

Consensus Building

9th Jan, Huntington Beach, CA US

IEEE 802.3 Interim meeting

Model Development Process

- Follow the process indicated on page 3 of “wilton_3cf_01_0117.pdf”.
- Follow the guidelines and best practices stated on page 4 of the “wilton_3cf_01_0117.pdf”

Ethernet Interface module structure

- Split into `ieee802-ethernet-interface.yang` and `ieee802-ethernet-interface-deprecated.yang` for Ethernet interface module.
 - Figure out new term for deprecated.
 - Use `*legacy*` instead
- Other Ethernet features/protocols would be expected to augment:
 - `/if:interfaces/if:interface/eth-if:ethernet`
 - `/if:interfaces-state/if:interface/eth-if:ethernet`

Basic Interface Statistics

- Leave Clause 30 counters as they are.
- All counters in YANG model can be 64bit.
- Histogram counters should be generic and go to Ethernet-like module in IETF. Please refer to page 12 in “wilton_3cf_03_0117.pdf”.
- Don't redefine attributes but refer to definitions in Clause 30.

Policy of formatting modules

- Attributes used in YANG should be referred back to Clause 30.
- Attributes defined in MIB(IEEE std 802.3.1) but not in Clause 30 should get back to Clause 30 or go to Ethernet-like module.

YANG hierarchical structure

- Use the YANG hierarchical structure on page 5 and UML diagram on page 6 in “zhuang_3cf_01b_0117.pdf” as the basic hierarchical structure for IEEE 802.3 Ethernet modules.

Next Step

- Ask groups to review the modules on the github and provide comments. (provide guidance on the Task force webpage)
- Get consensus on attributes and modeling of these modules by ad hoc calls
- March Plenary meeting:
 - Adopt Ethernet interface module
 - Discussion on other modules
 - Adopt timeline and plan for draft

Thank you!