A YANG Data Model for Microwave Radio Link

draft-ybam-rfc8561bis

https://datatracker.ietf.org/doc/draft-ybam-rfc8561bis/

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Status

- This -01 draft continues work on a bis of RFC 8561 (YANG Model for Microwave Radio Link)

- The github is found here: https://github.com/samans/draft-ybam-rfc8561bis

- Weekly calls to discuss updates needed to existing RFC 8561 YANG model.

- Main objects now are to
  - Finish GAP Analysis between the existing RFC 8561 and the ETSI microwave work.
  - Implement agreed YANG changes
  - Progress to working group status
Open Issues under discussion (Join the Discussion!)

- **Hardware model**
  - Considering this might be yet another YANG module or input to a different YANG module
- **Identified as gaps (feature in the ONF model that is not in the existing IETF radio link model) that are for consideration to be filled**
  - Ethernet compression on Radio Link
  - Tx Power min in ATPC - Automatic Transmit Power Control (ATPC)
  - `air-interface:maintenance-timer` - Duration for maintenance configuration
  - MW-Link encryption - would like to use `draft-ietf-netconf-crypto-types` (instead of inventing something)
  - `air-interface:receiver-is-on` - modeling issue with completeness of attributes for receiver
  - Trail trace identifier (TTI) -- enhancement would create a new augmentation of IETF Interface, this may not belong in the radio link draft. More discussion here: `ietf-ong-gap-discussion.yang.txt`
  - ONF Gap Analysis -- provides a pointer to the full gap analysis
- **Other open issues related to new features and yang enhancements**
  - [https://github.com/samans/draft-ybam-rfc8561bis/issues](https://github.com/samans/draft-ybam-rfc8561bis/issues)
Plan

• Discussion continues on github:
  • https://github.com/samans/draft-ybam-rfc8561bis
  • https://github.com/samans/draft-ybam-rfc8561bis/issues

• Weekly meetings

• Request working group adoption and increase awareness of the work among the working group to expand review.