SA2 – Network Resource Provision

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SA2: Network Resource Provision Goals, Objectives and Approach

- **Ensures EGEE access to network services provided by GEANT and the NRENs to link users, resources and operational management**

  Do this by managing the relationship between EGEE and GEANT

- Tasks

  - Definition of requirements
  - Specification of services
  - Definition of network access policies
  - Monitoring of service level provision

GEANT High-speed pan-European backbone linking NRENs run by DANTE
NRENs National Research and Educational Networks
DANTE Not-for-profit company that manages GEANT
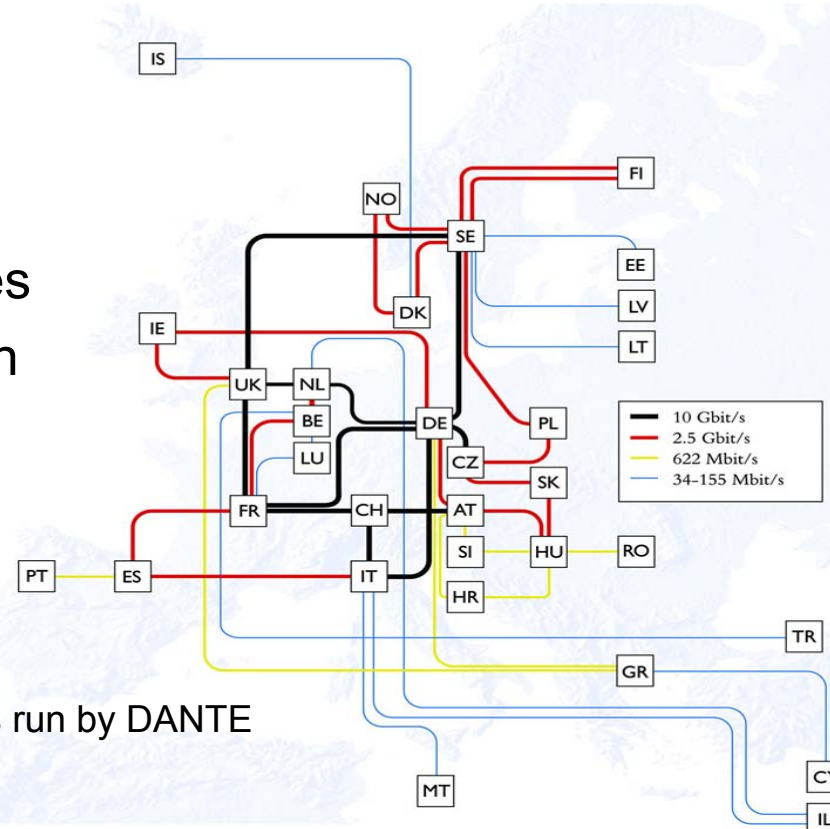
SA2 Approach

- Definition of network services through standard modelling process:
  - Filling of SLRs (Service Level Request) by end users and applications
  - Definition of SLSs (Service Level Specification) by SA2, to be implemented by GEANT and the NRENs, in conjunction with JRA4 activity
  - Signature of SLAs (Service Level Agreement) between applications, SA2 and GEANT/NRENs

- Network Operation Centre (NOC) operational procedure study on GEANT and selected NRENS and incremental integration with EGEE GOCs.

- Outside the scope of EGEE to provide connections for any user or resource site
  - Sites must have adequate bandwidth & performance to join the production grid facility

- Go beyond existing best effort IP service to meet the needs of a production level grid network

SA2 Milestones and deliverables

PM	Deliverable or Milestone	Item
M3	**Milestone** MSA2.1	First meeting of EGEE-GEANT/NRENS Liaison Board
M6	**Deliverable** DSA2.1	Survey of pilot application requirements on networks, initial SLRs and service classes.
M9	**Milestone** MSA2.2	Initial requirements aggregation model, specification of services as SLSs on the networks,
M12	**Milestone** MSA2.3	Operational interface between EGEE and GEANT/NRENs.
M12	**Deliverable** DSA2.2	Institution of SLAs and appropriate policies.
M24	**Deliverable** DSA2.3	Revised SLAs and policies.

SA2 Management Structure and partners

UREC will manage SA2 and oversee both SA2 and JRA4 activities, and will be responsible for DANTE and the NRENs liaison

Participant	Description of Role	FTE (EU funded + unfunded)
CNRS/UREC	Network Co-ordinator overseeing both service (SA2) and research activities (JRA4); responsible for DANTE and the NRENs liaison. Network resource provision requirements SLR/SLS/SLA definitions Operational model	2 (1+1)
RCC KI	Network resource provision requirements SLR/SLS/SLA definitions Operational interface between RDIG, Russian network providers and EGEE.	2 (1+1)
GRNET	Network resource provision requirements SLR/SLS/SLA definitions	0,5 (0+0,5)
Total (FTEs)		**4 (2+2,5)**