

# Inter-domain Monitoring Requirements

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- Technical Workgroup has talked about monitoring last few sessions
- Available software
  - ▶ SARA's TL1 Toolkit based
  - ▶ perfSONAR
- List requirements

# Requirements

- ▀ E2E topology information
- ▀ Information about domains
- ▀ Status of links (UP/DOWN)
- ▀ Alarm information
- ▀ Easy to setup and maintain

- ▀ Retrieve lightpath information from network (no need to manually add lightpaths to a config file)
- ▀ Preferably no need for global lightpath names
- ▀ Good visualisation

- Support for multiple links between GOLEs
- Support for protected paths?
- Support for Ethernet VLANs?
- Support for timeslot info?

- Support for utilisation?
- Alarm history
- Contact information
- Demarcation points
- Distributed setup
  - ▶ information via web services
  - ▶ each site can collect info

# Comments? Suggestions?

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