

A YANG Data Model for Microwave Topology

draft-ietf-ccamp-mw-topo-yang-05

<https://datatracker.ietf.org/doc/html/draft-ietf-ccamp-mw-topo-yang-05>

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Status

- WG Last Call has been completed
- Comment Resolution with the commenters is underway
- Discussion on Mailing List
 - <https://mailarchive.ietf.org/arch/browse/ccamp/?q=mw-topo-yang>
- Next step is to implement the changes in the draft (mostly YANG)

Summary of the changes (TBA)

- Support for multi-technology single instance topology
 - MW Node presence container
 - MW TP presence container
 - MW Link presence container
- Range
- Mandatory true
- Bandwidth units: bits/second

Plan

- Socialization of bandwidth availability topology yang and interface reference topology yang
 - A YANG Data Model for Bandwidth Availability Topology
 - <https://github.com/ietf-ccamp-wg/draft-ietf-ccamp-bwa-topo-yang>
 - A YANG Data Model for Interface Reference Topology
 - <https://github.com/ietf-ccamp-wg/draft-ietf-ccamp-if-ref-topo-yang>
- Continue weekly conference calls
 - 0500-0600 (UTC -4) (EDT)
- Continue individual work on an update to RFC 8561 (A YANG Data Model for Microwave Radio Link)
 - The draft is still in “individual draft” state
 - <https://github.com/samans/draft-ybam-rfc8561bis>
 - The generic rlt-mode could be added in a bis of RFC 8561
 - Better modeling of microwave radio link characteristics (aligning with the microwave topology model)
 - Other enhancements like Latency, Fade, BER, Power consumption etc. could be explored
 - Reach maturity for working group adoption before IETF 118