LHC Computing Grid Project
Minutes GDB Meeting
8 July 2003

Alberto Masoni, 08-07-2003

COUNTRY	MEMBER	Part.	DEPUTY	Part.
Austria	Dietmar Kuhn	Yes		
Canada	Randy Sobie	no	Robert McPherson	no
Czech Republic	Milos Lokajicek	yes		
Denmark	John Renner Hansen	no	Anders Waananen	no
Finland	Klaus Lindberg	no		
France	Denis Linglin	Yes	Thomas Kachelhoffer	no
Germany	Klaus-Peter Mickel	yes	Holger Marten	no
Hungary	Andras Benczur	no	G.Vesztergombi	Yes
India	D.D.Bhawalkar	no	P.S Dhekne	no
Italy	Federico Ruggieri	yes	Luciano Gaido	no
Japan	Hiroshi Sakamoto	yes	Tatsuo Kawamoto	no
Netherlands	Kors Bos	No	Arjen Van Rijn	no
Poland	Michal Turala	no	Jan Krolikowski	no
Portugal	Gaspar Barriera	no	J. Gomes	no
Russia	Slava Ilyin	no	V.Korenkov	no
Spain	Manuel Delfino	no	A. Pacheco	yes
Sweden	Anders Ynnerman	no	Niclas Andersson	Yes
Switzerland	Christoph Grab	Yes (phone)	Allan Clark, Marie-Christine Sawley	no
Taiwan	Simon Lin	Yes (phone)	Di Qing	no
United Kingdom	John Gordon	Yes	Steve Lloyd (repl by T. Daniels)	yes
United States	Vicky White	Yes (phone)	Bruce Gibbard	no
CERN	Wolfgang von Rüden	yes		
ALICE	Yves Schutz	no	Alberto Masoni	yes

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	Federico Carminati	yes		
ATLAS	Gilbert Poulard	Yes	Laura Perini	no
	Dario Barberis	No		
CMS	Tony Wildish	yes		
	David Stickland	no		
LHCb	U. Marconi	No	Andrei Tsaregordtsev	no
	Nick Brook	Yes		
Project Leader	Les Robertson	no		
GDB Chair	Mirco Mazzucato	Yes		
GDB Secretary	Alberto Masoni	Yes		
Grid Deployment Mgr	Ian Bird	Yes		
Fabric Manager	Bernd Panzer	No		
Appl. Manager	Torre Wenaus	No	Oxana Smirnova	no
Chief Tech. Officer	David Foster	no		
SC2 Chair	Matthias Kasemann	yes		
Work Group Tech. Support	David Kelsey, Tony Cass	Yes		

Fabrizio Gagliardi, Erwin Laure (phone), Jamie Shiers
Apologies: Michal Turala

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Meeting Agenda

See the agenda at: http://agenda.cern.ch/fullAgenda.php?ida=a03922

Minutes of previous meeting and communications

The minutes of the previous meeting were approved.

Status of LCG-1 deployment (see transparencies) Bird I.

Ian reported on the state of LCG-1 preparation and deployment. Although the delivery of the middleware from EDG is late, there is still a strong intention to deploy the service to the 10 Tier 1 sites by the end of July. To this end the deployment process has started in parallel with finalising and resolving issues with the middleware distribution. It is hoped that the experiments can be involved by the end of August.

Ian pointed out that 8 of the 10 sites had successfully installed LCG-0. Moscow had not, but was intending to deploy LCG-1 and staff from Moscow is working directly with the LCG team to prepare this. Denis Linglin reported that Lyon had had some issues with providing sufficient support to install LCG-0 in addition to running the EDG test-beds.

(After the meeting this issue had been resolved and Denis confirmed that Lyon would indeed participate in LCG-1 from the July deployment).

Ian suggested that we should begin to plan for bringing additional sites into LCG-1 once the initial deployment was complete. This should include the remaining countries that have committed resources for 1Q04 (Czech Republic, Hungary, Netherlands, Poland, Spain, Sweden, Switzerland), and Tier 2 centres from at least UK, USA and Italy (and others if ready). The Tier 2 centres will be supported by the relevant Tier 1s with LCG team as second level support.

Action on National GDB members:
Provide the following information for new countries and for Tier 2s:
–Propose sites (for Tier 2s)
–Date when site is ready to join LCG-1
–Contacts at site: system manager and security contact
- **For Tier 2 need also name of responsible Tier 1 person who will coordinate**

Wolfang von Rueden raised the issue of the project having a common statement for the press. In particular the recent "Guardian" article and a CERN Council press release announcing the LCG-1 deployment was already causing a great deal of pressure from the press and the partners' press offices.

Action: An appropriate statement will be prepared by Ian and Wolfang, circulated within the GDB and taken as a reference.

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This action was completed on 11/7/03 and the statement sent to GDB and POB members. It is posted on the LCG web page.

Update on security policies in the U.S. (see transparencies) White, V

DOE sites have agreed to the interpretation that their current contracts DO NOT REQUIRE detailed registration information for non-US citizens. Specifically, the current agreement is that no US site will require citizenship to be reported in order to grant users access to US resources.

This was welcomed as extremely important and means that LCG can begin with a common set of agreed user information provided to all sites.

Within the DOE many of these issues are under discussion and it is very likely that this situation may change in the near future, with more information being required by US (DOE) sites.

Security Group papers (see attached documents) Kelsey, D

The following papers were presented for approval following discussions at previous GDB meetings:

1. Rules for Use of LCG-1 CERN-LCG-GDB-2003-036
   The rules were **approved**
2. Audit Requirements CERN-LCG-GDB-2003-037
   The requirements were **approved**.
   Action on GDB National Representatives: ensure that Audit Requirements are implemented (deadline end of July)
3. Incident Response CERN-LCG-GDB-2003-038
   The procedures were **approved**
   Action on GDB National Representatives: Ensure that the list of people (nationally) to be contacted in case of security incidents is correct and provided to the LCG Security group (Dave Kelsey). Deadline end of July
4. User Registration/VO Management CERN-LCG-GDB-2003-039
   The mechanism for the remainder of 2003 was **approved.**
   Action on Dave and Ian to prepare for December a proposal for a long-term solution.
   Specific action on CMS to replace next year the current VO manager Andrea Sciaba

The documents are available at
http://lcg.web.cern.ch/LCG/Documents/default.htm#GDB%20documents

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Dave also reported that the user registration and security web sites have been set up and are being tested.

Setting up Oracle services at Tier-1 centres (see transparencies) Shiers, J.

Main points: Oracle licensing for LCG is a solved issue, distribution kits and documentations are ready. Initial testing with the first remote Tier-1 has started. Other Tier-1s will follow.
Cern will provide distribution kits for Oracle s/w for RHEL together with automatic installation scripts and documentation.

Jamie and the LCG team made the proposal that LCG use Oracle as the database backend for the RLS services at all the Tier 1 sites.

Action on GDB National Representatives: nominate contacts for Oracle installation at Tier1s and provide feedback on the proposal.

Report from ALICE (see transparencies) Carminati, F.

Update of Data Challenge plans, more refined requirements evaluation. A new version of the ALICE Data Challenge plan will be presented to the PEB very soon.
Alice will use LCG resources for the Physics Data Challenge 3 starting in January (as scheduled).
The ALICE cpu requirements exceed those declared available to ALICE through LCG but it should be remembered that these numbers assume the most conservative case, i.e. assuming simultaneous use of the LCG resources by the four experiments. Assuming that an experiment could use the LCG resources not used by the others, and taking into account the current DC schedules of the four experiments this deficit should not represent a major problem .
The production will be started via AliEn, the analysis will be done via Root/Proof/AliEn. LCG-1 will be one CE of AliEn, and AliEn should integrate the LCG and non-LCG resources. ALICE will use LCG-1 as much as it is feasible and strongly rely on LCG resources. If LCG-1 underperforms ALICE would lack resources and the PDC-3 will be jeopardised .

Grid Operation Centre revised proposal (see attached documents) Gordon, J. ; Daniels, T.

This revised proposal addresses the criticisms of the previous proposal, namely to focus on services, and to take into account the Federal Nature of LCG

Key changes in the revised proposal:

Focus on Grid critical services (UI,RB,JSS,LB,IS,CE,SE,RC,GSI)
Identify service levels: schedule, avalaibility, reliability, performance
Service level agreement

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Monitoring service quality

An action was taken at the last meeting to create a GOC task force. This group has been created. Several people are already identified: Trevor Daniels (RAL,convenor), Markus Schutz (CERN), John Gordon (RAL), Rolf Rumler (IN2P3), Cristina Vistoli (INFN to be confirmed), US members (to be identified). It was noted that the INFN member had not confirmed, and that there had been no response from the US.

Action on Mirco: get confirmation from Cristina Vistoli (since confirmed – 11/7/03)
Action on Vicky: propose US members of the task force.

Next meetings

- 9/9 CERN
- 9/10 (Chicago connected to GGF)
- 10/11 CERN
- 2/12 CERN

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Action List GDB meeting 8/07/03

Pending actions from the previous meeting

Action	*Responsible*
LCG Security : nominate technical experts to the security group	GDB members **Action open**
LCG Computing Resources - To establish some guidelines in providing the information from the computing centers & send the requests by e-mail within two weeks	Bernd Panzer & Exp. Representatives **Action open**
LCG Computing Resources - to establish a WEB form with the required information to be filled by the GDB National Representatives	Bernd Panzer & Les Robertson **Action open**
LCG Computing Resources - **To provide the information requested according the guidelines established above**	National GDB members **Action open**
LCG Computing Resources - To ensure that each country will convey the information to the GDB representative and provide detailed schedule of their computing needs for their Data Challenges	Exp. Representatives **Action open**
LCG Security A Proposal for User Registration – Registration Authorities will be presented by 23/06 for approval at the next GDB meeting (8/07)	Dave Kelsey **DONE**
LCG Security User Rules, Incident Response and Audit logs: paper by 23/06 for approval at the next GDB meeting (8/07)	Dave Kelsey **DONE**
Grid Operation Centre (GOC) – To create a task force by identifying a small group of experts to define the requirements and to agree on a prototype for Grid Operation Services. **Update After GDB meeting 08/07/03:** provide confirmation from Cristina Vistoli (Mirco) and definition of US members (Vicky)	Ian Bird **Several group components identified , see on the left to complete** **Action open**
WG5 User Support - To provide a schema for a first level user support within the experiment (for July GDB)	Exp. Representatives **Action open**
Provide a formal procedure for document numbering with specific references for the documents.	GDB secretary **DONE**

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New actions

Action	*Responsible*
LCG Security Provide the following information for new countries and for Tier 2s: –Propose sites (for Tier 2s) –Date when site is ready to join LCG-1 –Contacts at site: system manager and security contact •For Tier 2 need also name of responsible Tier 1 person who will coordinate the deployment	National GDB members
Press Releases on LCG-1 status: An appropriate statement will be prepared by Ian and Wolfang, circulated within the GDB and taken as a reference	Ian Bird, Wolfang von Rueden **Done** 11/7/03
LCG Security ensure that Audit Requirements are implemented (deadline end of July)	National GDB members
LCG Security Ensure that the list of people (nationally) to be contacted in case of security incidents is correct and provided to the LCG Security group Deadline end of July	National GDB members
LCG Security prepare proposal for long-term User Registration/VO Management (Deadline end of 2003)	Ian Bird, Dave Kelsey
LCG Security to replace for next year current VO manager Andrea Sciaba	CMS representative
Oracle at LCG sites nominate contacts for Oracle installation at Tier1s and provide feedback on the proposal	National GDB members
Next meetings to confirm and provide details for the October GDB meeting in Chicago	Vicky White