15month plans
29 December 2004
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SA1 Plans for next 15 months of EGEE

There are no major changes in the planning of the SA1 activity for the next 15 months of the project. The important milestones and deliverables expected in the next 15 months are the following:

- DSA1.4 (PM12) An assessment of the operation of the production grid service for the first 12 months of the project, and planning for the second year.
- By PM12 a fifth CIC in Russia will be operational and participating in the rotation of operational responsibilities.
- DSA1.5 (PM14) The first release of the EGEE infrastructure planning guide ("cook-book").
- MSA1.3 (PM14) Production grid infrastructure with 20 resource centres. It is intended that the production infrastructure in this milestone is based on EGEE re-engineered middleware. Exactly what that means and how much of the production infrastructure will be using EGEE (gLite) components remains to be seen, and is strongly dependent on the quality and robustness of the components that are delivered. Experience has shown that it takes at least 6 months to make new software into something approaching production quality. It is not anticipated that the production infrastructure will deploy components unless they improve upon existing components or add new required functionality.

  At this time it is anticipated to have some 9500 cpu available within the infrastructure.

- DSA1.6 (PM14) The release notes corresponding to the production grid infrastructure delivered in MSA1.3. These notes will be an update of the previous release notes (DSA1.2).
- DSA1.7 (PM22) An updated release of the infrastructure planning guide (DSA1.5), in the light of experience gained in the time since the first release.
- DSA1.8 (PM24) An assessment of the operation of the production grid infrastructure throughout the duration of the project. The deliverable should also outline suggestions for how the infrastructure can be turned into a longer term sustainable infrastructure during a second phase of EGEE.
- MSA1.5 (PM24) This milestone represents an expansion of the production grid infrastructure to 50 sites.
- DSA1.9 (PM24) The final set of release notes corresponding to the infrastructure, operation, and use as provided in milestone MSA1.5.

The existing grid infrastructure already (PM9) exceeds the scale of that promised for MSA1.3 (20 centres, PM14) and MSA1.5 (50 centres, PM24), and provides close to 10,000 cpu. The challenge to SA1 for the next 15 months is to build and maintain reliable operations, while at the same time testing, deploying and migrating the infrastructure to new middleware based on the EGEE (gLite) re-engineering effort. To do this in a way that does not disturb the production system and its users,

making use of a fully fledged pre-production system is where a large part of the effort will be during these 15 months. In addition, the Core Infrastructure Centres will work together with partners in Asia (ASCC, Taipei) and in the U.S. (Open Science Grid) in order to understand how it might be possible to share operations responsibilities and achieve true 24 hour operational coverage.

Changes in SA1 organisation and partner responsibilities.
There are no significant changes foreseen in the organisation of the activity, and the only partner contribution change foreseen is the following:

- Slovak Academy of Science will move 22 person-months of effort from SA1 to NA4. It is anticipated that the SA1 commitments will be covered by additional unfunded effort, and that the program of work of the partner and the Central European federation within SA1 will not be affected.