# Minutes NSI-WG conf call 18 Feb 2015

***Attendees:***

Henrik TJ.

Chin G.

Miroslav Z.

Michal B.

Diederik V.

John M.

Tomohiro K.

***Apologies:***

Guy R.

***Agenda:***

* Henrik from NORDUnet to present his NSI Topology Service proposal.

***Minutes:***

NORDunet presented their NSI Topology Service proposal

Discussion

* John: NSI is suppose to model service (i.e. STPs), but uses NML to annotate it
* Henrik: Issue is that path finder has to interpret service offering and map it to topology (NML)
* John: The service is currently attached to the switching service in the current NSI topology model
* Henrik: The “ReachableNetwork id” indicates ingress connectivity
* Chin: Adding a new network will require all peers and peers of peers’ Service Table to change because they have to reflect the new connectivity. Henrik: Similar with BGP, which has ~4 networks to update
* Miroslav: (Slide 11) If A selects optimal path to B and B selects optimal path to C, then it should be the optimal path from A to C? Henrik: No, because A may use link load to determine which path to take
* Miroslav: We discuss the service, but omit the characteristics (e.g. jitter, latency, etc) Henrik: These characteristics can be embedded in the ServiceTypes. Chin: Since this is based on end reachability, quantifying the characteristics may be hard (e.g. jitter is not additive, but latency is)
* Miroslav: This solution indicates topology is not necessary. Henrik: Topology is not needed. Chin: Topology may be needed for other services (e.g. measurements, monitoring)
* Miroslav: Is there more details on the implementation. Henrik: There are some details, e.g. XML, but haven’t worked on fully implementing it. Similar to GNS so it should be easy to prototype.