Status of PSE model

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Background

- Define YANG Models for DTE Power via medium dependent Interface (MDI)
- Present in September meeting at http://www.ieee802.org/3/YANG/public/sept16/li_yang_01_0916.pdf

Comments from September meeting

- IEEE 802.3 would be happy to provide the main power source management if 802.1 does not cover it.

- Ask for comments and feedbacks from PoE group, work with them.

- Whether L2 negotiation should be included in the PoE model.

Comments resolution

- Chat with 802.1
  - Main power source management is not in 802.1 scope, while LLDP for PoE is included in 802.1AB.
- Feedbacks from 802.3bt: Presented on Monday afternoon
  - Current module is based on previous PoE spec without new features, which are fine.
  - However, new managed objects/attributes are developed in 802.3bt spec. It should be 2 meeting cycles to finish the work. How can new objects/attributes to be included?
    - New features/attributes can be augmented even if the PoE module is done or be added into the module.
  - We will work with 802.3bt to see the extension.
- LLDP
  - LLDP provides more features with various attributes, which should be a separate model to include all features.
  - 802.1 doesn't have a project open to create YANG for 802.1AB.

Next Step: Move forward

- Adopt proposed parameters in li_yang_01_0916.pdf as the parameters for PSE device module.

- Track work of managed objects in 802.3bt and improve the PSE module.

- Discuss with IEEE 802.1 on work of YANG for LLDP.

Questions?