IEEE 802.1 Maintenance

Meeting

November 13, 2018

8:00am-10:00am – Minutes v1 (Paul Congdon)

Attendees: Geoff Garner, Craig Gunther, Nader Zein, Yi Yu, John Messenger, Scott Mansfield, Karen Randall, Takahiro Yamaura, Woojung Huh, Eric Gray, Dave Sinicrope, Satoka Itaya, Yoshihiro Ito, Steve Haddock, Glenn Parsons, Kenichi Maruhashi, Yolanda Yu, Johannes Specht, Christian Boiger, Rodney Cummings, Randy Kelsey, Mike Potts, Norm Finn, Stephan Kehrer, Don Pannell, Weiying Cheng, Michael Karl, Janos Farkas, Marina Gutierrez, Lou Berger, Frank Schewe, Marc Holness, Alex Sato, Jessy Rouyer, Paul Bottorff, Guogang Huang, Mick Seaman

Minutes:

1. The chair, Paul Congdon, introduced the agenda, showed the patent policy slides and made the call for patents.   There were no responses.
2. Mick Seaman lead a discussion on the updated registry of public MAC addresses. The proposed update list is here: Mick's presentation is here: http://www.ieee802.org/1/files/public/docs2018/maint-seaman-public-group-addresses-0918-v01.pdf
   a. Some naming has become inconsistent (e.g. Nearest non-TPMR address is called PAE address by 802.1X)
   b. Is a maintenance item is needed to track this activity? Since this is not a standard itself and just information, the response was no, a maintenance item is not needed.
   c. IEEE 1588 and several of its profiles are using nearest non-TPMR as well. ACTION: Geoff Garner to provide a list of the outside standards that he is aware of (off the top of his head) to Mick. We really only want to list 1588 and 802.1AS, and not all the profiles of 1588.
   d. It was pointed out that maintaining this list, including outside use, will be difficult.
   e. ACTION: Mick will update the table with a few missing items (e.g. RFC numbers and 802.1AB reference). He will contact the RAC when it is ready.
   f. Once the RAC has updated the table, the 802.1 Website should be updated with a reference to it. No owner of this proposed action has been assigned.
3. Paul presented the list of current vehicles (drafts) used for implementing maintenance items, and the current numerical status of maintenance items in the database. Details in the Maintenance Session Slides.
4. Existing maintenance items were reviewed and updated.
   a. No action taken on 0170, 0174 and 0205 because they are awaiting a document vehicle to be resolved and are otherwise ready to go.

5. New maintenance items since the last Plenary: Discussion on these items is kept in the 802.1 and only unrelated discussion or action items are listed here. The Maintenance issue database available here: https://www.802-1.org/items?review=true
    a. 0210 - ECP protocol code point for P802.1CS needed in 802.1Q-2018 – 802.1Q-2018
        - The chair asked if there are any other similar numbers that need to be tracked in the 802.1 file repository? It was pointed out that 802.1AS needs to track the 1588 domain number fields and profile # fields. ACTION: The chair to work with Geoff Garner to obtain the list of values and update the existing XLS (including file name) with these values.
    b. 0211 - AdminCycleTime and Interval max values - 802.1Qbv-2016
    c. 0213 - msgTxHold and lldpV2MessageTxHoldMultiplier are not consistent - 802.1AB-2016
    d. 0214 - replace the usage of the port-number type with if:interface-ref - 802.1Qcp-2018
    e. 0215 - use YANG version 1.1 - 802.1Qcp-2018
    f. 0216 - add 'derive-from-or-self' to the bridge port augmentation's 'when' statement - 802.1Qcp-2018
    g. 0217 - break out filtering entries to 'config true' and 'config false' containers - 802.1Qcp-2018
    h. 0218 - split the port-map-grouping into separate groupings - 802.1Qcp-2018
    i. 0219 - use a enumeration for the "forward", "filter", and "forward-filter" states - 802.1Qcp-2018
    j. 0220 - have a consistent iana-if-type prefix - 802.1Qcp-2018
    k. 0221 - limit configured VLAN names to be unique - 802.1Qcp-2018
        - All items 0214-0221 were deemed to not be defects and thus not maintenance items, however they are all very useful improvements. While the items will be rejected as maintenance items, they are suggested to be used as motivation to start a new project. It was suggested that the chair send a message to the submitter encouraging the creation of an amendment PAR. ACTION: Chair to email submitter on next steps for these items, suggesting the creation of an amendment PAR.
    l. 0222 - add a 'config false' list for dynamically learned VLANs - 802.1Qcp-2018
        - This item was discussed offline with the submitter and it was agreed to withdraw the issue. ACTION: The chair will email the submitter for confirmation.
6. 802.1 WG Comment resolution: none
7. Liaisons: none
8. The liaison comment responses to FDIS were reviewed by Karen Randall
    a. http://www.ieee802.org/1/files/public/docs2018/SC6CommentResponse1AEcg2018-v02.pdf
    b. http://www.ieee802.org/1/files/public/docs2018/SC6CommentResponse1AR2018-v01.pdf

9. The EC consent agenda motion for sending the liaison comment responses was reviewed. The most recent version of the documents needed to be included in the motion. The motion will be given to Glenn for submission to the EC consent agenda.
10. We reviewed the status of standards in the PSDO process, prepared by Karen Randall.
11. See the updated session slides (http://www.ieee802.org/1/files/public/docs2018/maint-congdon-session-1118-v02.pdf) and web-site (http://www.ieee802.org/1/maint.html) for further details and discussion.