YANGsters Weekly Telephone Conference

Date/Time:

2020-04-21 (week 17)

10 a.m. – 11 a.m. (Eastern Time)

Participants:

Meeting attendance for YANGsters
(Tuesday, 21-Apr-2020, AM2 10:00 - 11:00)

Name ▲	Affiliation
Congdon, Paul	Tallac Networks; Huawei
Ellison, Mark	Independent
Fedyk, Donald	LabN Consulting, L.L.C.
Holness, Marc	Ciena Corporation
Kehrer, Stephan	Hirschmann Automation and Control, Inc.
Mansfield, Scott	Telefon AB LM Ericsson

Topics:

- At the beginning of the meeting the YANGsters Chair presented:
  - The IEEE SA Copyright Policy slides,
  - The IEEE SA PatCom Patent Slides for Standards Development Meetings,
  - The IEEE 802 Participation slide,
  - The Decorum information contained in http://www.ieee802.org/1/files/public/docs2019/admin-farkas-TSN-meeting-intro-1119-v01.pdf, and made the Call for Potentially Essential Patents. There were no responses to the calls prior to the end of the call.
- Agenda bash
  - Agenda was agreed as presented on the slides (http://www.ieee802.org/1/files/public/docs2020/yangsters-smansfield-meeting-agenda-w17-0421-v01.pdf)
    - No new items
- Hot Issues
  - MAC-address format issue update
    - Information on the topic has been collected and will be put together in a document to provide an overview and discussed with the IETF – IEEE Standards Coordination group.
    - **Action item:** Scott to talk with Russ
  - TLV Discussion update
    - A first TLV YANG has been included in 802.1Qcz.

- YANGsters are encouraged to look at this during the next ballot to provide feedback if the approach that has been taken is correct and should be followed durther.
  - Format of YANG modules offered on the 802.1 website
    - Currently the Modules are provided with an ending of .txt instead of .yang
    - This is in line with how MIBs are currently handled.
    - YANGsters feel that this should be changed so YANG files are offered as .yang as this is what tools in YANG toolchains usually expect.
    - **Action item:** Scott to talk to Glenn
  - 802f Update
    - There have been discussions between the YANGsters chair and Bob Grow
    - An update on the topic with the summary of these discussions will be presented by the YANGsters chair.
- Continue Maintenance/Guidelines Discussion
  - See: http://www.ieee802.org/1/files/public/docs2019/maint-specht-yang-comments-0919-v01.pdf
  - The following items from the table have been discussed:
    - Item 9: Discussion from the previous week was resumed.
    - The following is the suggested remedy for item 9:
      - Introduce a new type to *ieee802-dot1q-types.yang* called *bridge-port-number-ref-type*
      - Make it an x-path to *if:interfaces/if:interface/bridge-port/port-number*
      - Change the type of *leaf port-ref* in line 630 of *ieee802-dot1q-types-yang* to the new type *bridge-port-number-ref-type*
      - It was pointed out that for this specific object adding the new type might not strictly be necessary since the object is read-only; however, it might be used in the future for a read-write object. To then have consistency, adding the new type now seems reasonable.
    - Rogue comment on the relationship of bridge ports and interfaces:
      - A presentation related to the topic can be found under http://www.ieee802.org/1/files/public/docs2016/cp-mholness-Bridge-Port-YANG-0916-v01.pdf
      - In IEEE Std 802.1Q on page 638 (pdf-page) there is a clarification for MIBs on the relationship between bridge ports and interfaces.
      - In the current YANG model there is a 1:1 relationship
      - This needs to be looked at to ensure that the current modelling in the 802.1Qcp YANG is correctly modelling the relationship between bridge ports and interfaces.
      - **Action item:** YANGsters will take a closer look at the topic and discuss further.
- Any Other Business
  - No other business
- Next Call: 28 April, Information: