
SA1 - SA2 collaboration

Below is a list from SA2 with proposals for collaboration between SA1 and SA2:

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- SA2 needs SA1 requirements for definition of the network service classes (e.g. Operation Tools).
 - SA2 and SA1 will work together for the Network Operational Interface.
 - SA2 has some practical issues for SA1 :
 - * A list of the EGEE's sites with their connectivity.
 - * To have a good understanding of a GOC."
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Below are some of my questions and ideas

Roles of GOC

As to the last point (a good understanding of a GOC), I will summarize some of the operational roles of the ROC's and CICs (based on Christina's slides from the AA meeting of last week) and I have added network components as possible part for these roles:

- SLA negotiation - Collect and Monitor Service Level Agreements (SLA)
Are there any network requirements to a RC?
- Development of procedures and capabilities to operate the resources - Coordinate the operational management of RCs
Monitoring of Network availability may be part of this
- First-line support in resolving any operational problems originating at the Resource Centres. - Source of expert advice and technical support in deploying and operating the middleware in the RCs.
Network support will come form NREN's? Must special contacts be provided?
- User support
Network performance issues (which also can come from RC's)
Firewall problems. Access to network ports (both incoming and outgoing).
- Monitor infrastructure components and services
Network Monitoring must be part of this.
- Publish usage figures and accounting
Network usage reports, e.g. GridFTP logs.

Operational tools

For the Network Operational Interface we need to define which information SA1 is interested in:

Network topology
Routing information
Network capacity
Network performance
Network Services

Which tools do we need?:

Mapcenter: for ping statistics and TCP port scans
Nagios: which network attributes are monitored?

A list of the EGEE's sites with their connectivity

This list can be assembled from the descriptions of all RCs in the execution plan. However I don't think we have the WAN connectivity of each site included now.