A YANG Data Model for Microwave Topology

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
    - A YANG Data Model for Bandwidth Availability Topology
    - A YANG Data Model for Interface Reference Topology
  - 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/2N1CZa6rN85bm9eezYrwwNtbhmc/](https://mailarchive.ietf.org/arch/msg/ccamp/2N1CZa6rN85bm9eezYrwwNtbhmc/)
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](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