

# NSI Implementation TF

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# Charter Summary

- ❁ Identify existing gaps between standard specifications and requirements of a production service
  - ❁ Input from the R&E Network Engineers participating in the GLIF
  - ❁ Input from the potential users of the NSI service
- ❁ Prioritize the list of gaps
- ❁ Work with NSI implementers in the GLIF / Automated GOLE group to vet and prototype solutions
- ❁ Publish agreements in documents

# Panel Presentations

- ⦿ JGN-X: Jin Tanaka (KDDI)
- ⦿ AutoBAHN: Guy Roberts (DANTE)
- ⦿ Kreonet: JeongHoon Moon (KISTI)
- ⦿ OSCARS: Chin Guok (ESnet)
- ⦿ OpenDRAC: John MacAuley (SURFnet)

# Top Ideas: for discussion

- ⊗ Inter-domain service management
  - ⊗ troubleshooting
  - ⊗ Logs?
  - ⊗ Monitoring and measurement of circuits
  - ⊗ perfSONAR?
- ⊗ Security profiles
  - ⊗ Best Practices
- ⊗ Creation of Topology
  - ⊗ Deal with segmentation of networks resources/ports

# Top Ideas (contd.)

- ⦿ Policy enforcement
- ⦿ NSI Client API
  - ⦿ OGF? Investigate existing client API
- ⦿ Service Definitions
  - ⦿ GLIF SD?
- ⦿ Understanding end user needs
- ⦿ User outreach