

YANG Models for IEEE 802.x

Mahesh Jethanandani (Ciena)

Motivation

- RFC 3535 – Overview of the IAB workshop
 - Common configuration model
 - Proprietary CLIs not an option
 - MIBs had their own issues
 - NETCONF protocol in 2006
 - YANG language definition in ~2008
- YANG data models development in other SDOs
- Industry activities like OpenDayLight have chosen YANG for the Model Dependent
- Gap: YANG data models for IEEE

Proposal

Scope

- Develop YANG data models
- Project proposal to have deliverables for:
 - 802.1D
 - 802.1Q
 - 802.1AB
 - 802.1w
 - 802.1x

Proposal

Scope

- Initial deliverable: YANG Models that model
 - 802.1D
 - 802.1Q

Proposal

Scope

- Following deliverable: YANG Models that model
 - 802.1AB
 - 802.1w
 - 802.1x

Reference Module(s)

- RFC 7223 – ietf-interface.yang
- MEF 38 – Service OAM Fault Management YANG Module
- MEF 39 – Service OAM Performance Monitoring YANG Module

Motion

- Approve contribution to develop project proposal on YANG data models for IEEE
- Move:
- Second:
- Voting: