

Minutes IEEE 802.3cf YANG Data Models TF AdHoc DECEMBER 19

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Peter Jones

Presentations posted at:

<http://www.ieee802.org/3/cf/public/adhoc/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, made call for potentially essential patents.
 - a. No one requested review.
 - b. No one responded to the call for potentially essential patents
3. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
 - a. Check this by reviewing minutes when published.
4. Asked for approval of December 05 2016 minutes?
 - a. Approved without objection.
5. Presented the proposed agenda.
 - a. Approved without objection.

Presentations/Discussion.

- **Basic Interface Model Update Rob Wilton Cisco**
 - Will create a “how to get access to code” note that we can post to website.
 - Will add a “development process that I’m following” note we can review – for Jan Interim?
 - RMON
 - Counters never transferred from IETF to IEEE, who owns this now, don’t want to overstep the boundaries and our charter.
 - How many of these are obsolete or derivative?
 - To what extent would we do this different if we had our time again?
 - Do we just define the set of Ethernet stats that are interesting?
 - Cross check with IETF about the status of YANG and RMON, tell them that we plan to cover the specific details for Ethernet.
 - How about defining the basic set, and also additional module(s) that augment the basic Ethernet interface to add additional information.
 - General agreement on this idea.

- Mechanism to be discussed and defined.
 - Rob to prepare slides for next IEEE/IETF co-ordination meeting
 - get reviewed by AdHoc/TF and we will get someone to present
 - Ideally appoint Rob as Liaison?
 - Geoff to present something on derivative counters etc. in Huntington Beach (based on old overheads).
 - Lengths and jumbos? What about adding 1518ToConfiguredMTU counter to avoid if issue of differently defined MTUs.
- Diagnostics
 - A few possible “indirect” options to offer access without fully defining the clause45 objects.
 - Cleaner to update clause 30??
 - Clause 30 should include everything needed for “normal operation”.
 - Clause 45 is for lower level specialized access.
 - If intelligence for diagnostics is moving off box, how can we support this for automated centralized operations?
 - Seems desirable to offer this, allows for building the troubleshooting support off box (e.g. big data, learning, cloud, etc.)
 - Need to figure out an efficient/effective way to support this.
- **Plan for next meeting** **Yan Zhuang** **Huawei Technologies**
 - Discussion on UML model, need to rethink
 - PoE (naming and structure, PoE vs PoDL and PSE vs PD)
 - PON Ethernet OAM (confusion with CFM).
- **Basic Interface Model Update (cont)** **Rob Wilton** **Cisco**
 - Version
 - YANG 1.0 vs 1.1. Use 1.1 if possible.
 - Module structuring
 - one or two levels, Robert to put together a couple of slides for Jan Interim
 - Line length
 - Follow 802.3.1 and YANG RFC common rules.
 - GitHub location structure
 - Need to review/validate.
 - Speed
 - Enum – can we move to value in Gb/s? What about configuring allowed speed?
 - FlexE – from OIF – let’s not make this hard.
 - Dynamic rate control – 10G WANPHY
 - Treat this like CSMA/CD – historic.

Open Discussion

- What about other group overlaps, e.g., BBF vs IEEE.
 - Chase formal and informal contacts. Liaison letter?
 - Duane/Robert to look for contacts in BBF?

Meeting closed – ~8:25 PT

Attendees (from Webex + emails)

Name	Affiliation	Attended 12/19
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