

YANGsters Weekly Telephone Conference

Date/Time:

2020-03-31 (week 14)

10 a.m. – 11 a.m. (Eastern Time)

Participants:

- Scott Mansfield (Ericsson)
- Stephan Kehrer (Hirschmann)
- Christophe Mangin (Misubishi)
- Don Fedyk (LabN Consulting)
- Glenn Parsons (Ericsson)
- Johannes Specht (Univ. DUE)
- Marc Holness (Ciena)
- Mark Ellison (Independent)
- Paul Congdon (Huawei/Tallac)
- William Zhao (Siemens)

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-w13-0320-v01.pdf>)
 - No new items
- Hot Issues
 - IEEE 802f Status and Way forward
 - Current discussion points were summarized by the YANGsters chair, including important discussions that need to be brought to the RAC after discussion in YANGsters has progressed
 1. Updates to official IEEE EtherTypes registry to capture information that is needed in the YANG modules (friendly name, short description, etc.)

- a. It was made clear that this topic only covers the enhancements that need to be made to the registry in general. The actual instances for these enhancements (e.g. a concrete friendly name for a specific EtherType) is then part of the project 802f.
 - 2. Since the community that will be using the IEEE EtherTypes YANG have expressed that they do not want to be required to load all the EtherTypes information, how best to create/indicate subsets of the IEEE EtherTypes information (subsetting)
 - 3. Process to initiate the generation of the YANG modules and where to store the output
 - TLV Discussion and Problem Statement
 - The Problem was summarized for the YANGsters
 - Currently there is an LLDP extension MIB for 802.1Q containing organizationally specific TLVs and that can be extended for new TLVs. For YANG there is no module yet for the already existing organizationally specific TLVs. Therefore the newly introduced TLVs in IEEE P802.1Qzc have no module that they can augment. This is currently intended to be introduced as part of IEEE P802.1Qcz. The structure intended for this was presented to YANGsters.
 - **Action:** The YANGsters chair will have a discussion with the YANG doctors about a good approach for TLV extensions in a module.
- CBdb
 - Review resolution of and discuss YANG issues
 - The issue on comment #19 towards draft D0.5 of IEEE P802.1CBdb was introduced by the editor of P802.1CBDB.
 - It was pointed out that Enums are augmentable but only in the base module where the original Enum was defined. Identities are much more flexible in how they can be augmented.
- Continue Maintenance/Guidelines Discussion
 - <http://www.ieee802.org/1/files/public/docs2019/maint-specht-yang-comments-0919-v01.pdf>
 - Postponed due to a lack of time.
- Any Other Business
 - No other business