Alberto Masoni, 8-05- 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.Vesztergomby	Yes
India	D.D.Bhawalkar	no	P.S Dhekne	no
Italy	Federico Ruggieri	no	Luciano Gaido	no
Japan	Hiroshi Sakamoto	no	Tatsuo Kawamoto	yes
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	yes
Spain	Manuel Delfino	Yes	A. Pacheco	
Sweden	Anders Ynnerman	No	Niclas Andersson	
Switzerland	Christoph Grab	No	Allan Clark, Marie-Christine Sawley	no
Taiwan	Simon Lin	Yes	Di Qing	yes
United Kingdom	John Gordon	Yes	Steve Lloyd	no
United States	Vicky White	no	(repl. by L. Bouerdick) Bruce Gibbard	no
CERN	Wolfgang von Rüden	yes		
ALICE	Yves Schutz	yes	Alberto Masoni	yes
	Federico Carminati	no		
ATLAS	Gilbert Poulard	Yes	Laura Perini	yes

	Dario Barberis	yes		
CMS	Tony Wildish	yes		
	David Stickland	Yes		
LHCb	U. Marconi	yes	Andrei Tsaregordtsev	no
	Nick Brook	yes		
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	yes		
Appl. Manager	Torre Wenaus	No	Oxana Smirnova	yes
Chief Tech. Officer	David Foster	yes		
SC2 Chair	Matthias Kasemann	yes		
Work Group Tech. Support	David Kelsey, Tony Cass	Yes		

Fabrizio Gagliardi, E. Laure

Apologies received from: Federico Ruggieri, Kors Bos, Slava Ilyin

Meeting Agenda

11:00 Grid File Access Library (45') (document)
Foster, D
Presentation of the solution, manpower and work-plan Discussion and Agreement of the specification: set of commands, SRM interfaces, Supported file access protocols…..
(Document on the WEB for the end of April available on the GTA page)

11:45 Security (45') Kelsey, D
GDB should agree on trust policies. In particular should solve the issue of Kerberos based systems like FNAL and EU PKI based CA. Preliminary list of issues to be discussed and approved in June

Web portal for Grid User Support Klaus Peter Mickel

12:30 Grid Operation (45') Bird I.
Preliminary list of assumption of responsibility for
Infrastructure Centers Operation Centers Support Centers
(Document on the WEB for end of May)

13:15 Lunch break

15:00 Status report from CMS (1h00')
How experiment are preparing for LCG-1
Needed services
Activity plans
Criteria to judge LCG a success

16:00 Status of task forces to solve LCG issues (1h00')
Bird I.

Minutes of previous meeting and communications

The minutes of the previous meeting were approved. The issue raised by Vicky on the LCG Security team is scheduled to be discussed during the LCG security section.

Fabrizio Gagliardi briefly reported on the status of the EGEE project. The proposal has been submitted. Reactions are expected by the end of June. A good synergy between EGEE and LCG is expected, thanks also to the participation, in the EGEE Executive Committee, of several people directly involved in the LCG management.

Grid File Access Library Dave Foster, (see slides on the agenda)

Issues:
The use of RFIO was explicitly discussed and accepted by the GDB.
The overall plan to implement GFAL was presented, first prototype should be in June, in time for LCG-1.
Dave Foster presented the conclusions of the current evaluation and the proposed solution. It is base don an open source software called LUFS

The question of maintenance responsibility was raised, in particular about LUFS. There should be an explicit responsibility commitment by an LCG institute. A discussion started on short and long term maintenance issues.
It was clarified that the target of this activity concerns essentially LCG-1. It answers to a specific need and has a very tight time schedule.
At the same time, especially as far as the support is concerned, the need for a roadmap and a long term view becomes relevant.

The outcome of the discussion was the following:

- short term: distribute a short technical document, describing the LCG-1 solution and covering the support aspects.
- medium term: define a roadmap by September (when the status of the EGEE project will be clarified), in order to allow for resources allocation in an appropriate way. The setting up of user requirements should be done within the GAG, as decided within the SC2. For the system requirements an appropriate RTAG should start.

Action on Dave Foster circulate a technical document, this should cover the support aspects (see e-mail circulated to GDB and attached to the minutes).
The GDB recommends SC2 to activate a RTAG in SC2 on system requirements in order to converge on a roadmap for September.

Security Dave Kelsey (see slides)

The points raised by Vicky are discussed (see Mirco's slides attached to Communications). The procedure for the LCG Security team has been formally set up since the February GDB meeting.

The mandate (presented at the GDB on 10/04/03) was discussed again, within Dave's presentation, and the issues in Vicky's mail were addressed. The experiments and site security experts are represented within the group.
The group should make a proposal for rules to be approved by GDB (whose members will discuss it with their site security responsible).
Main issues:
Authentication

Who defines the list of trusted CAs?
How to introduce new types of CA?
EDG CA: 18 on the trusted list, under development: Belgium, FNAL, Hungary, Taiwan *{what does this mean – that FNAL and Taiwan are being added to the EDG CA list? Or that the list proposed includes the EDG CA and the others mentioned??}*

Recommendations to GDB on CA

1. LCG-1 SEC Group proposes the list of accepted Cas from:
    i. The list of traditional CA's from the EDG CA Group
    ii. The list for additional CA's (New CA's, special cases, short-lived)
2. The GDB approves both lists
3. The proposed additions to these lists will be circulated within the LCG-1 site security contacts and then to GDB for approval by mail before implementation. A procedure will be specified by the security group.
4. LCG-1 operations group maintains the necessary information (certificates, signing policy…) and distribution mechanisms for CA's on both lists.
5. All LCG-1 resources will install this information.

Action on Dave Kelsey to circulate (ASAP) to GDB members for approval the Recommendations list as above (with some updates agreed in the discussion)
Action on GDB members to approve or reject these recommendations for the next meeting

User Registration Personal Information
Process for July 03

User registers as an LCG user with the LCG-1 Registration Web page
The list of users starts from an empty list
Registration will have a short expiry date
    Proposed 6 months
User personal information: Name, Institute, e-mail, experiment, …..,
    FNAL requires in addition Nationality, date of birth and place of birth
    This raises privacy concerns (Karlsruhe, BNL, CERN, RAL)

Action on National GDB members for each site should provide to Dave Kelsey the following information concerning the Registration procedures :

- What information is required?
- Is this required for pre-registration?
    - i.e. before creation of an account

- or just available for access following a specific incident
- Why is the particularly sensitive information needed?
- Can the policy requiring this information be changed?

Manuel Delfino proposed that identity should be certified by the employer (who has and legally keeps the privacy related data). This could solve the privacy issue.
The conflict between security needs and privacy rules does not have a straightforward solution,

Proposal for Registration procedures (see slides)
Need for a LCG-1 Registration Authority
Need to map Institutes to Registration Authorities
The RA Confirms that the person issuing the request is allowed to join LCG-1 and that the information provided is correct
Request to GDB: ask each national representative
to nominate 1 or 2 individuals to act as regional RA
to define a list of Institutes to be supported by the RA

In the discussion on this point it appeared that a critical point is not only to make the list but also to maintain it (how to remove people who left the Institute)

Proposed procedure (see slides):
A user applies indicating his Institute. Each Institute is associated with a Regional RA that will take charge of contacting the Institute and getting confirmation of the data provided by the user.

Proposal for July 2003 for what concern the experiments (see slides):
Continue with the existing VO databases and servers run by NIKHEF (for EDG) with the existing VO managers.

In the discussion on this point it appeared that the main limit of this solution is related to the fact that the current lists were built for a relatively small test system. The current aim is at a worldwide scale production system.

The outcome of the discussion on Registration Procedure was the following

Action on Dave Kelsey & experiment representatives
check the procedure for registration within the exp. VO
provide, reasonably in advance for the next meeting, a uniform registration procedure to be used for July 2003.
Provide a long term registration procedure

Web portal for Grid User Support Klaus Peter Mickel (see slides)

Grid Operation Ian Bird (see slides and document attached to the agenda)
GDB agrees to have the main services at CERN for LCG-1

Status report from CMS Dave Stickland (see slides attached)

CMS productions in preparation for DC04 (PCP) will run both on CMS dedicated and LCG resources according to availability. The goal is to be capable to be based entirely, or almost entirely, on LCG-1 resources by the end of 2003. DC04 in spring will be based on LCG-1

Status of task forces to solve LCG issues Ian Bird

(see slides and document attached to the agenda)

Action on John Gordon report of Grid Operation centre implementation plan for the next meeting

Format of the next meetings

After a short discussion it has been decided to keep the present form.

Next meetings

- 10/6 CERN 11-18
- 8/7 (RAL)
  - the meeting will be at Coseners House (network connection is ensured) a visit to RAL Tier-1 could be arranged
- 9/9 CERN
- 9/10 (Chicago connected to GGF)
- 10/11 CERN
- 2/12 CERN

Action List

Pending actions from the previous meeting

Action	*Responsible*
Make a plan for the next meetings, available in advance on the web, that takes into account of the deployment schedule and the problems to be solved, allowing for the involvement of resources available worldwide	GDB Chair & Secretary **Done**
Grid file access: Opinions/comments to be sent on the presented proposal within 15 days	GDB members **Action closed**
Grid file access: Implementation proposal at the next GDB	David Foster

quantifying the effort required and explaining who will do the work	**Done (see below new actions)**
LCG Security : nominate technical experts to the security group	GDB members **Action open**
LCG Security : prepare a list of the relevant issues, to be presented at May meeting, circulate a specific proposal by the end of May to allow for an appropriate discussion at the June meeting	Dave Kelsey **Replaced by new actions (see below)**
Operation centre : Initial description and definition of the Operation Centre for LCG available for May meeting. Work-plan report for June GDB meeting. Initial prototype (with a single monitoring centre) for July 2003.	John Gordon / RAL **Action open**
WG5: progress report for the June meeting	Klaus-Peter Mickel **Action open**

New actions

Action	*Responsible*
Grid file access circulate a technical document, this should cover the support aspects	David Foster **Action closed (see e-mail attached to the minutes)**
LCG Security : to circulate (ASAP) to GDB members for approval the list of proposed CAs presented at the meeting (with some updates agreed in the discussion)	Dave Kelsey
LCG Security : to prepare for approval or rejection of the above CA list for the next meeting	GDB members
LCG Security : each site should provide for Registration: - What info is required? - Is this required for pre-registration? o i.e. before creation of an account? o or just access following a specific incident? - Why do you need the (particularly sensitive) info? - Can the policy be changed?	National GDB members
LCG Security : check the procedure for registration within the exp. VO, provide, reasonably in advance for the next meeting, a uniform registration procedure to be used for July 2003. Provide a long term registration procedure	Dave Kelsey & Exp. Representatives