

Minutes IEEE 802.3cf YANG Data Models TF AdHoc meeting December 2016

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Peter Jones

Presentations posted at:

<http://www.ieee802.org/3/cf/public/index.html>

Agenda/Admin Peter Jones:

Meeting began at 7:05am 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.
3. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
4. Asked for approval of previous minutes?
 - a. Not required, approved at plenary.
5. Presented the proposed agenda.
 - a. Approved without objection.

Presentations/Discussion.

Process the work of the Task Force Yan Zhuang Huawei Technologies

- 802.3 structure
 - What's the structure for things like PoE or EPON.
 - If we pull half duplex off to the side, we can define it, and not force people to implement it if they don't want to.
 - Structure for LAG vs EPON – look at what's being done for VLAN in IETF NETMOD, building VLAN sub-interfaces. – Check with Marek.
 - Need to make sure that we can cover the N:1 and 1:N cases (e.g. link aggregation and IET),.
 - All dependencies from leaf to root.
 - Flat under interface management, not structured under 802, where would 802.11/802.15 fit in?
 - Come up with a proposal to show how this works to other groups when we settle down.
 - What's missing from this?
 - Which mac?

- PHY type and attributes?
 - Discussion about how the capabilities of YANG match the needs of this project and current customers. Goals include:
 - Enabling all management of these systems via YANG.
 - Exposing key per PHY capabilities.
 - Simplifying the model/usage for key use cases.
 - Think about three levels of network operations, health check, first level and second level operations.
- Leave the partition of to 802.3 to 802.3.1/802.3.2 intact.
 - Discussion about clause 45 vs clause 30.
 - SNMP vs YANG.
 - What level does 802.3 have to define/report, vs what comes off the system.

Plan for next meeting Yan Zhuang Huawei Technologies

- We did not get to this.

Open Discussion

- AdHoc chair encouraged follow up discussion on the reflector ahead of the next meeting in two weeks.

Meeting closed – ~8:10 PT

Attendees (from Webex + emails)

Name	Affiliation	Attended 12/05
David Law	HPE	y
Duane Remein	Futurewei, subsidiary of Huawei	y
Geoff Thompson	Independent	y
Peter Jones	Cisco	y
Robert Wilton	Cisco	y
Yan Zhuang	Huawei	y
Attendee count		6