

**Draft Minutes**  
**IEEE 802.3cf (802.3.2) Session**  
**YANG Data Model Definitions Task Force**  
**13:00-17:40 Tuesday, 8 November 2016**

*Donald E. Eastlake, III*  
*Duane Remein*

**Called to order at 13:15 by David Law (HPE) 802.3 WG Chair**

Ad Hoc Chair: Peter Jones

Acting Secretary: Donald Eastlake (Huawei)

**Motion#1:** Confirm Yan Zhuang as the IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions Task Force Chair.

Move: Steve Carlson

Second: Curtis Donahue (UNH-IOL)

Yes: 6    No: 0    Abstain: 0    Motion passes.

Yan Zhuang (Huawei) took the chair.

- Agenda displayed.

**Motion#2:** Moved to approve Agenda by Donald Eastlake

Secunder Curtis Donahue

Approved without objection.

**Motion#3:** Approve minutes of previous meeting.

Mover: Yizhou Li

Secunder: Tongtong Wang

Approved without objection.

Chair presented various information about Decorum, Ground Rules, Attendance, By-Laws and Rules, IPR.

Call for patents made.

- No response.

Chair presented the groups Objectives: Define YANG Models for

Liaisons from ITU-SG15 to be reviewed during the discussion of PON activities.

Present Draft Timeline – Draft 1.0 in March 2017

802.3cf Data Model Task Force Ad Hoc Report November 2016

Peter Jones (Cisco):

Calls are to move the work along.

Approve the minutes of the October 28<sup>th</sup> call.

On the one call since Fort Worth, had only 5 attendees for the 3 presentations. With the low an interest level, we will fail.

Next steps: Further work, future ad hoc calls.

- Discussion of reasonableness of the time line: It may be too ambitious.  
May want to keep material in git-hub so the document would be a printout of that including some explanatory material.

Open source probably not a problem since current PICS and MathLab simulations have had copyright releases.

Potential conflict between IEEE waterfall development model and current open source agile development model discussed.

- Discussion of the tree of models rooted at “Interface” (RFC7223) Each interface will end up with some generic properties (name, packets in-out, operational state) and some specific properties. How important to the model is the ISP 7-layer model?

YANG models and the like should be useful for automating network operation. Thus input from users of equipment would be beneficial.

How models are put together functionally is not the same as the model inheritance/structure tree...

- It was suggested that we want to build on the current Clause 30 as much as possible.

Consistency with IETF YANG models is important. The models being done in the IETF are moving along.

- Discussion of existing GitHub structure.  
Task for Ad-Hoc to develop proposed structure under IEEE with particular attention to 802.1, 802.3, and 802.11. Then 802.3 can socialize this in 802 EC for example.

Important things are the “directory” structure and the process — both outbound and inbound process.

Need to pay attention to any IETF style guides for YANG.

- Discussion on Update of PSE Model  
Should work together with 802.3bt to keep track of new defined managed objects, but don't have to wait for their work.

Main power source management is not defined in Clause 30 but is in 802.3.1 POE MIB module.

**Recessed at 14:40 until 15:30.**

3:30 PM meeting starts.

The group reviewed and discussed the following presentation:

- Basic Ethernet YANG Model Rob Wilson, Mahesh Jethanandani & Peter Jones  
Cisco  
[http://www.ieee802.org/3/cf/public/nov16/wilton\\_3cf\\_01\\_1101.pdf](http://www.ieee802.org/3/cf/public/nov16/wilton_3cf_01_1101.pdf)
- The group considered liaison letters from ITU-T Q14/15 and Q2/15. It was determined that, as both were for information, no response was needed at this time.
- The group held a short discussion on PON specific YANG activities.

**Attendance Straw poll:**

I will attend the IEEE P802.3cf meetings at the January Interim in Huntington Beach, CA, USA (week of January 09, 2017)

Y: 12 N: 0 A: 0

**Motion #4**

Move to adjourn

Moved: Alan Brown

Second: Frank Effenberger

The motion passed by voice without opposition

5:40 PM the meeting was adjourned.

Attendees:

Tongtong Wang (Huawei)  
David Law (HPE)  
Steven B. Carlson (High Speed Design)  
Curtis Donahue (UNH-IOL)  
Craig Chabot (UNH-IOL)  
Donald Eastlake (Huawei)  
Li Yizhou (Huawei)  
Peter Jones (Cisco)  
Paul Bottorf (HPE)  
Duane Remein (Huawei)  
Mark Laubach (Broadcom)  
Glen Kramer (Broadcom)  
Ken-Ichi Suzuki (NTT)  
Michael Peters (Sumitomo)  
Toshihiko Kusano (OliverSolutions Ltd)  
Alan M. Brown (Adtran, Inc)  
Eujeue Dai (Cox Communications)  
Michael Emmenaofen (ARRIS)  
Yan Zhuang (Huawei)