



Enabling Grids for E-science

EGEE-III review recommendations

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*EGEE-II All activity meeting, 5th July 2007
CERN*

www.eu-egee.org



Information Society
and Media



- **Before lunch**

- Elaborate the responses we will provide to the EGEE-II review recommendations
- Need to send document including the responses to the EU by 31st July
- Updates to the responses will be provided as input to the final review (May 2008)

- **After lunch**

- Determine the status and planning of the gLite middleware
 - Restructuring
 - Testing
 - Interoperability

“Perform partner audits on a regular basis to ensure that the partner quality programme is seriously implemented at all partner sites. This will ease the demanding reporting process significantly”

Response:

Partner audits, similar to those performed by SA1 during the 1st year of EGEE-II, will be implemented on a trial basis by the other activities during the 2nd year

Actions/Issues:

Make sure your activity includes at least ONE such review in its 2nd year planning

Information received so far: SA3, NA3, . . .

“Continue to give top priority to the stability of gLite, which is the most immediate issue for continued quality of service”

The stability of the gLite middleware is the highest priority of the JRA1 and SA3 activities. The gLite restructuring plan has been engaged by the project as a means of re-enforcing the long-term stability of gLite

Report text: “There are some technical issues of high impact on the success of the project such as gLite restructuring”

**Adapt response according to the discussion after lunch today.
Completion of the gLite restructuring must remain a priority for 2007**

“Make personnel planning a continuous, pro-active process with a long-term view of five years with all partners and their parent organisations actively involved”

The Project Management Board will plan and track personnel planning for EGEE-II and any successor projects.

Propose to make this an action for the PMB to address with the partners and come back with statements on personnel planning policy for rest of EGEE-II, EGEE-III and EGI/NGIs.

“Consider a systematic approach to tapping into the tacit knowledge in the project, e.g. know-how, skills and experience that exist in people and best practices, but not necessarily in documented form, by transfer to explicit form and by measures to aid personnel planning”

Explain how the 2nd year deliverables will document much of the knowledge gained during EGEE-II (basically all the PM22 deliverables)

- DSA1.5 - Operations cookbook
- DSA1.6 - Report on ROC progress and issues
- DSA3.2 - Report on progress on interoperability
- DJRA2.2.2 - Final Report on the Collective EGEE-II Security Status
- DJRA2.1.3 - Final report on quality status
- DNA3.3.2 – Training report
- DNA4.2.2 – Summary and Evaluation of Application Usage of EGEE-II Services
- DSA1.7 - Assessment of production Grid infrastructure service status
- DSA3.1.2 - Report on mware releases produced and status of infra. interop.
- DJRA1.3.2 - Final report on progress of middleware reengineering
- DNA2.6 - Final Dissemination, Outreach & Communication Report
- DNA5.2.2 - Inventory of EGEE-II standardisation efforts and contributions
- DSA2.2 - Assessment of the network SLAs in EGEE-II
- DNA2.5.2 - Annual Report of the Industry Forum

Suggestion: Put a “lessons learnt” section in each of these documents?

“Strengthen the membership of the External Advisory Committee by the addition of one or more representatives from companies active in the vertical markets of interest”

The project is in the process of identifying a suitable business representative to become a member of the EAC

Considering 451 group, Grid Interoperability Now! etc.

“Encourage all partners to include a reference on the GAP pages of the web site to their gender policy or to subscribe to the statement of intent”

The GAP pages on the project website have been updated and currently include 41 member institutes who have pre-existing and established equal opportunity policies in addition to 31 members who have signed the EGEE statement of intent

<http://egee-technical.web.cern.ch/egee-technical/NA1/GENDER/GAP-EOP/partners.htm>

“In preparing the new project management structure in any proposals for successor projects to EGEE-II, draw lessons from experiences of the existing project management structure. The reviewers regard the separation of strategic and operational management to be one of the strengths of the current structure. However, the relationship between responsibilities, tasks and authorities in the many cross activity groups is unclear and should be better equilibrated in the future structure”

The separation of strategic and operational management will continue in the successor project and the responsibilities, tasks and authorities will be clarified for cross activity groups.

Identify responsibilities, tasks, authorities & reporting lines for ALL cross-activity groups in EGEE-III proposal

“In preparing the new project management structure in any proposals for successor projects to EGEE-II, ensure that major technical decisions are only taken after consideration of the ‘make or buy’ issues and that there is budget flexibility to enable this.”

What are the criteria for determining if EGEE-III should make or buy?

What areas are to be considered: e.g. middleware, operations, user support?

Budget flexibility implies not pre-allocating all money to manpower at the project proposal

“In preparing any proposals for successor projects to EGEE-II, strengthen the staffing in the project-wide quality assurance function”

Explain that QA staffing is mainly provided via the activities and JRA2 is providing the coordination of this staff hence its limited size. State that EGEE-III will retain this approach and build on the experience of EGEE and EGEE-II to refine the activity metrics programmes as well as generalise the partner review process

*“At the next review, give more prominence to and present more information on JRA2 **quality assurance** and related activities”*

More time will be allocated to the presentation of quality assurance in the agenda of the next review

Which QA aspects to emphasize? – report suggests end user quality of service (i.e. reliability, stability etc.) and software metrics

“The reviewers regret that statistics on software metrics could not be presented, as this information was not available due to the transition to the new ETICS build system.

The measures of robustness and reliability of the production infrastructure are still very rudimentary.”

List those related projects that have adopted aspects of the QA process from EGEE

“At the next review, provide a focused presentation/assessment on achievements towards inter-operability between gLite and ARC/UNICORE”

Presentations dedicated to the assessment of the inter-operability between gLite and ARC/UNICORE will be scheduled at the next review

Report text:

“There are some technical issues of high impact on the success of the project such as gLite restructuring and inter-operability with ARC and UNICORE”

“Problems of inter-operability, especially with UNICORE and ARC, do not seem to be addressed in a timely way while in the short term OMII-Europe is not likely to help.”

“The reviewers were also concerned that work on inter-operability of gLite with ARC and UNICORE has been also slower than expected.”

Linked to recommendations 16 & 17

“Initiate specific efforts to ensure that inter-operability of gLite with ARC and UNICORE is achieved before the end of the project”

State that the SA3 partner review held in May’07 concentrated on the interoperability tasks

Adapt answer according to recovery plan to be presented today

“Formalise co-operation with DEISA with a view to improving the interoperability between gLite and UNICORE”

Will organise similar meeting to that held with OMII-Europe with DEISA. Also intend to invite DEISA leadership to infrastructure meeting tentatively being scheduled for OGF22 (Jan’08)

“In dealing with industry, emphasise that the EGEE-II project is following an exemplary path towards the standardisation issue. The EGEE-II middleware implements a service-oriented architecture that virtualises resources, adheres to recommendations on web service interoperability, and is intended to be compliant with accepted standards for the web service foundation stack as they become available. The reviewers feel this is potentially a fundamental strength of the gLite middleware.”

State that EGEE presentations have been updated to reflect this point from June 2007 and other dissemination material will be updated during the summer.

Which material needs to be updated (NA2 should make a list):

- Information sheets (gLite, business, EGEE general, others?)
- Websites
- Brochures
- more?

“Formalise co-operation with OMII-Europe to exploit the potential for synergy in the areas of inter-operability and standardisation”

Meeting with OMII-Europe to formalise co-operation was held on 3rd July 2007. Agreed that:

- **Joint EGEE/OMII-Europe session will be held at EGEE’07 to identify those components delivered by OMII-Europe that can be integrated into the gLite distribution before the end of EGEE-II**
- **Project management will meet each quarter**