

**Alberto Masoni, 18-05-2004**

<b>COUNTRY</b>	<b>MEMBER</b>	<b>Part.</b>	<b>DEPUTY</b>	<b>Part.</b>
Austria	Dietmar Kuhn	Yes		
Canada	Randy Sobie		Mike Vetterli	
Czech Republic	Milos Lokajicek	Yes		
Denmark	John Renner Hansen		Anders Waananen	
Finland	Klaus Lindberg		Jukka Klem	
France	Denis Linglin		Fabio Hernandez	
Germany	Klaus-Peter Mickel	Yes	Holger Marten	
Hungary	Andras Benczur		Gyorgy Vesztergombi	
India	D.D.Bhawalkar		P.S Dhekne	
Italy	Federico Ruggieri		Luciano Gaido	Yes
Japan	Hiroshi Sakamoto	Yes	Tatsuo Kawamoto	
Netherlands	Kors Bos	Yes	Arjen Van Rijn	
Poland	Michal Turala	Yes	Jan Krolikowski	
Portugal	Gaspar Barriera		J. Gomes	
Russia	Slava Ilyin		V.Korenkov	
Spain	Manuel Delfino	Yes	A. Pacheco	yes
Sweden	Anders Ynnerman		Niclas Andersson	Yes
Switzerland	Christoph Grab		Allan Clark, Marie-Christine Sawley	
Taipei	Simon Lin		Di Qing	
United Kingdom	John Gordon	Yes	Steve Lloyd	
United States	Vicky White	Yes	Bruce Gibbard	
CERN	Tony Cass	Yes		
ALICE	Yves Schutz		Alberto Masoni	yes
	Federico Carminati	Yes		
ATLAS	Gilbert Poulard	Yes	Laura Perini	Yes
	Dario Barberis	Yes		

CMS	Tony Wildish			
	David Stickland			
LHCb	U. Marconi		Andrei saregordtsev	
	Nick Brook			
Project Leader	Les Robertson	Yes		
GDB Chair	Mirco Mazzucato	Yes		
GDB Secretary	Alberto Masoni	Yes		
Grid Deployment Mgr	Ian Bird	Yes		
Fabric Manager	Bernd Panzer			
Appl. Manager	Torre Wenaus			
Chief Tech. Officer	David Foster			
SC2 Chair	Matthias Kasemann	Yes		
Work Group Tech. Support	David Kelsey, Tony Cass	Yes Yes		

## Meeting Agenda

See the agenda at:

<http://agenda.cern.ch/fullAgenda.php?ida=a04113>

## Wellcome from the UAB Vice-Rector for strategic projects

## Minutes of previous meeting and communications

The minutes of the previous meeting were approved.

## Next meetings:

- 2004 meetings:
  - June 15 CERN
  - July 13 CERN
  - 
  - September 8 CERN
  - October 20 Amsterdam
  - November 17 CERN
  - December 15 CERN

## Report from Security Group: Update of User Registration/VO management (D. Kelsey)

(See slides on the web)

Brief report on the 3 security meetings held since the last GDB (see slides)

Three GOC documents presented by T. Daniels at the March GDB meeting received no comments.

**They are formally approved now by the GDB.**

New Grid PMA formed and met 1st April

Terena CA repository of certificates is active

US DOE close to acting as “catch all” CA for US

CNRS continues as EGEE catch all CA

EGEE security: two security groups: EGEE middleware security (Ake Edlund Jra3) and a SA1 site security (lead by Dave Kelsey).

There is a need to make a security policy that can be applied to a more general environment.

LCG and EGEE are overlapping communities operation issues should be handled in coordinated way.

**The recommendation for the GDB is to have an EGEE-LCG joint security group. The group will be called “Joint Security Group”**

User Registration Requirements: lots of feedback provided, several updated version of the document. The latest version: V2.6 was distributed on May 13.

The user registration doc will be renamed as “VO membership management”

An important requirement is the use of existing VO databases. One of the main concerns is how to deal with users not registered at CERN and how to handle exceptions.

A user registration task force was formed, as decided at the March GDB. A proposal will be presented for the July GDB.

## **Status of Phase 2 plan and MoU (L. Robertson)**

The Computing MoU defines a collaboration amongst CERN Tier0/1 centre the other Tier1s and qualifying Tier2 centres.

There should be a Resource Allocation Committee that should try to match the LHCC recommendations with the resources declared available by regional centres.

The overall Tier-0/1/2 model was presented (see slides)

Phase 2 planning timetable

Draft MoU October 2004

Experiments decide the basic elements of their computing model end 2004

Draft TDR February 2005

Phase 2 planning: high level plan for ramping up the Tier-1s and the large Tier-2 centres.

**A Phase 2 Planning team should be formed**

**Two people from LCG management team**

**One person per experiment**

**A few people from Regional Centres**

**Request for volunteers**

**First version of the plan should be available by the end of September 2004**

**The Experiment estimates should be reviewed by LHCC (action on Les)**

## **Lessons from Data Challenges (I. Bird)**

LCG-2 has now about 4000 cpus most of the resources is concentrated at core sites (see slides).

The disk resources are more critical.

Services have been quite stable

RLS performances are poor (CMS report) . Most problems are related in the POOL-RLS interaction. Many fixes were done during the DC.

Missing components

A full Storage element is missing

Assumption of real operational management by GOCs is also missing

We have no accounting for the resources used in the Data Challenges

User call centre: lack of take up

Monitoring: lack of consistency between advertised and available resources at sites.

**A proposal was presented for a new GDA team, from among the Tier-1 and the large Tier-2 centres ,devoted to write a service plan, monitor its progress and provide the resources to fulfils the plan.**

**Action on Ian to summarize and circulate schematic proposal**

**Action on GDB members to suggest name of people to Ian. to be part of the group**

### **ALICE Data Challenge Report (F. Carminati)**

(see slides)

### **Interoperability (V. White)**

(see slides)

the US contribution to CMS DC04 was shown. US CMS is testing the sharing and publication of computing resources of LCG and Grid3.

It was recognized the need to solve quickly basic interoperability issues between LCG and Grid3.

**Action on ATLAS and CMS to define in a short document (1-2) their requirements for interoperation of LCG and Grid3 and concerning, storage interface (SRM?), file and collection replication (Unique or different catalogs), Computing Element (many or unique CE interface)**

**Then Vicky will address those issue with the interoperability group**

**A specific statement concerning the file catalogue should be specified (July GDB).**

### **Action list**

#### **Actions from previous meetings**

<i>Action</i>	<i>Responsible</i>
<b>LCG Security</b> ensure that Audit Requirements are implemented (deadline end of July)	National GDB members <b>New Action on John Gordon to make a survey of sites</b>
<b>LCG Security</b> 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 <b>Action to be verified</b>
<b>LCG Security</b> to replace for next year current VO manager Andrea Sciaba	CMS representative <b>Action open</b>
<b>Grid Deployment</b> to constitute a group that will look for installation tools to be used on top of existing systems and to	Ian Bird <b>Action closed</b>

analyse costs and benefits of the different possible solutions. Announcement will be put on the web.	
<b>Grid Deployment</b> to appoint someone to take part of the installation tools group	National GDB members  <b>Action open</b>
<b>Grid Deployment</b> to constitute a group and find the manpower for a solution to access MSS (usable for the experiments Data Challenges in 2004)	Ian Bird  <b>Action closed</b>
<b>LCG Security</b> prepare proposal for long-term User Registration/VO Management and Authorization following the results of the SEC Workshop and the GDB 13-01-04 recommendations	Dave Kelsey <b>done</b>
<b>GUS and Call Centre</b> - organize a meeting in the next weeks with the participation of the Experiment Representatives, the GOC and the CERN team and to report at the February GDB	Klaus-Peter Mickel <b>done</b>
<b>Interoperability</b> - present a set of recommendations for the March GDB meeting	Vicky White <b>Presented at the May GDB meeting</b>
<b>LCG Resources</b> - ensure that experiments requests funding/allocation go through the appropriate process in each country	Experiment representatives <b>Action closed</b>
<b>LCG Resources</b> - report the experiment allocations to the GDB (Bernd Panzer) who maintains the master database	National GDB members <b>Action closed</b>
<b>Grid Deployment</b> to organize a meeting between the deployment group and the RGMA developers and to prepare a plan for RGMA implementation in LCG2. The plan should be presented at the March GDB meeting <b>RGMA will be part of the new release, status report at the next GDB by Ian</b>	John Gordon, Markus Schulz <b>Action closed</b> <b>New action on RGMA</b>
<b>Grid Operation Centre (GOC)</b> – to ensure that the accounting system will be operational at the beginning of February, in order to use it for the Experiments’ s Data Challenges. The sites are responsible for sending the logging schema information to the central database.	John Gordon National GDB members <b>Action open</b> <b>Report at June GDB</b>
<b>GUS and Call Centre</b> – ensure that the relevant people from the experiment evaluate the support system and provide feedback. A meeting is foreseen for the March GDB	Experiment representatives <b>done</b>
<b>Grid Deployment</b> provide requirements for the development of general mirror procedure for the experiments software starting from a single worker node	Site representatives, Flavia Donno

installation	<b>Action closed</b> <b>Open action on delivery a solution</b>
--------------	---

### New actions

<b>Action</b>	<b>Responsible</b>
<b>LCG Security</b> to finalize and circulate User. Reg. Document	Dave Kelsey <b>Action closed</b>
<b>LCG Security</b> to send response to Ian Neilson questionnaire concerning IP connectivity on WN through security contacts	GDB members <b>Action closed</b>
<b>LCG Security</b> to provide feedback on the security document 2.1	GDB members <b>Action closed</b>
<b>LCG Security</b> to propose a joint team CERN, FNAL, Sites within the security Group to define the technology and plan, to implement LCG security policies (within 1 month)	Dave Kelsey <b>Done</b>
<b>Requests from POB</b> to have a Search committee for the GDB chair election, names to be sent to Les before the May GDB meeting	GDB National members <b>Done</b>
<b>Grid Deployment</b> to make available the committed resources on LCG-2	GDB National members <b>Done</b>
<b>Grid Deployment</b> to organize discussion to make practical recommendation on how to organize CE, queues and info providers in LCG	Ian Bird <b>Action open</b>
<b>Grid Deployment</b> to define working team to port LCG M/W to new operating systems: M/W to RHEL, Fedora and IA64	GDB members <b>Done</b> <b>New action: to report on progress</b>
<b>Grid Operation Centre (GOC)</b> read the 3 SLA documents prepared by T. Daniels (see on the web) and provide feedback via mail.	Experiment representatives <b>Done</b>
<b>LCG Resources</b> – to publish on the GDB web page the available information on resources committed by centres	Bernd Panzer <b>done</b>
<b>LCG-HP relationship</b> – to keep contacts with HP and prepare the terms of agreement for HP participation to LCG	Ian Bird, Mirco Mazzucato <b>Action open</b>