

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

- Main changes compared to previous version
 - Split draft into three drafts
 - A YANG Data Model for Microwave Topology
 - <https://github.com/ietf-ccamp-wg/draft-ietf-ccamp-mw-topo-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>
 - No material changes to the content, just moved it around to enable the bandwidth availability topology and interface reference topology work to be reused by other technologies (not just for microwave)
 - As noted by a CCAMP WG Chair:
 - Please note that the two new drafts have been published as WG documents since it's just a split of the model already adopted by the WG.
 - See summary here:
<https://mailarchive.ietf.org/arch/msg/ccamp/2NICZa6rN85bm9eezYrwwNtbhmc/>

Issues and To do

- For the Interface Reference Topology
 - [Issue #3](#) has two open topics
 - Location of tp-to-interface-ref node in the YANG tree. The authors agree, but the change has not yet been implemented.
 - Which working group will be the best home to progress if-ref-topo-yang and bwa-topo-yang
 - Created new issues to highlight the discussions that need to complete.
 - [if-ref-topo-yang-git: Issue #5](#), update the location of tp-to-interface-ref node.
 - [if-ref-topo-yang-git: Issue #6](#), find a working group home for bwa-topo-yang and if-ref-topo-yang.
- Keep the Informative Example in mw-topo-yang up to date with any changes to tree structure related to issue above

Plan

- Last Call on Microwave Topology YANG
- Socialization of bandwidth availability topology yang and interface reference topology yang
 - And find a home working group
- Continue weekly conference calls
 - 0500-0600 (UTC -4) (EDT)
- Discuss plan for 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 encapsulation of microwave radio link characteristics (thus simplifying the microwave topology model)
 - Other enhancements like Latency, Fade, BER, Power consumption etc. could be explored