

# IEEE 802.3 WG Opening Plenary Report

## IEEE 802.3 YANG data model(s) Call For Interest

Yan Zhuang, Huawei Technologies

IEEE 802.3 Plenary meeting

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# Overview and Motivation

- Background
  - YANG is the corner-stone for the reliable, transaction-oriented and vendor-independent network management scheme, providing functionality and operational consistency across different platforms, vendors, and implementations.
- Motivation
  - Developing YANG data model(s) for IEEE 802.3 Ethernet PHYs to be used for automatic network management
  - YANG data model for 802.3 interfaces will provide all the statistics, state information, and configuration hooks for 802.3 Ethernet PHYs, providing the natural extension of existing SNMP/MIB-based management schemes.
- The IEEE 802.3 YANG call for interest is to initiate a Study Group to explore the market demand, modeling scope and its technical feasibility of Ethernet YANG data model.

# CFI Logistics

- CFI information and presentation posted at
  - [http://www.ieee802.org/3/cfi/request\\_0316\\_1.html](http://www.ieee802.org/3/cfi/request_0316_1.html)
- Consensus building presentation
  - Date: Tuesday, March 15<sup>th</sup>, 2016
  - Time: 6:30 PM to 7:30 PM
  - Room: TBD
- The Vote to determine if a Study Group will be formed will take place at the IEEE 802.3 Closing Plenary on the afternoon of Thursday, March 17<sup>th</sup>, 2016.