

Status of Common Interface Extension YANG Data Models and Sub-interface VLAN YANG work in NETMOD

<https://github.com/netmod-wg/interface-extensions-yang>

<https://github.com/netmod-wg/sub-intf-vlan-yang>

S. Mansfield (Ericsson) - presenting

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Status

- Both of the following drafts expired in Jan 2021
 - Common Interface Extension YANG Data Models
 - <https://datatracker.ietf.org/doc/html/draft-ietf-netmod-intf-ext-yang/>
 - Sub-interface VLAN YANG
 - <https://datatracker.ietf.org/doc/html/draft-ietf-netmod-sub-intf-vlan-model>
- At IETF 114 the desire to progress these documents had rough consensus
- The work has progressed on the Common Interface Extension YANG Data Models draft
- Support needed
 - Indication from existing authors if they want to remain on the drafts
 - With Scott Mansfield and Don Fedyk listed as Editors
 - Access to the repositories for each draft so changes can be pushed/pulled

Common Interface Extension YANG Data Models

- There are 6 open issues
 - <https://github.com/netmod-wg/interface-extensions-yang/issues>
- Specifics
 - [Add in-discards-unknown-encaps #35](#)
 - Resolved previously to use “if-feature augment”, suggest use resolution in next draft.
 - [Suggest to add a paragraph in the section 5 to explain which common type or type in specific module is imported #21](#)
 - Resolved previously and text added to draft, suggest use resolution in the next draft.
 - [Agree on semantics and name for l2-mtu #18](#)
 - Resolved previously and text was added, suggest use resolution in the next draft.
 - [Add new "ietf-interfaces-common:in-discards-overflow" #15](#)
 - Added in-discard-overflows, need a full description, use in the next draft.
 - [Add in-pkts and out-pkts counters #14](#)
 - Resolution is to not add the counters, rationale is that this module is the wrong module.
 - [Sec 3.1 Carrier delay, directly reference oper-status leaf #2](#)
 - Changed carrier-delay to link-flap-suppression (and fixed all associated descriptions and text)
- Once the current authors have agreed and issues with git are resolved
 - Generate and post a draft
 - Revive discussion on mailing list
 - Last Call by IETF 116 (or at least a draft to present)!

Sub-interface VLAN YANG

- Work has not progressed yet
- Plan is to follow same process as the Common Interface Extension work
- Same need for current Authors to express their opinion
- Git permissions are needed here

Plan

- Continue to progress the drafts
- Communicate with the current authors