

GLIF NSI Implementation Task Force

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Charter Goals:

The GLIF NSI Implementation task force proposes a charter to develop implementation agreements, best practices and common service characteristics to implement and deploy Network Service Interface protocols within the GLIF community. This task force will work in close co-ordination with the technology and protocol development happening within the OGF NSI working group. The work within this task force will result in interoperable, production deployment of NSI Services within the GLIF community.

Motivation:

Deployment of a successful protocol that interoperates between various users requires much more than just specification of the protocol that happens within a standards body. Network operators need to take into consideration the full life cycle of the deployment of a service from trust relationships between operators that need to interoperate to service error recovery and debugging in cases of failure. This task force will foster discussions and drive towards agreement on topics of operation, administration, maintenance, error handling, provisioning and security. The agreements will be documented as 'best practices' documents. In case protocol enhancements are required, GLIF members will make requirements and use-case presentations to the NSI group.

Some of the topics of discussion include data plane failures handling, security profiles and specifications, connection protection and restoration, signaling plane implementation and error handling, user interface to the network service etc. New topics may come up during the discussions and will be included if they fall within the spirit of the charter.

Process:

- 1) The task force will work with the operators to identify the gaps needing to be filled for operational deployment of the protocol
- 2) Biweekly meetings will be formulated with the top proposals to be discussed at the GLIF meetings
- 3) Agreements will be documented as 'GLIF best practices' documents.