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

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IETF 115  NETMOD  November 2022
Status

• Both of the following drafts expired in Jan 2021
  • Common Interface Extension YANG Data Models
  • Sub-interface VLAN YANG

• 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](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