

Meeting Object: **PEB**

Editor(s): **Bob Jones, Marc-Eliañ Bégin**

Meeting Date: **1/11/2004**

Meeting Place: **CERN, 600-R-002 + Phone**

Attendees: NA1: Fabrizio Gagliardi, Bob Jones, Marc-Eliañ Begin,  
NA2: Licia Florio,  
NA3: David Fergusson  
NA4: Vincent Breton, Frank Harris, Massimo Lamanna  
NA5: Matti Heikkurinen  
SA1: Ian Bird, Cristina Vistoli (phone),  
SA2: Jean-Paul Gautier  
JRA1: Frederic Hemmer,  
JRA2: Gabriel Zaquine, Alberto Aimar,  
JRA3: Ake Edlund,  
JRA4: Kostas Kavoussanakis  
EGEE-02 Local Organiser: Lodewijk Bos

Apologies: JRA4: Peter Clarke

Absent:

Distribution: PEB Members

Information Minutes from the previous meeting:

<http://agenda.cern.ch/askArchive.php?base=agenda&categ=a044315&id=a044315/minutes>

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## 1. PROPOSED AGENDA

- a. Minutes of the previous meeting and issues arising
- b. Review of action items
- c. 2nd Conference (local organisers to join for this point)
  - o Conference schedule
  - o Attendance
  - o Demos review session (date/time, length/attendance)
- d. PEB planning through to the EU review
  - o schedule for PM9 deliverables & milestones
  - o schedule for the 3rd quarterly report and periodic report

- e. GGF feedback
- f. AOB
- g. Next meeting: Thursday 4<sup>th</sup> of November at 16:00

## 2. AGENDA ITEMS

### a. Minutes of the previous meeting and issues arising

Minutes were accepted without modifications.

### b. Review of action items

Due to a problem with the PEB Minutes web page, which contains the actions, this item of the agenda was skipped. We are expecting this issue to be resolved shortly.

See action table here:

<http://egee-intranet.web.cern.ch/egee-intranet/Project-Structure/boards/PEB2.html>

### Deliverables and Milestones

Find updated list of Deliverables and Milestone here:

<http://egee-jra2.web.cern.ch/EGEE-JRA2/EUDocuments/Deliverables/Deliverables.htm>

The PEB confirmed the recommendations of Ian Neilson to accept MJRA3.4 as passed.

### New action status:

As mentioned above, no new actions were discussed.

### c. 2nd Conference (local organisers to join for this point)

#### Conference schedule and Attendance

So far, about 300 people have registered for the conference and more registrations are expected to come.

Though David Snelling has not directly confirmed his presence at the conference, PEB members were of the opinion that he will attend since he's coming to the event wearing several hats.

There will be a lunch organised on Monday with the different presenters of the morning session and the management of the project, the local organisers as well as members of the PO.

While the programme for the Monday morning looks good, Monday PM and Tuesday AM need more work. Matti and Leticia Martignon will work on this this week.

Fab mentioned that it was still not clear who would present from the EU, following the uncertainties with the current EU commission.

A discussion followed on the topic of having live demos with Brazil. It would have been interesting to show the inclusion of Latin-America as collaboration with EGEE. However, considering bandwidth limitations during the conference (20 MBits/sec) we concluded that it was better not to have live demos with Brazil.

We discussed the need for material support (e.g. telephone, fax, and photocopier) for the PO during the event. Lodewijk (representing the local organiser) said that this had not been foreseen in the original conference budget. He also said that TERENA was going to provide telephone-conference material. There won't be any VRVS support either.

Bob reminded (yet again) that the different cross-activity sessions have to be filled-in with details of what will be discussed. If not, these sessions will be freed.

Specifically for the Friday morning sessions, Bob reminded the PEB that it is the responsibility of the corresponding session chair to find a person to present the results of their session.

**The last two items have to be finalised this week.**

There will be flexible areas for small meeting to take place at the conference premises.

There will be (only) wireless coverage in all the conference rooms and venues.

After the Concertation Event, the display panels will be freed, which will provide several (10 to 20) places for EGEE related posters. The different activities are responsible for approving their own posters.

## **Demos review session (date/time, length/attendance)**

Frank said that the Johan Montagnat will be coordinating the biomed demos and will be the point of contact. Ian said that Markus will coordinate the SA1 demos. John Dyer will be the NA2 contact point.

There will not be individual gLite cluster demos.

An open issue is whether we can "kill" the normal wireless access, during the demos, to reserve all the network traffic for the demos.

Bob asked if there were any remaining payment issues. Ludwig said that everything was in order. Lodewijk left the meeting.

A brief discussion followed as whether the outcome of the conclusions of the ARDA workshop would affect the EU demos. Frank pointed-out that the biomed demos will be running on LCG-2, which will not be affected in the short term by the ARDA conclusion issue. Fab left the meeting.

Bob informed us that a new agenda page for demos had been setup and that he expected everybody involved to populate it:

<http://agenda.cern.ch/fullAgenda.php?ida=a044621>

We discussed the JRA4 joint session:

**>>> ACTION (JRA4): Provide details for the JRA4-led joint session**

After discussion, we agreed that the NA3-led session would include a presentation from Stephen Newhouse from OMII. The presentation is expected to last 20 minutes.

Ian said that following Fran Bergman visit at CERN last month, Regan Moore expressed interests in collaborating with EGEE. We agreed to extend the NA4-led session by 30 minutes to allow him to present. Licia said that she would check that it is possible to extend the day by 30 minutes.

Bob reminded all activity leaders to provide a list of important events/meetings/workshops ahead of time, following request from the PMB.

**d. PEB planning through to the EU review**

**Schedule for PM9 deliverables & milestones**

The schedule for the PM9 deliverables and milestones is very tight.

Matti mentioned that for the Synergy roadmap, DEISA stated that they only want to interface with Fab, which makes his work difficult, if at all possible.

On MJRA3.2, following a short discussion between Ian and Ake, we concluded that JRA3, on MJRA3.2, need to consult the ROC managers, as part of the JRA3 internal review, before the document is submitted for review. Ake agreed.

Ake proposed to delay MJRA3.5. He said that JRA3 doesn't have, at the moment, the right knowledge in order to complete this milestone. In first approximation, it looks like a delay in this milestone would not have a negative impact on the project. However, to understand better the scope of the milestone, JRA3 will write an abstract of what is planned for this milestone.

From this abstract, the PEB will be able to better assess the impact on this milestone on the project.

**>>> ACTION (JRA3) Submit abstract for MJRA3.5**

However, JRA3 will need to provide a justification and estimated delivery date of the milestone.

**>>> ACTION (JRA3) Provide justification and estimated delivery for MJRA3.5**

We agreed that all security related deliverables and milestones should be reviewed by the JSPG (Joint Security Policy Group).

**Bob and Meb reminded that for PM9, we cannot afford unnecessary delays during the review and it is the responsibility of the Moderators to drive the review and they are responsible for their timely conclusion.**

**e. GGF feedback – Not covered**

**f. AOB**

**ARDA Conclusion**

Massimo summarised the conclusion of the ARDA workshop (which were sent to the PEB mailing list earlier):

- About 60 people attended
- US colleagues connected via VRVS
- Discussions on the ARDA proposal followed last week during the LCG-PEB.
- Experiments are positive about gLite
- Experiments have different views on gLite and the way forward
  - ALICE wants a large Alien-based production service now (on its 30 sites)
  - CMS/ATLAS depends on LCG-2 (now and 2005)
- It is proposed to enlarge the gLite prototype testbed (Frederic said that this will only be possible if the manpower is increased)
- Karlsruhe would become a 3rd site.

Frederic said that the critical point was that Alice wanted to deploy the current gLite prototype on the 30 Alice sites. The current m/w doesn't install easily and requires expert knowledge.

A discussion followed on migration. Frank reported that several individual working for experiments were anxious of understanding the migration path between LCG-2 and gLite. Frederic said that if current LCG-2 users can tell what catalogue they're using, we can look into a migration path. We need a migration plan before the EU Review, which would initially build on the ARDA/Physics/NA4 work.

Massimo said that the next ARDA workshop is likely to take place at the end of January 2005.

CDF has a formal status within NA4 with its own VO (like D0 and BABAR), however, it is not supported by NA4.

**g. Next meeting: Thursday 4<sup>th</sup> of November at 16:00**

We agreed that only the ARDA Conclusion would be on the agenda of the next meeting.

### 3. CURRENT ACTIVITIES STATUS

#### 3.1. JRA1

(from Frédéric)

There was an ARDA workshop last week (details available at <http://agenda.cern.ch/fullAgenda.php?ida=a044135>). The main outcome of the meeting is a request from experiments to enlarge the prototype testbed not only in size (cpu, disk & sites), but also in terms of users (not only ARDA people). In addition, ALICE requests the prototype software to be installed at their sites holding data in order to proceed with the phase 3 of their Data Challenge. This will inevitably increase the workload of JRA1. The details of the operations are still being discussed

There was a meeting between JRA1 and SA1 on Data Management issues. Basically it was agreed how to synchronize the Data Management activities in the next few weeks/months in view of the Service Challenges.

The automated build system is suffering from inappropriate hardware. Unfortunately, buying new machine(s) is not a trivial operation (recent orders do not pass stress tests). Instability risk to persist for some weeks.

The first component (gLite I/O) of the Middleware has been released to SA1. Material available at <http://glite.web.cern.ch/glite/packages/I20041020/>. Release notes at [http://glite.web.cern.ch/glite/packages/I20041020/doc/glite-io-server/release\\_notes.html](http://glite.web.cern.ch/glite/packages/I20041020/doc/glite-io-server/release_notes.html). Installation guide at [http://glite.web.cern.ch/glite/packages/I20041020/doc/glite-io-server/installation\\_guide.html](http://glite.web.cern.ch/glite/packages/I20041020/doc/glite-io-server/installation_guide.html). We are now expecting feedback from SA1.

There was a meeting on October 26, 2004 between EIA-FR and JRA1 within the context of CSCS joining EGEE. The main outcome of the meeting was to clarify that there was no overlap between the JRA1 and EIA-FR activities. Material used and a summary of the meeting is available at <https://edms.cern.ch/file/520707/1>

We plan to have a technical meeting with DILIGENT on December 16, 2004 at CERN.

#### 3.2. JRA3

(from Ake)

##### Summary



Middleware Security Group changed focus to fully support the JRA1/JRA3 work with inputs from SA1 and NA4.

MJRA3.5, PM9 need to be reformulated and – if possible – postponed to 2005. Reason: using resources to deliver security modules to middleware.

Security modules delivery: ongoing, integration started for VOMS.

Status of activity tasks:

MJRA3.4. went to (as we see it) a full delivery review, not a milestone review. Need to clarify the difference. Anyway, this was great for the final result and we thank Ian Neilson for his valuable help. Sent (2004-10-22) to PEB for approval.

MJRA3.5, PM9 – Secure Credential Storage procedures - updated and extended

This milestone document is under reevaluation, due to more urgent deliveries (see above regarding middleware development). If possible, this milestone will be moved to Q1-Q2, 2005.

## Original plan (from the original execution plan):

WBS: MJRA3.5 PM9

Evaluate online credential repositories 1,5 KTH

Evaluate portable credential repositories 2 UiB 1 UH-HIP (USB, smartcard, OpenLab?)

Evaluate integration with organizational authentication methods 1,5 KTH

Report 0,5 UiB 0,5 UH-HIP

## New plan:

MJRA3.5, PM15

The task "MJRA3.5 Secure Credential Storage procedures" will be extended into two phases (def. Task owner = responsible for the deliverable and managing the work and reporting, Doer = the person(s) that does the job):

Phase 1, PM12	MJRA3.5.1 Secure Credential Storage procedures PM12
Deliverables:	- Recommendation on USB secure credential storage - Workplan for phase 2.
Task owner:	FOM or UiB

Doer:	FOM or UiB with David Groep (FOM) as expert advice, especially on the workplan phase 2 part.
Phase 2, PM15	MJRA3.5.2 Secure Credential Storage procedures PM15
Deliverables:	<ul style="list-style-type: none"> <li>- Recommendation on secure credential storage mechanisms, either via active certificate stores – or other managed credential mechanisms - together with the EUGridPMA task force aiming at the same work.</li> <li>- Expected output: recommendations document on how to deploy, operate and manage a managed credential service.</li> </ul>
Task owner:	FOM
Doer:	FOM following and giving input to the EUGridPMA task force effort.

Comment: today UiB do not have the right profile to deliver Phase 1. Could change.

MWGS Friday, Oct. 15

MWSG changed direction to focus on the interaction between the JRA3 and JRA1, with inputs from all other activities, especially SA1 and NA4.

This was well received by JRA1, NA4. SA1 has some reservations regarding requirement handling that I'm discussing with Ian Neilson.

<http://agenda.cern.ch/fullAgenda.php?ida=a043836>

## Short description of the change:

### The first 6 months

- MWSG1, May 5-6, Gap Analysis
- MWSG2, June 16-17, Release Plan
- MWSG3, Aug 25, Security Architecture
- MWSG4, Oct 15, Current and future plans of security implementations

We did more things, but this is what was primarily used in the middleware security work.

### The next 6 months

- MWSG to focus on the interaction between the JRA3 and JRA1, with inputs from all other activities, especially SA1 and NA4.
- MWSG will be the vehicle to make sure the security plans are implemented.
- MWSG mailing list will be the new meeting place to discuss actual middleware security issues, not only (as today) to invite to the next meeting.
- MWSG will be more frequent. Phone meetings. Every three weeks - suggestion.

**So, what about the other topics mentioned earlier at MWSG?**

1. Policies, incident handling and operations

This is handled at the Joint Security Policy Group (former JSG).

Lead by Dave Kelsey. Meeting once a month. Very active and the place for these topics.

2. Requirements

The collection of the requirements has been completed. Now it will be put in to the central web (NA4) and managed from there. The first overall prioritization of the requirements to be done at PTF. MWSG to use this list in its planning.

**AOB**

Moderators and reviewers Q3

**David:**

9 DNA5.1.2 MNA5.1 eInfrastructure reflection group White Papers in conjunction with the EGEE Project Conferences CERN - M: JRA3 R: SA1, NA4, JRA1.

**Yuri:**

9 DSA1.3 Accounting and reporting web site publicly available CCRLC - M: JRA1 R: JRA2, JRA3, NA4.

**Current planned attendance to EGEE 2<sup>nd</sup> conference**

Ake Edlund, Olle Mulmo, Martijn Steenbakkens, David Groep, Jeremy Cook, Gerben Venekamp, Oscar Koeroo, Yuri Demchenko, Joni Hahkala (new), John White(new), Patrick Guio (new).

**GGF 'trip report'**

**Attended GGF12:**

Olle Mulmo, Yuri Demchenko, David Groep, Ake Edlund, Oscar Koeroo, Martijn Steenbakkens

**General:**

Security Architect, Olle Mulmo, was at GGF12 appointed area director of Security together with Dane Skow (Fermilab, OSG). This is of great value for JRA3's future standardization effort.

Olle Mulmo:

Participated in the GGF steering group meeting (security area director), gave a presentation at the CA operations WG on OCSP (co-author of a recommendations document), held several face-to-face meetings with EGEE collaborators and other people concerning topics of mutual interest.

Yuri Demchenko:

Panel participation and presentation: "Standards and Practices in Operational Security"

Martijn Steenbakkens:

- Attended the operational security workshop on Monday

- A coffee-break discussion between Von Welch (globus), Olle, David, Akos, Oscar and Dane Skow about the globus authorization callout mechanism, which has to be extended with another type by which identity switching (setuid(), setgid() etc.) can be outsourced to e.g. LCMAPS.

We (NIKHEF) will produce the specification for this, so that it may be included in gt-4.x (x > 0).

- Another coffee-break discussion with Kate Keahey (globus) on how to integrate their Dynamic Account Service (DAS) with LCMAPS and the EGEE prototype

Ake Edlund:

Participated in the "Grids Deployed in the Enterprise" session at Crown Plaza.

Impression: industry interested, but still too early to say where this is going. Great presentation of Intel showing real value (knocking off 8 weeks of R&D project's TTM!). Grid computing needs more companies to step up and show how they are using Grid computing. The Intel case shows one problem: they regarded the usage of Grid computing too strategic to mention to competitors. Now, they are opening up, and maybe some more will join? Intel's presentation:

See Guru's presentation at  
[www.ggf.org/Meetings/GGF12/GGF12\\_Presentations.htm](http://www.ggf.org/Meetings/GGF12/GGF12_Presentations.htm)

Otherwise, not too much learned from the meetings, except interesting things happening on the telco side, e.g. BT and Telecom Italia (see link above).

### 3.3. JRA4

(from Kostas)

#### **Deliverables and milestones:**

- [PM6] DJRA4.1 progressing with internal reviewers. Comments have been received and processed. A telecon is being arranged to go over these with reviewers. The main item of note is that we realised it is both premature and inappropriate to go into details about the possible use of WS-A in the deliverable.

This is a matter to sort out in the coming months with JRA1. Therefore we have largely removed any such reference, and hence obviated some reviewers comments.

- [PM9] MJRA4.2 Definition of standardised network measurement query/response interfaces. This is underway and on schedule for delivery at PM9

#### **Staff changes:**

- As of 1st November the Edinburgh University staff are fully on board. They are as follows:
  - o Kostas Kavoussanakis, Project Manager, EPCC. Kostas has 6 years experience working in and managing EC and industrial projects.
  - o Ratnadeep Abrol, Principal Consultant, EPCC. Ratna has developed and designed code over the past 8 years in SMEs and EPCC.
  - o Charaka Palansuriya, Applications Consultant, EPCC. Charaka has been mainly a code developer, working at EPCC for over 4 years.

#### **Sub-Activities:**

- NPM (Network Performance Monitoring). This work is mainly about defining standardised (a la GGF) access to network performance information from both end-sites and network providers. A prototype implementation is underway. The next steps is to look at resurrecting and wrapping EDG:WP7 tools.

- BAR (Bandwidth Allocation and Reservation). The real work starts now following the requirements gathering and first iteration of architecture and interfaces. The next steps are to work much more closely with JRA1 and 3 on defining the function and interaction with the NE (Network element)

- IPv6 A first meeting has been arranged with 6Net people to take forward our intentions in respect of promoting IPv6 within EGEE.

### 3.4. NA4

(from Vincent)

#### 1) Outcome of ARDA workshop

<http://agenda.cern.ch/fullAgenda.php?ida=a044135>

Massimo has prepared a summary of outcome for discussion at EGEE and LCG PEBs. There is pressure from experiments to get early release of gLite s/w even if incomplete. ALICE offer sites for testing. Massimo will circulate his summary

#### 2) Next week's LCG operations workshop Nov 2-4

This is a workshop on all aspects of operations

<http://agenda.cern.ch/fullAgenda.php?ida=a044377>

2 representatives of Biomed task force will participate.

#### 3) Request from CDF to 'join' EGEE

Frank Harris received an official request from CDF (spokespeople!) for their INFN supported VO to become 'official'. They can be part of NA4 in the same way as D0 and Babar and discussions have taken place with SA1 to clarify what support they 'expect'.

#### 4) Preparation for EGEE 2

a) Frank Harris has prepared a draft agenda for NA4/SA1

<http://agenda.cern.ch/fullAgenda.php?ida=a044284>

b) Massimo is about to prepare an agenda for joint JRA1/NA4.

#### 5) Deliverable DNA4.2

Final edition of the new version is under way. The document should be made available to reviewers Tuesday evening or Wednesday morning.

## 6) Biomed task force

BTF tutorial planned on November 29-30. BTF members: Ian Bird proposal has been "to create a mailing list" with the biomedical tech team and

SA1 experts: Jeff, Flavia, Steve Burke and Cal. GGUS made accessible to BTF. Biomed Task Force meeting planned in Den Haag on Tuesday 23rd.

## 7) Demos for Den Haag

Installation document ready for UPV demo, use cases to be selected with end users today, improvement of user interface. GPS@ doing progress. GPT3MD is working, now it is a matter of polishing.

#### **4. PEB PROGRAMME OF WORK THROUGH TO THE FIRST EU REVIEW**

See Programme of Work table here:

<http://egee-intranet.web.cern.ch/egee-intranet/Project-Structure/boards/PEB2.html>