YANG Models for IEEE 802.x

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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
Scope

• Develop YANG data models
• Project proposal to have deliverables for:
  – 802.1Q
  – 802.1AB
  – 802.1X
Scope

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

• Following deliverable: YANG Models that model
  – 802.1AB
  – 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

- Straw poll on whether there is interest in developing a project proposal on YANG data models for IEEE
  - Yes: 20
  - No: 0