

# NML & NSI

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# urn:ogf:network

- Document going into Public Comments period
- Summary:
  - NURN = “urn:ogf:network” + ORGID + OPAQUE
  - ORGID = FQDN + DATE



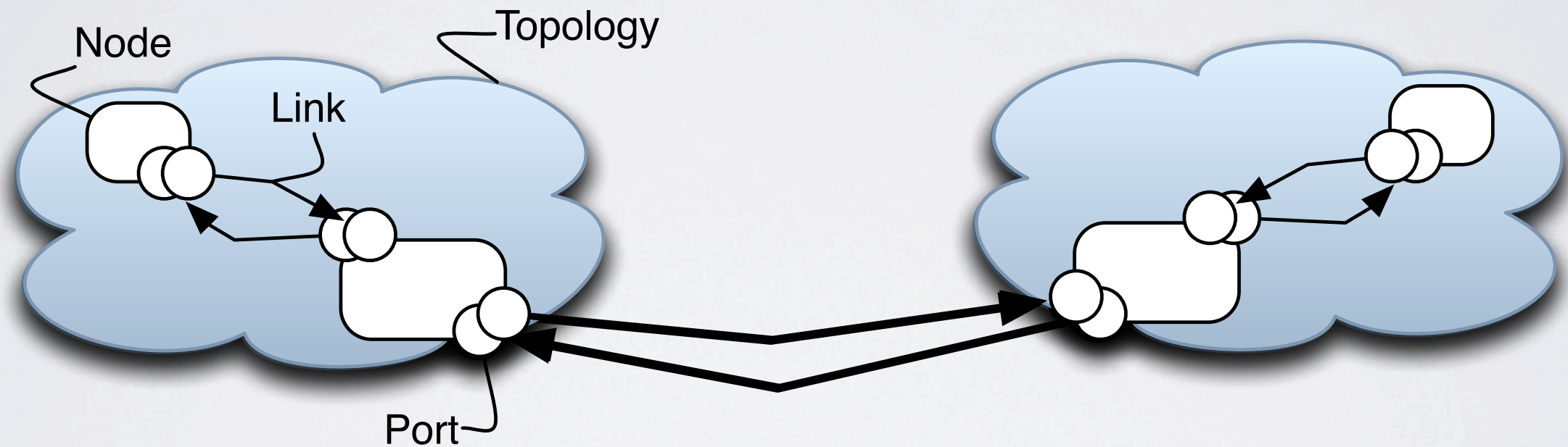
# Interaction NML - NSI

- NML describes Network Topologies (data-plane)
- NSI describes Network Services Interfaces (service-plane)

# NML Topology View

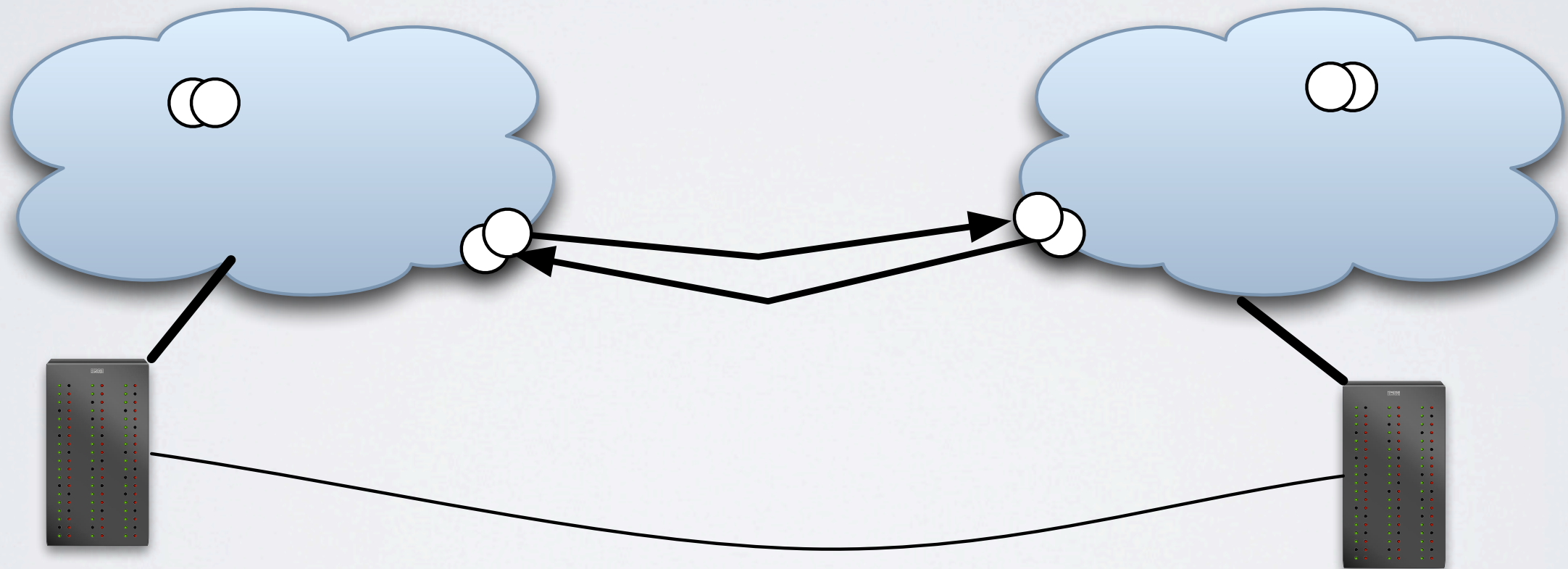


# NML Topology View

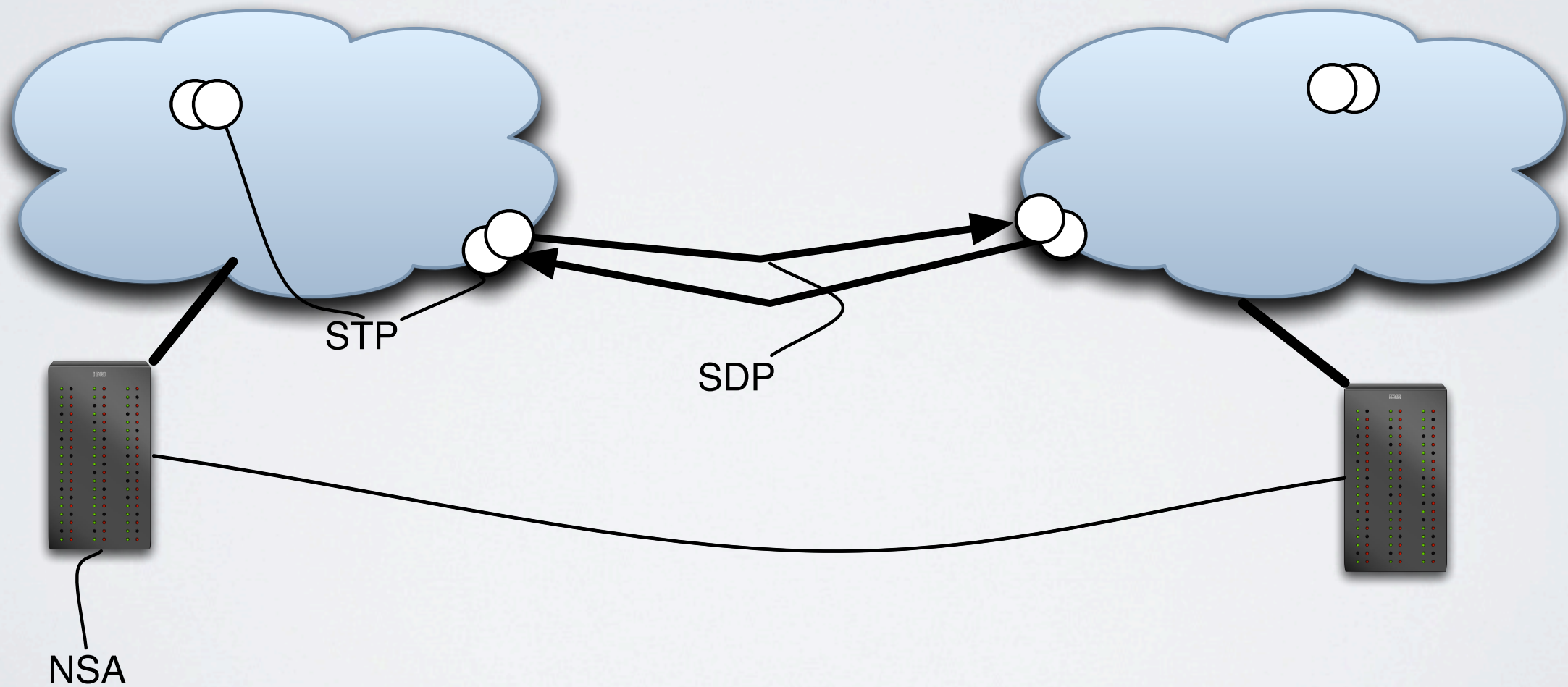




# NSI Topology View

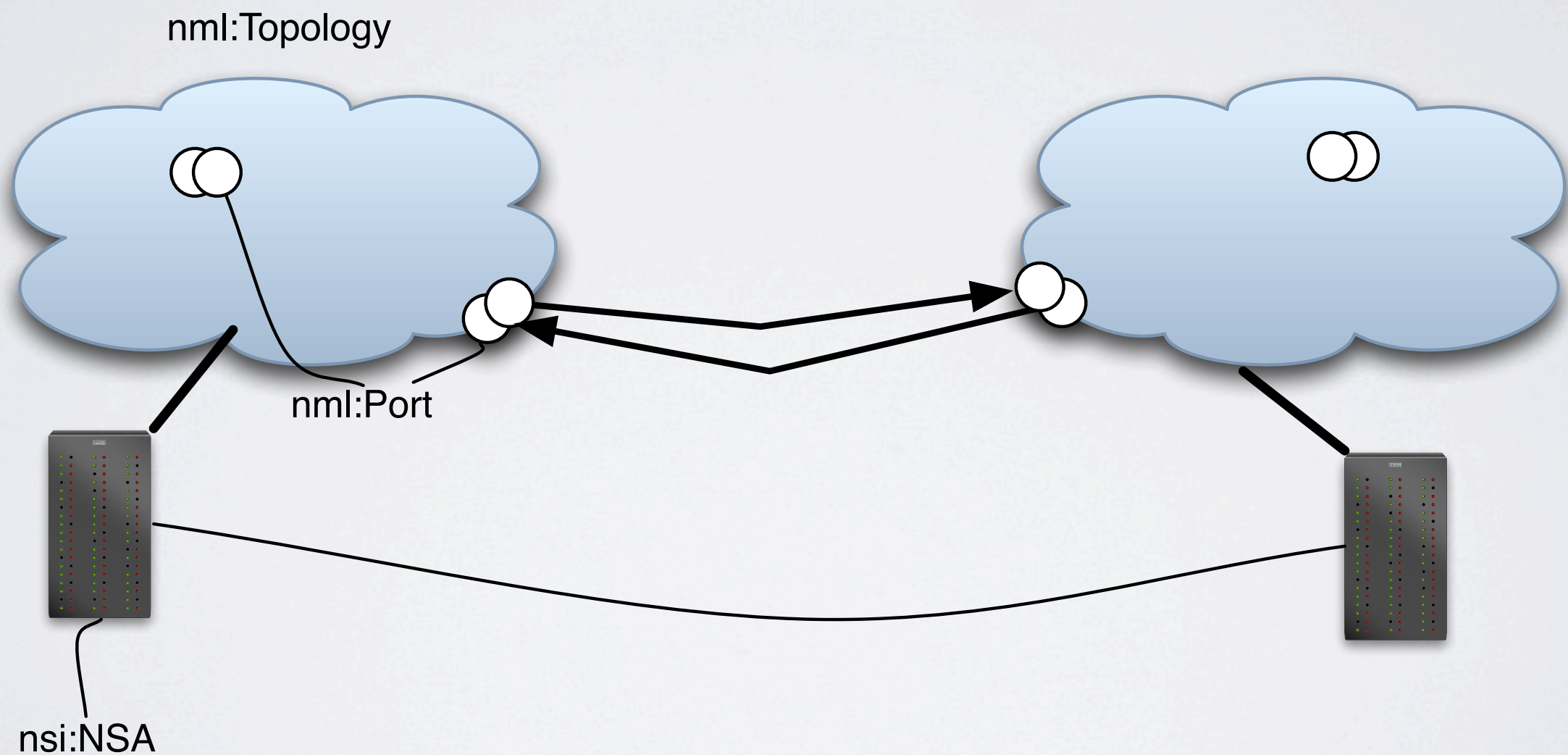


# NSI Topology View





# NML & NSI Representation



<i>NSI Concept</i>	<i>Representation</i>
STP	2x nml:Port / nml:BidirectionalPort
Connected To	nml:alias
NSNetwork	nml:Topology
Has STP	nml:hasPort
Located at	nml:locatedAt
Location	nml:Location
GPS coords	nml:lat, nml:long
NSA	nsi:NSA
Network managed by NSA	nsi:managedBy
Admin Contact	nsi:adminContact
Provider endpoint URL	nsi:csProviderEndpoint
Control-plane connections	nsi:peersWith