

# Minutes IEEE 802.3 YANG Data Models TF AdHoc meeting OCTOBER 28 2016

Prepared by Peter Jones

## Proposed Agenda:

1. Agenda/Admin Peter Jones

## Presentations posted at:

<http://grouper.ieee.org/groups/802/3/YANG/public/adhoc/index.html>

## Agenda/Admin Peter Jones:

Meeting began at 8:05am PT.

1. Reviewed the Attendance information related to the ad hoc.
2. Displayed patent slide deck, asked if we needed to review patent policy.
  - a. No one requested review.
  - b. Made call for potentially essential patents, no-one responded.
3. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
4. No previous meeting since Forth Worth to approve minutes for.
5. Presented the proposed agenda.
  - a. Added a slot to talk about OpenConfig Ethernet models.
  - b. Approved without objection.

## Presentations/Discussion.

### Basic Ethernet YANG Models Rob Wilton Cisco

- Interface config not covered in 802.3 model
  - Need to work out where various attributes live, between IEEE 802.3, 802.1, IETF etc.
  - Is “etherlike” part of 802.3 or IETF
- Optional Ethernet related configuration
  - FEC and Optical power monitoring – applies across PMDs, applies across technologies, need to figure out how to address this.
- Monitoring Ethernet interfaces
  - Assessing what’s currently supported/used in Cisco’s IOS-XR platform.
- Ethernet interface statistics
  - Don’t redefine something that’s already defined in a more generic model (e.g. IETF interfaces). Instead we should cross reference in our doc to provide mapping between specific 802.3 definitions and external generic model attributes.
- Cisco XR Ethernet Oper Model

- Optics related information: Media type, (e.g. 100GBASE-LR4) Vendor, part number, serial number should be part of a generic inventory model.
- Capability Reporting
  - We need to work out what we need.
  - We need to work with other groups (IETF etc.) to address how to define these in a common fashion.

**Chairs Comments & Work Plan     Yan Zhuang   Huawei Technologies**

- Which other groups/people do we need to get involved in this for drafting and/or reviewing?
  - Robert/Mahesh to start putting together a list.
  - Yan to consider how to engage these groups/individuals.

**OpenConfig Discussion     Mahesh Jethanandani     Cisco**

- Need to send PDF of slides to Peter/Yan.
- Quick background on OpenConfig (<http://www.openconfig.net/>).
- Need to talk though this in November.

Meeting closed – ~9:20am PT

**Attendees (from Webex + emails)**

Name	Affiliation	Attended 10/28
David Law	HPE	y
Mahesh Jethanandani	Cisco	y
Peter Jones	Cisco	y
Robert Wilton	Cisco	y
Yan Zhuang	Huawei	y
Attendee count		5