

# NSI Implementation Priorities and Work Items

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# Priorities

- Bridge the gap between standards and implementation
- Best Practices, Implementation Agreements, Interoperability, Service Definitions
  - These documents may be submitted to OGF as informational documents

# Priorities (contd.)

- Work priorities
  - Pathfinding
    - Ensure that each network domain has enough information to do path-finding between domains
    - Work on best practices for NSA finding (or finding how the domains are interconnected)
    - This group will depend on NSI Standards group to finalize a discovery protocol standard for exchanging information
  - Topology
    - Ensure that best practices on how to distribute physical and virtual topology are captured. This may include mechanisms, software and pointers to standards
    - The schema to describe topology is out of the scope of the implementation group
  - Service Definition
    - We need to come to agreement on a service specification to assure interoperability at the data-plane and control-plane layer
    - GLIF can describe a service definition that will cover majority of the participants and services they want to offer using NSI CS 2.0
- Standards overlap
  - There might be cases where some discussions overlap the responsibilities of the standards body
  - In those cases, the chairs will ensure that the bits that need standardization are raised in the NSI Standards WG meeting