

Transport NBI Design Team Update

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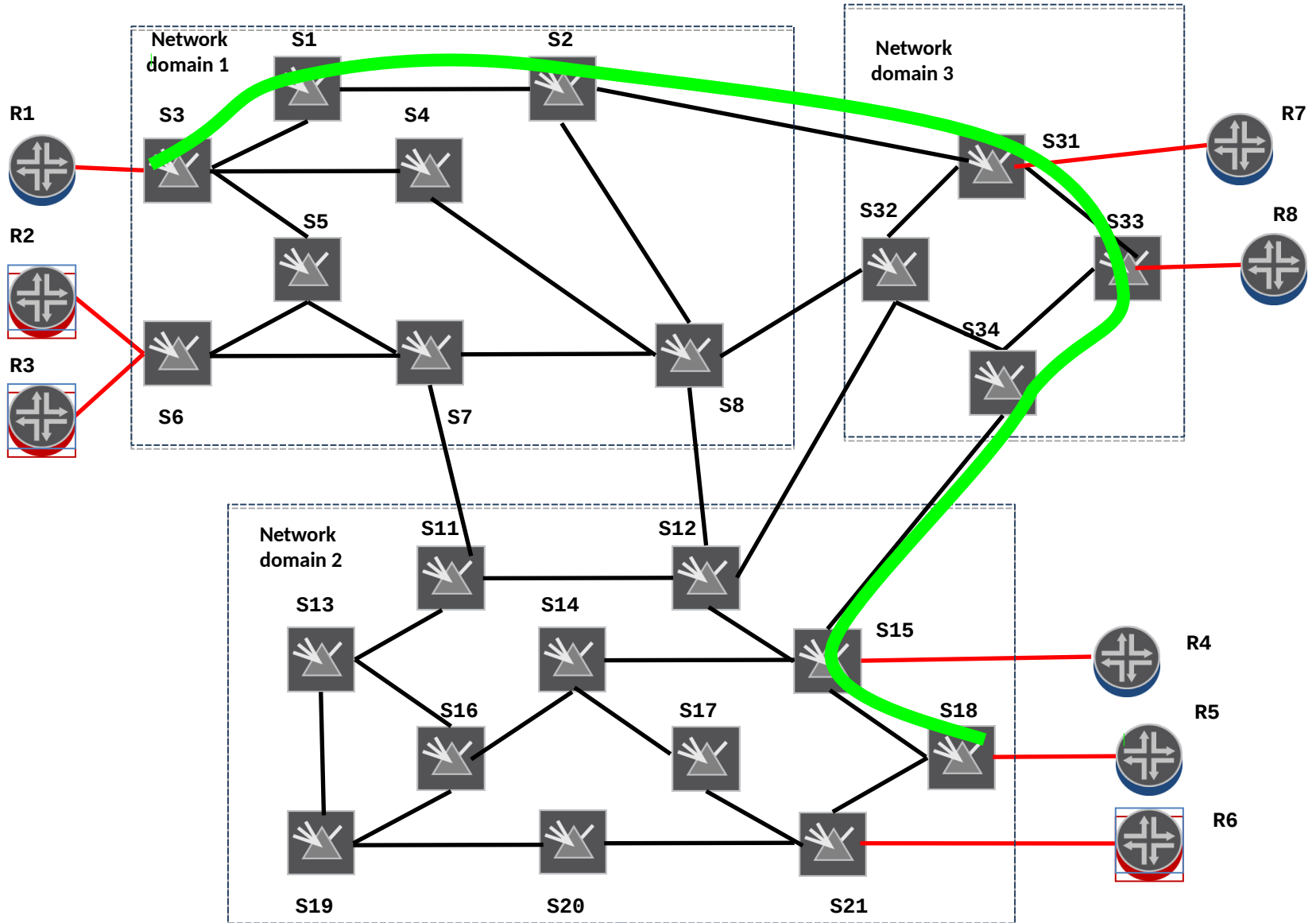
Transport NBI DT

- Design Team's Goals and Deliverables:
 - Develop use cases and gap analysis
 - Identify a set of technologies use cases and providing a gap analysis against existing models
 - Identify missing models or capability
 - Coordinate requirements with appropriate WGs
 - Including TEAS, RTGWG and CCAMP itself
 - Providing guidelines in terms of how all the related models can be used in a step-wise manner
 - Using a couple of well identified transport network use cases
- Working methods
 - Mailing lists & Conference calls
 - GitHub: <https://github.com/danielkinguk/transport-nbi>

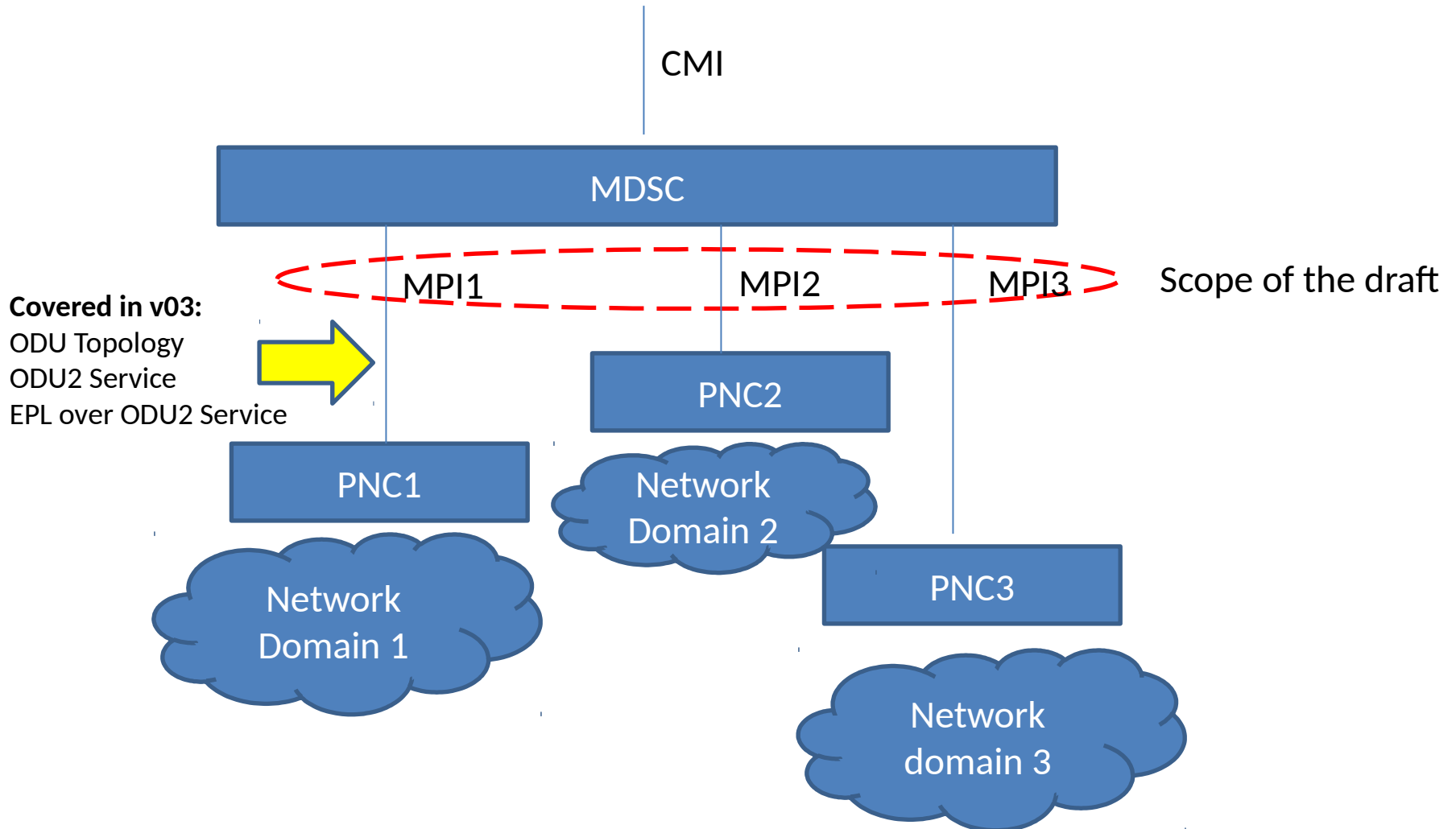
Applicability Statement Updates

- New version: [draft-ietf-ccamp-transport-nbi-app-statement-03](#)
 - Clarify the scope of the applicability statement scenarios as per comments received during IETF 102
 - Added text for the Security and Management sections and refined some text to improve the clarify
 - Completed the JSON topology example with the I2RS and TE topology models identifiers
 - Updated abstraction levels of different PNCs
 - JSON code folded using the tool in <https://tools.ietf.org/html/draft-kwatsen-netmod-artwork-folding-08> (recently adopted as Netmod WG document)
- Latest version: [draft-ietf-ccamp-transport-nbi-app-statement-04](#)
 - Just fixing some formatting issues with the -03 version

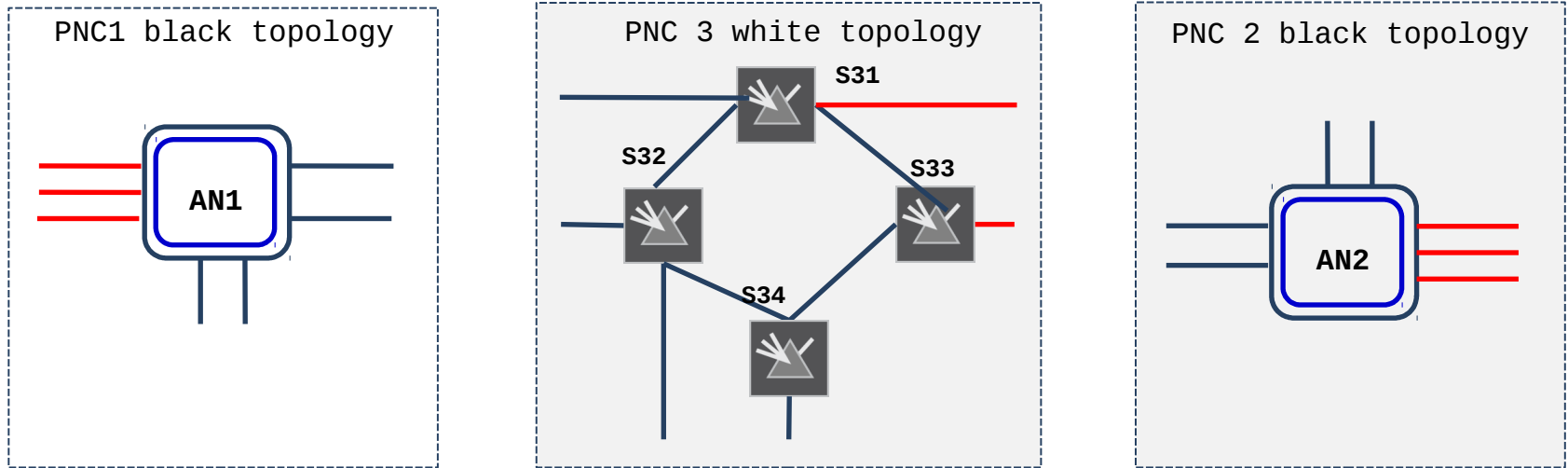
Reference Network



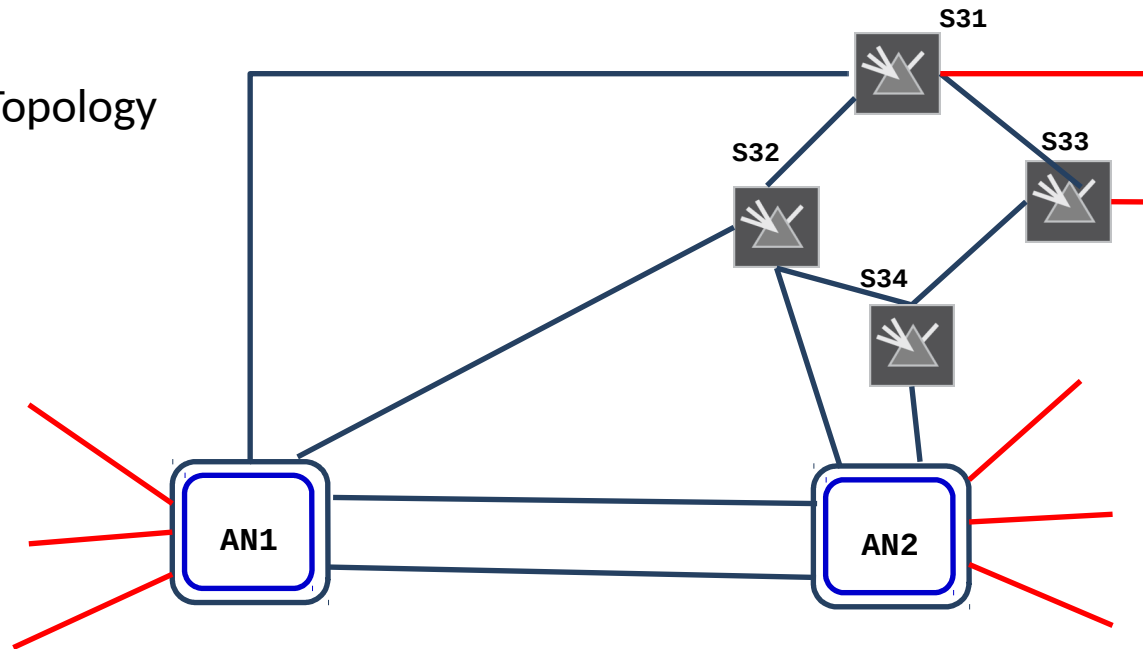
Control Hierarchy



TE Topology Abstraction

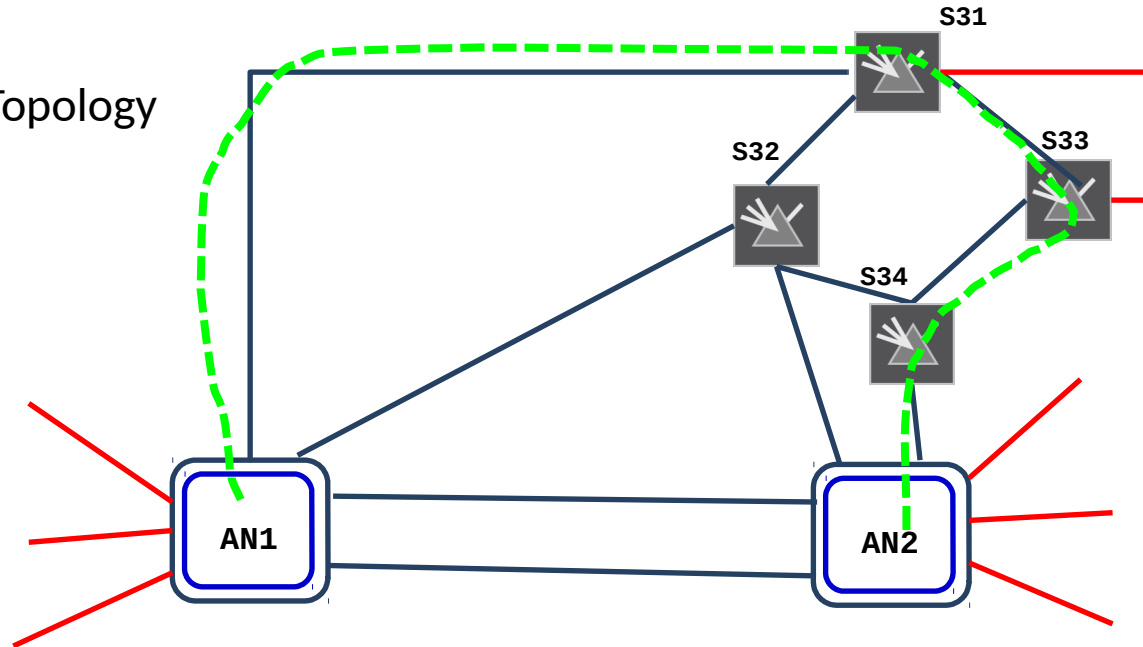


MDSC Internal Topology

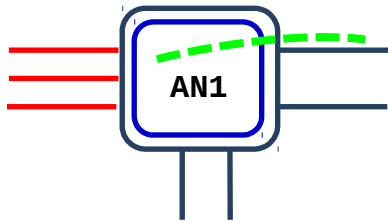


TE Tunnel Setup

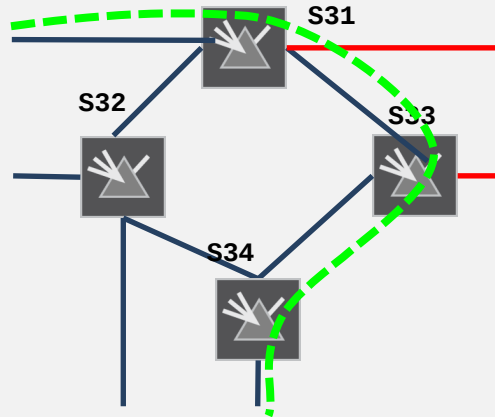
MDSC Internal Topology



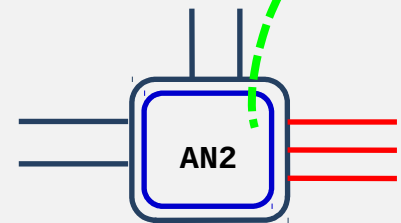
PNC1 black topology



PNC 3 white topology



PNC 2 black topology



Open Issues

- Complete the examples
 - Add plug-id information
 - Add TTP and client adaptation information
- Prioritize the next example(s)
 - EVPL and/or multipoint Ethernet services?
 - Multi-function access links?
 - Protection/restoration?
 - Service modification?
- Discuss some questions for clarifications with TE Topology authors
 - <https://github.com/danielkinguk/transport-nbi/issues/51>

Next Steps

- Publish v05 of [draft-ietf-ccamp-transport-nbi-app-statement](#)
 - Address open technical issues
 - Align text with the TE tutorial
 - Complete examples for ODU2, EPL and other client service configuration
 - Add other examples (based on priority)
- Face-to-face DT meeting planned during IETF 103