YANGsters Weekly Telephone Conference

Date/Time:

2019-12-10 (week 50)

10 a.m. – 11 a.m. (Eastern Time)

Participants:

- Scott Mansfield (Ericsson)
- Stephan Kehrer (Hirschmann)
- Don Fedyk (LabN Consulting)
- Johannes Specht (Univ Duisburg-Essen)
- Mark Ellison (Independent)
- Paul Congdon (Tallac/Huawei)
- William Zhao (Siemens)

Topics:

- IPR Call
    - Call for essential patents was made with no response
- Agenda Bash
    - Agenda was agreed as presented on the slides
    - No new items have been brought up
- Maintenance Items (https://www.802-1.org/items/357)
    - Johannes Specht walked YANGsters through the maintenance items as shown in http://www.ieee802.org/1/files/public/docs2019/maint-specht-yang-comments-0919-v01.pdf. Subsequent references to item numbers are relating to the PDF document
    - For items where YANGsters decide that changes need to be made to the already published YANG modules the fixes will be assigned to running projects already touching the modules
    - Johannes will update the table with suggested remedy and project that it is assigned to for the fix
    - Category "bad reference":
        - References given in the YANG reference field are not pointing to the correct part of .1Q. This needs to be corrected.
    - Category "802.1Q conformance":
        - 802.1Q does not have component names so the "name" field should not be there
        - Additionally the field "name" is read/write and used as key. This is not correct. "Name" should either be deleted or made read-only.
    - Category "YANG 'leafref' nodes"
        - This is a reference by name; this is inefficient and there is nothing like a component name in the managed objects of the standard.
    - Category "YANG data consistency"

- Currently some elements do give values in an implicit way (e.g. number of ports). This should be made consistent, either by deleting the object in question or by putting a constraint on it (e.g. via a "must" statement)
- Consistency of automatic updates for objects related to each other currently seems to be not reflected in the YANG module as it should be
  - YANGsters should talk to the original editor of the dot1q-bridge yang module to get a feeling for the reasons why things have been done the way they are done in the module. This seems a requirement to ensure that nothing breaks by what seems to be a rather big overhaul of the dot1q-bridge module
  - An overhaul project to the YANG module might be required; this needs to be discussed and verified with the group chair
  - Suggested way forward:
    - Talk to the editor of the dot1q-bridge module to find out why things have been done the way they are done
    - Discuss the actual topics on the YANGsters calls
    - If a major overhaul is required, check the process and see if a new project is required
  - There need to be discussions on general YANG modelling issues; this will work best in a face to face meeting. Options for this are:
    - Ask for additional time during the next interim or plenary meetings
    - Set up a YANGsters face to face interim in addition
  - Action items
    - discuss the spreadsheet of Johannes
    - discuss with the authors of the modules to see why things have been done the way they have been done
    - set up a decision process to establish if changes should be done as maintenance items in existing PARs or if they need a dedicated PAR
- Status of YANG Documents (time permitting)
  - No time left on the call for this topic so it was postponed
- Any Other Business
  - No other business
- Next Meeting 17 December 1000-1100 EST (UTC/GMT -5 hours)