

Ethernet Link OAM module Update

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V1.1

Recap

- ELO module (market needs, approach and structure) presented on the 19th June call and July Berlin meeting, 2017.
 - <http://www.ieee802.org/3/cf/public/adhoc/ELO%20Yang%20Model.pdf>
 - <http://www.ieee802.org/3/cf/public/july17/ieee802-ethernet-link-oam.yang>
- Feedback
 - ELO is needed in the market, it would be good to standardize it.
 - Providing mappings between data nodes from the module and managed objects from Std 802.3 would help people to review.

Progress

- Sort out mappings between data nodes and managed objects in Clause 30/Clause 57
 - The module covers all objects in Table 6-1 in IEEE 802.3.1-2013 MIB.
- Module Updates:
 - Add a “loopback-mode” node under the remote container for “.aOAMRemoteState”
 - Add “admin” node under the link-oam container for “aOAMAdminState” and “acOAMAdminControl”.
 - Change reference to IEEE 802.3-2015
 - Update references to proper objects in Clause 30
 - Change of “origination” and “contact”
 - Remove the rpcs.
- Prepared texts for ELO module session mainly based on section 6 in IEEE 802.3.1-2013 MIB.
- Please review mappings in “Mapping for ELO module-v1.1.docx” to evaluate the module.

Thank you!