SA2 – NETWORK RESOURCE PROVISION

The Enabling Grids for E-sciencE (EGEE) project needs access to the appropriate networking services provided by GÉANT and the National Research and Education Networks across Europe to succeed.

The relationship between the project and the network providers is managed by a Network Resource Provision team, via a formal body called the Technical Network Liaison Committee which was officially set-up in June 2004.

The Network Resource Provision team also ensures that all user requirements are met in terms of network capacity and service class. One of the team's main objectives is to ensure the provision of a high bandwidth network which offers guaranteed performance and virtual private network capability to the end users.

The team is now concentrating on the following tasks:

- Defining an operational interface between EGEE and the network providers;
- Specifying the EGEE Network Service Classes as network services.
- Defining the primary Service Level Agreements needed with the network providers;
- Creating the Service Level Agreements with the network providers;
- Monitoring the Service Level Agreements against demand (aggregate traffic) and supply (network performance).

The team has provided an overview of the European Networks in terms of services, visit http://egee-sa2.web.cern.ch/egee-sa2/EurNetOverview/ for more information. The team is also planning to provide a network tutorial in the near future.

In order to achieve the above, the team works closely with the other activities, particularly JRA4 (Network Services Development), NA4 (Application Identification and Support) and SA1 (European Grid Support, Operation and Management).

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