

Summary of potentially missing 60802 YANG data models

Amin Abdul
Molex Canada

July 2020

Summary of potentially missing IEEE 802.1 YANG Data Models

- Management entities for FQTSS (IEEE Std 802.1Qcc clause 12.20)
 - The Bandwidth Availability Parameter Table (12.20.1).
 - The Transmission Selection Algorithm Table (12.20.2).
 - The Priority Regeneration Override Table (12.20.3).
 - The SR Class to Priority Mapping Table (12.20.4).
- Stream reservation remote management (IEEE Std 802.1Qcc clause 12.32)
 - Bridge Delay (12.32.1).
 - Propagation Delay (12.32.2).
 - Static Trees (12.32.3).
 - [MRP External Control \(12.32.4\)](#).
- Bridge Protocol Entity (IEEE Std 802.1Q-2018 clause 12.8), e.g. RSTP/MSTP, Port State ...
 - The Protocol Entity (12.8.1).
 - Bridge Port (12.8.2).
- IEEE Std 802.1Q-2018 clause “12.4.1 Bridge Configuration”
 - Read Bridge (12.4.1.2)
 - Set Bridge Name (12.4.1.3)
 - Reset Bridge (12.4.1.4)

Summary of potentially missing IEEE 802.1 YANG Data Models

- IEEE Std 802.1Q-2018 clause “12.7.1 The Filtering Database object”
 - Read Filtering Database (12.7.1.1)
 - Set Filtering Database Ageing Time (12.7.1.2)
 - Read Permanent Database (12.7.6.1)
 - Create Filtering Entry (12.7.7.1)
 - Delete Filtering Entry (12.7.7.2)
 - Read Filtering Entry (12.7.7.3)
 - Read Filtering Entry Range (12.7.7.4)
- IEEE Std 802.1Q-2018 clause “12.12 MST configuration entities”
 - The MSTI List object (12.12.1)
 - The MST Configuration Table object (12.12.3)
- IEEE Std 802.1Q-2018 clause “12.10.1 Bridge VLAN Configuration managed object”
 - Reset Bridge (12.10.1.5)
- IEEE Std 802.1Q-2018 clause “12.10.2 VLAN Configuration managed object”
 - Create VLAN Configuration (12.10.2.2)
 - Delete VLAN Configuration (12.10.2.3)
- IEEE Std 802.1Q-2018 clause “12.10.3 The VID to FID allocation managed object”
 - Read VID to FID allocations (12.10.3.1)