

# 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

# Proposal

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## Scope

- Develop YANG data models
- Project proposal to have deliverables for:
  - 802.1Q
  - 802.1AB
  - 802.1X

# Proposal

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## Scope

- Initial deliverable: YANG Models that model
  - 802.1Q

# Proposal

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## Scope

- Following deliverable: YANG Models that model
  - 802.1AB
  - 802.1X

# Reference Module(s)

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

# Motion

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