YANG Model for L1CSM

CCAMP WG, IETF110, Virtual Meeting

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Summary of Changes (with -13)

• Addressed comments from Tom Petch
  – Open issues created for SLS model
  – YANG model clean-up
  – Move JSON examples to an Appendix
• Github repository:
  https://github.com/haomianzheng/IETF-ACTN-YANG-Model
Rules for inconsistent <p,c,o>

• Not all the possible combinations of protocol, coding function and optical interface function are allowed in MEF63
  – See Tables 4, 5, 6 and 7 of MEF63

• How to check valid combinations have been configured?
  – Use of must statement seems not working with identities
  – Describe this check in the document and not in YANG?
Where and How to check with NMDA

- The invalid configuration can be accepted in the <running> DS and not applied in the <operational> DS
  - How to inform the client that the configuration has not been applied because invalid?

- The invalid configuration can be rejected and not accepted in the <running> DS
  - Does RFC8342 allows “back-end” checks before accepting configuration in the <running> DS?
  - Should we define the protocol error message in the draft or leave it implementation-specific?
Next Step

• Resolve pending open issues
  – Process rules for inconsistent <p,c,o> (#72)
  – Coordinate the PM metrics with other documents (#83)
  – Align the SLS monitoring model with MEF63 requirements (#84)

• Get more review and feedbacks from the WG