A YANG Data Model for L1 Connectivity Service Model (L1CSM)

CCAMP WG, IETF 114
draft-ietf-ccamp-l1csm-yang-17

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Document Status & Update

• Last presented in IETF 109 for -13;
• Fixed comments in YANG Doctor LC Review
  – Provided more detailed description in some leaf nodes;
  – Moved the JSON example to appendix;
  – Editorial changes;
• 2 issues to be discussed and then ready for WG LC;
• Github repository:
  https://github.com/haomianzheng/IETF-ACTN-YANG-Model
Open Issues – PM coordination

• Background:
  – Current work has the PM metric specified in MEF63;
  – Reconcile with ITU-T G.826 and M.x would be useful;
  – Also need to coordinate with other PM models, e.g., draft-zheng-ccamp-client-pm-yang

• Resolution:
  – Option 1: Remove the PM related part and proceed, and leave the work to PM models; (Preferred)
  – Option 2: Leave it with only MEF 63 alignment;
  – Option 3: Re-do the PM part in this draft for a wider alignment;
Open Issues – Constraint in the YANG

• Background:
  – According to MEF63, the configuration of the protocol, coding-function and optical-interface-functions attributes should be consistent: see Tables 4, 5, 6 and 7 of MEF63;
  – This condition can only be captured in the description but not the module, according to the discussion from Netmod WG.

• Resolution:
  – Review and update the descriptions by adding the constraints
Next Step

• Do an update with the agreement and request WG Last Call;
Thank you!