NML & NSI

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urn:ogf:network

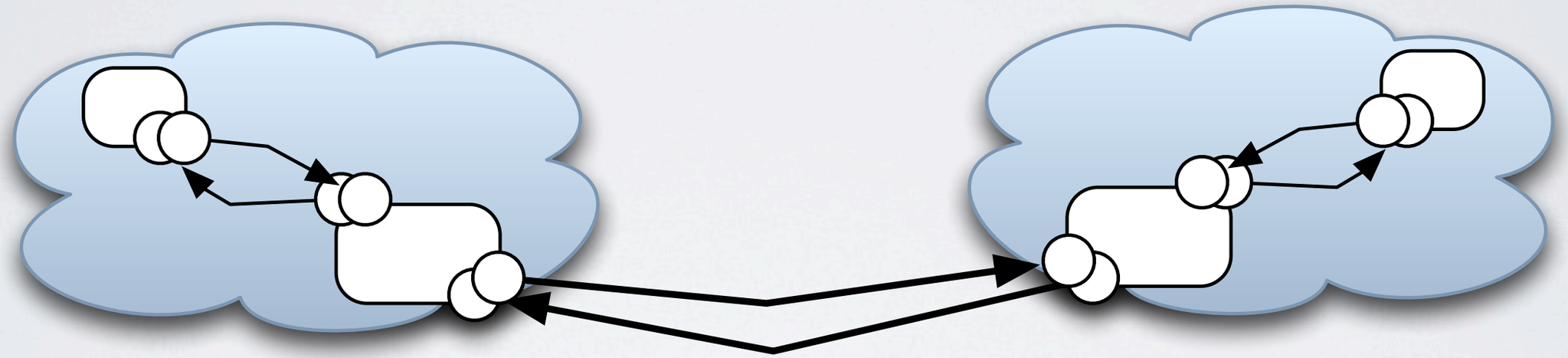
- Document going into Public Comments period

- Summary:
  - NURN = “urn:ogf:network” + ORGID + OPAQUE
  - ORGID = FQDN + DATE

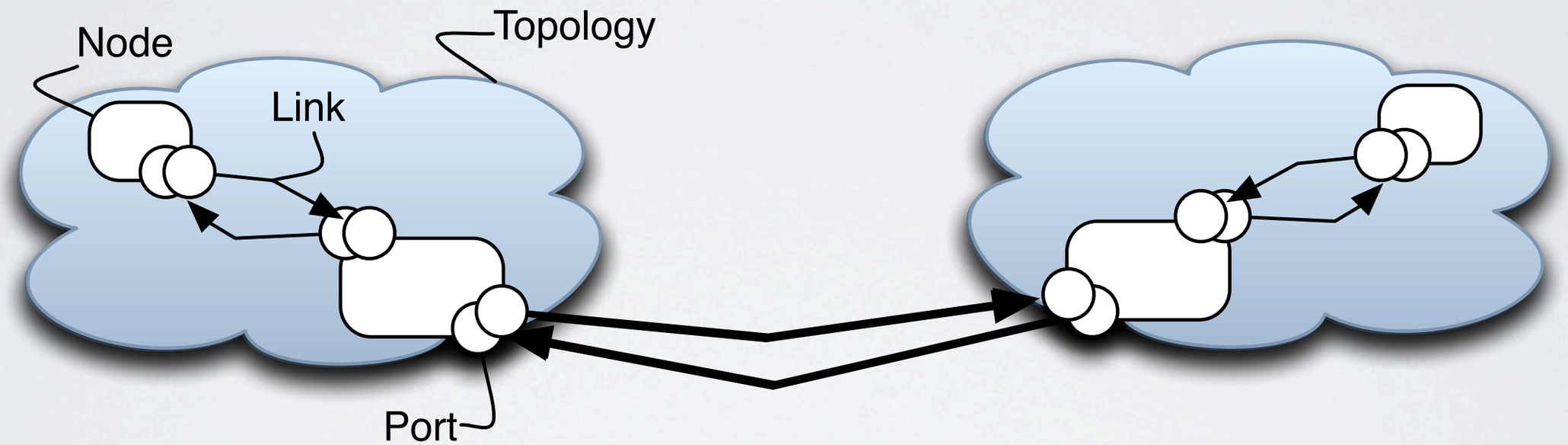
Interaction NML - NSI

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

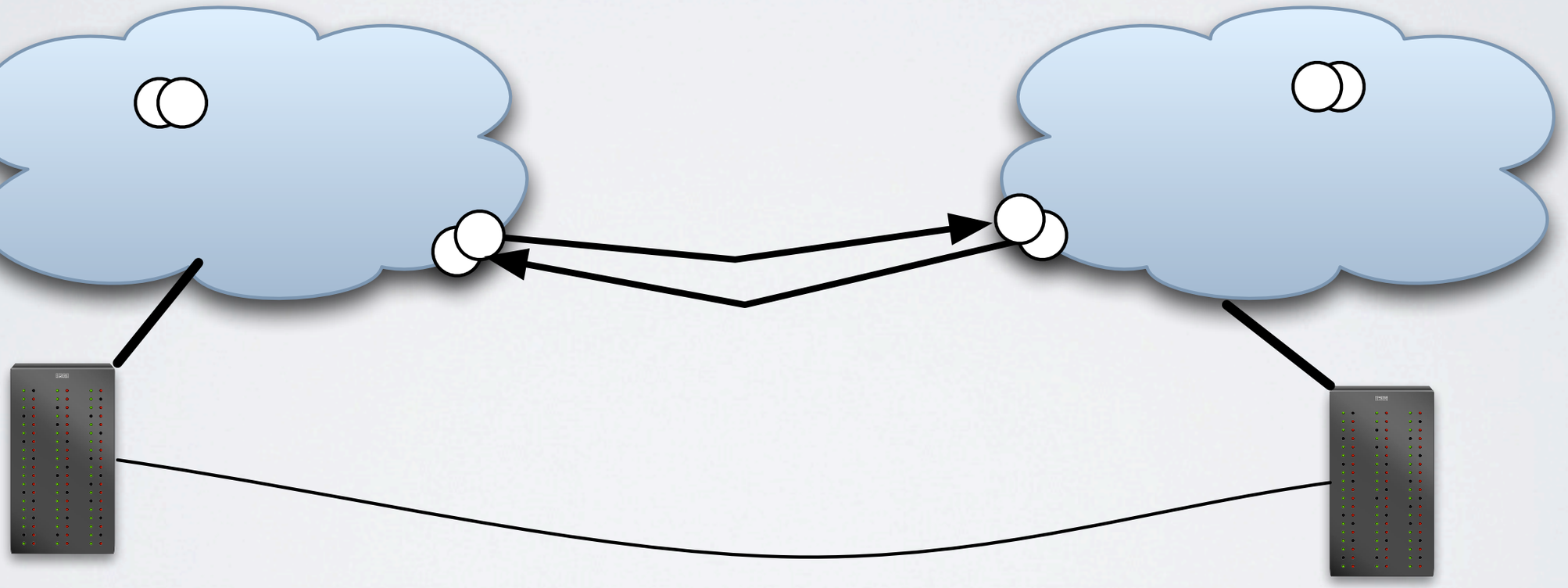
NML Topology View



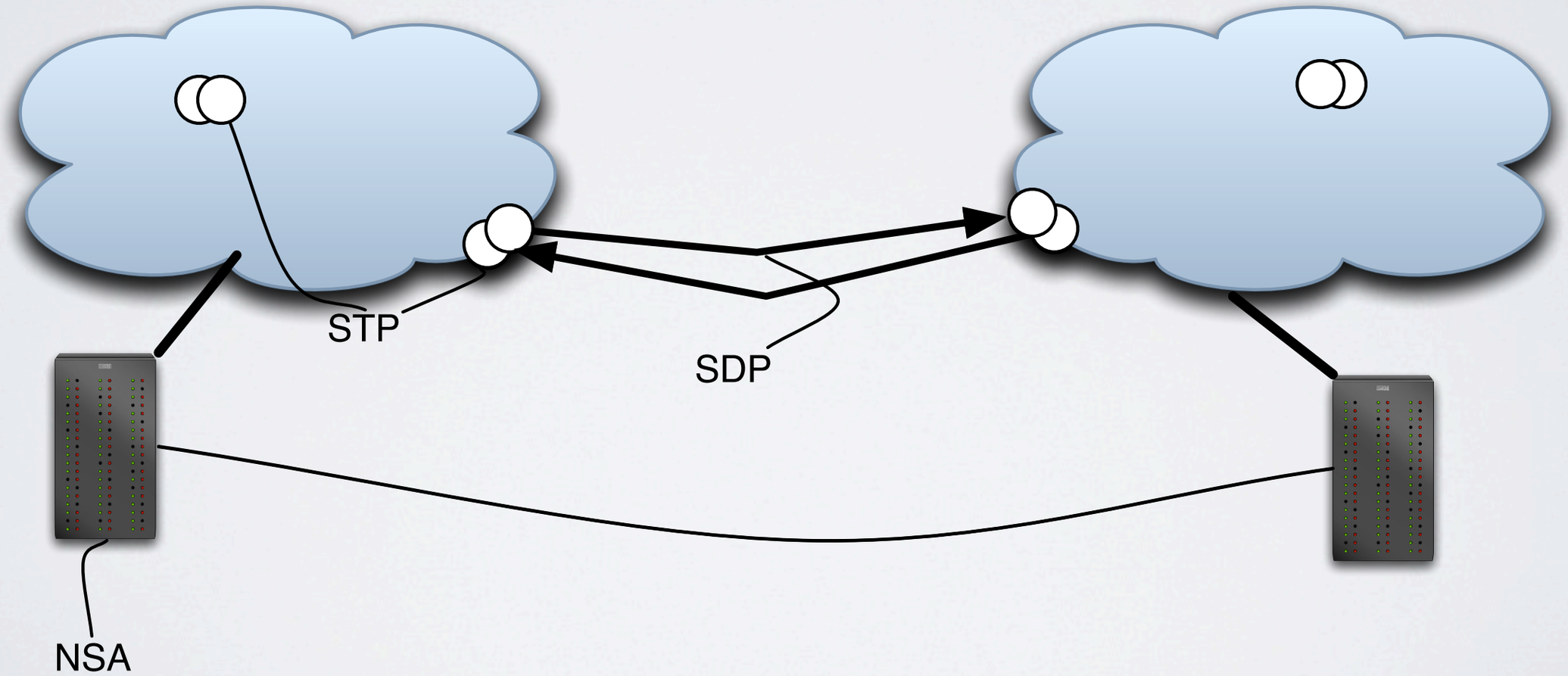
NML Topology View



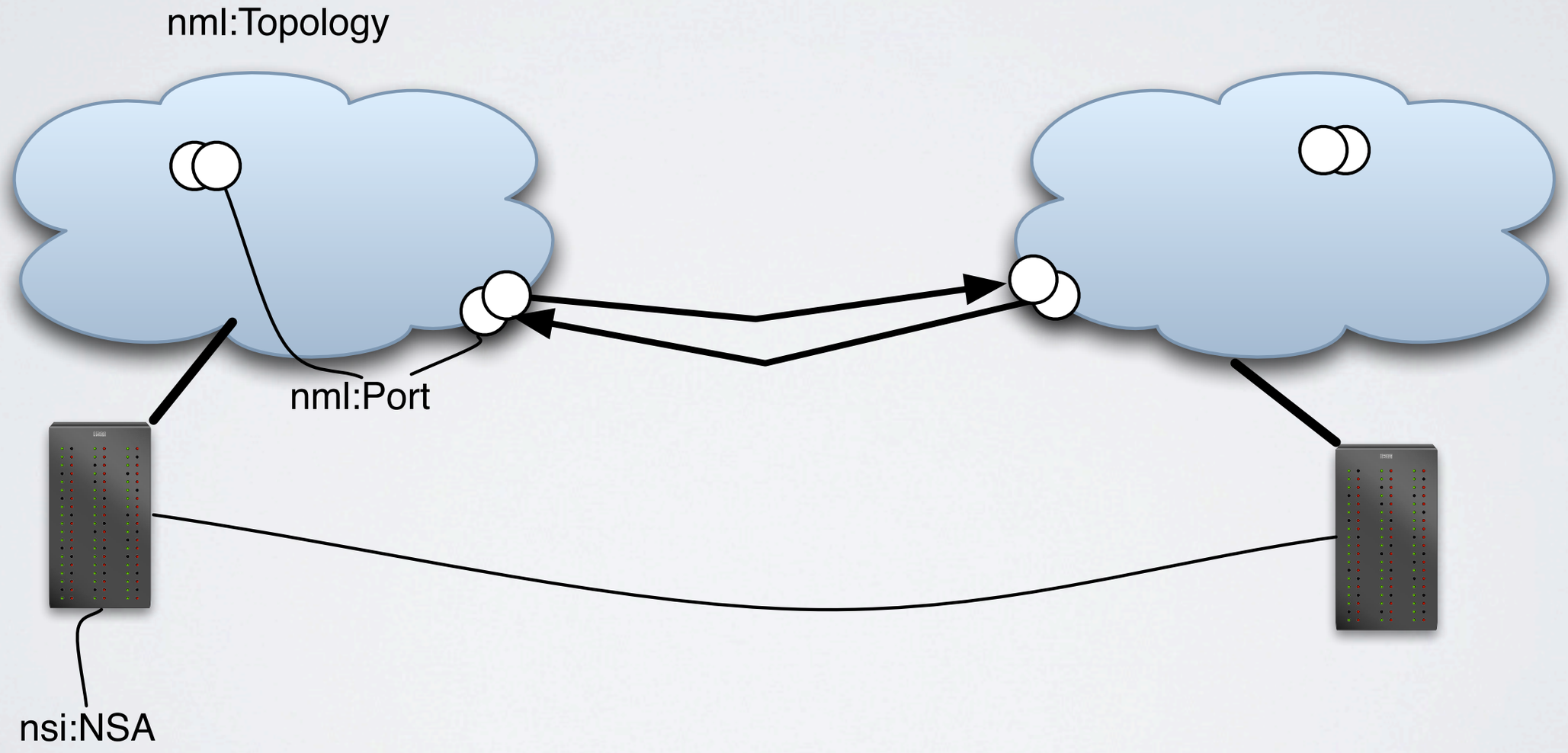
NSI Topology View



NSI Topology View



NML & NSI Representation



NSI Concept	*Representation*
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