working without problem, and in use by several sites it is no longer supported. It was agreed that it should be clarified that this is officially unsupported now.

## 4. Draft EC H2020 project proposals for information

Ian Bird introduced the subject, and commented that these 2 projects are draft proposals responding to H2020 calls that close in September. He noted that participation of the WLCG community in H2020 is being strongly encouraged by the European funding agencies, and that this is an opportunity to show that what has been done for WLCG can have important relevance outside HEP. The proposals can be of benefit to HEP as they are aimed at developing the underlying infrastructures for the future. He also clarified that while these calls and proposals are not responding to or being driven by experiment requirements as such, it is nevertheless important to understand that they address aspects of the services that are relevant for the long term. Thus it is important that the WLCG collaboration understands these proposals and engages with the projects if they are approved.

- ZEPHYR (Data Backbone) – Manuel Delfino. Manuel presented the idea behind the project which is to prototype architectures for scaling data archives for the Zetabyte scale on the 10-year horizon, which will be required by the European Tier 1 sites who will also support many data intensive science projects in astronomy, cosmology, lifesciences, in addition to LHC. Project partners are essentially the European Tier 1 sites and DESY and CERN. Project is aiming for 36 months.
- Data Cloud – Davide Salomoni. Davide presented an outline of the Data cloud project which addresses how to make IaaS and PaaS useful to the science communities. The proposal has the engagement of a large number of sciences. It was commented that there are a large number of partners. However, should be a technology-based project. It is required for the call to have such a large engagement. An alternative would be to reduce the scope and reduce participants but wouldn't cover the text of the call. The proposal is for a 30 month project.

Ian encouraged the MB to send comments and suggestions to the proposal coordinators or to the MB.

## 5. Prioritisation of work topics

Ian Bird presented the slides attached to the agenda, outlining the need for some coordination of work in several areas. These include:

- Optimisation of performance, and the need for clear and useful metrics. Broad agreement that this is important. Ian will draft a scope and mandate for such a work group. Richard Mount commented that metrics that better reflected the actual costs would be very useful.
- Operations cost – try to understand where the main costs in effort for operations are, and to understand where it would be useful to focus in reducing costs.
- Optimising the use of smaller sites. Perhaps using BOINC or similar and building on the work in the experiments. Is there some common service that we can provide?
- Clarifying cloud strategy – not a technical activity but rather to clarify how we intend to access compute resources at sites, avoiding the current proliferation of mechanisms, and at what level batch systems and scheduling are needed. This is coupled with the need to clarify how we will do accounting and manage quotas in the future.
- Ian listed a few other potential topics for consideration of the MB.
- Finally, there is a clear need to coordinate what work is needed to plan for Run 3 and Run 4. The idea to have a series of brainstorming workshops was discussed with the computing coordinators, and again there was broad agreement to start such an activity.

## 6. Procurement topics

Ian Bird reported on some discussions that had happened with the EC in the context of Helix Nebula. There are some ideas that later this year there may be an EC call through which large scale procurements could be organised to the benefit of the sites, including potentially additional resources. This will be followed up in a dedicated workshop once the EC had clarified what is possible.

## 7. AOB

### 7.1 Next meeting

The next meeting will be on Tuesday 16 September 2014 (video meeting).

## 8. Summary of New Actions