

SA2 – NETWORKING SUPPORT

The EGEE project uses the major European research networks to connect the providers of computing, storage, instrumentation and applications resources with users in Grid Virtual Organisations. This process is overseen by the SA2, activity, which deals with all the issues relating to the network infrastructure that underlies the EGEE Grid, both issues arising within the project and between the project and the other groups and organisations outside the project. This mainly consists of relationships with the other activities on network issues (for instance applications requirements with NA4, network monitoring with SA1). SA2 also takes care of the relations with related projects (see Related Projects information sheet) concerning network cross-activities, such as a collaboration with the EUChinaGrid project on IPv6 compliance of EGEE's gLite middleware.

SA2 also acts as the interface between EGEE and the network infrastructure. This role is two-fold: first, SA2 acts as a technical interface to build and manage the collaboration with the network providers. The Technical Network Liaison Committee (TNLC), set up during EGEE, is one of the places where the exchanges between EGEE and the networking community can take place, and will therefore be reinforced during the lifetime of the project. SA2 will push forward the adoption of network Service Level Agreement (SLA) in both the Grid and the network community, to provide the Grid users the best network service they can expect from today's network.

Second, through the EGEE Network Operations Centre (ENOC), SA2 acts as a day-to-day operational interface between EGEE and the underlying network providers. The ENOC, as an end-to-end coordination unit, is the unique point of contact for all the network related operational issues between EGEE and the GÉANT2/NRENs. It is the interlocutor for GÉANT2/NRENs to contact EGEE about network troubles and interface with EGEE's network support unit. As such, the ENOC also acts as the entity responsible of the operations of the LCG optical private network.

SA2 is built on the experience acquired by the three main partners (CNRS, GRNET and RRC-KI) during the first phase of EGEE, and now comprises some of the NRENs (DFN, GARR) involved in EGEE, with the networking community further represented in EGEE through DANTE's participation in the project.

Activity Contacts

Mathieu Goutelle, Activity Manager (CNRS), email: mathieu.goutelle@urec.cnrs.fr

Jean-Paul Gautier, Deputy Manager (CNRS), email: jean-paul.gautier@urec.cnrs.fr

SA2 Webpages

<http://cern.ch/egEE-sa2/>