Minutes IEEE 802.3cf YANG Data Models TF AdHoc meeting Jan 30 2017

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.   Asked if anyone had not already reviewed the participation slide.
    a. Everyone on the call had already reviewed the policy
3.   Displayed patent slide deck, asked if we needed to review patent policy.
    a. Reviewed patent policy.
    b. Made Essential Patents call. No one responded.
4.   Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
5.   Approval of minutes for previous meeting
    a. Not required, first meeting since Huntingdon beach.
6.   Presented the proposed agenda.
    a. Approved without objection.

Presentations/Discussion.

Interface Stats etc   Rob Wilton   Cisco

- o Statistics Issues (1): FCS & Alignment - 30.3.1.1.7 aAlignmentErrors
    - ▪ Is this alive for ports faster than 1Gb/s
    - ▪ Do we report this separately, or combine with FCS like RMON?
    - ▪ Check into current usage.
- o Statistics Issues (2): Giants/Runts with/without FCS
    - ▪ RMON vs clause 30 are different
        - • Follow clause 30?
    - ▪ Clause 30 only can reflect what is in the underlying technical clause.
    - ▪ Report only two; Rob/Peter to check if there is a compelling case for reporting all four.
    - ▪ Naming to be based on clause 30/etherlike mib
- o 802.3 Ethernet Frame/Phy Counters (Combined Etherlike MIB and RMON MIB)
- o Reporting of time – change from microseconds to seconds with 6 decimal places.

- OK – check with YANG doctors
  - 802.3 Ethernet Flow Ctrl Counters + Other MAC Control counters
    - Think about PFC – it is on a subset of HW – optional and for a subset of HW.
    - Who should report the counters per PCP? Start with where it's defined (not in 802.3), check with 802.1 YANG folks.

IETF/802.3 co-ordination meeting Rob Wilton Cisco

- Upcoming meeting IETF/IEEE 802.3
  - 802.3 WG chair invited, not normally attending – do we need anything more formal?
  - Rob acting as independent technical voice.
  - No major comments on slides.
  - Communicate that how we are working, and notify that we intend ask implementers (e.g. send to NETMOD list) to join to help us make progress.

PSE module Yan Zhuang Huawei Technologies

- Since last meeting:
  - Split PSE (802.3 scope) from System PoE Power Management (not 802.3 scope)
  - Added in support for PoDL
    - Need to consider 802.3cg work in model structure/naming for single pair, there may be more than one method of detection and/or powering.
    - Consider that many PoDL systems will be pre-configured rather than plug/play/detected.
    - Make sure that we can report how decisions were made, some of this may go to the System PoE Power Management reporting.
- Ask to 802/IETF liason meeting – where should the System PoE Power Management attributes live?
  - Once decided, please share with 802.3 YAMG community.

Meeting closed – 8:15am PT

Attendees (from Webex + emails)

Name	Affiliation	Attended 1/30
David Law	HPE	y
Geoff Thompson	Independent	y
Peter Jones	Cisco	y
Robert Wilton	Cisco	y

Yan Zhuang	Huawei	y
Attendee count		5