

IEEE 802.1 Maintenance

Meeting Draft Minutes

January 15, 2019

8:00am-9:00am – Minutes v1 (Paul Congdon)

Attendees: Amelia Andersdetter, Antonio de la Oliva, Astrit Ademaj, Atushi Sato, Christian Boiger, Craig Gunther, Don Pannell, Feng Chen, Fumiko Ohori, Geoff Garner, Glenn Parsons, Guenter Steindl, Harald Zweck, Hesham ElBakoury, Hitoshi Yokoyama, Janos Farkas, John Messenger, Jordan Woods, Joseph Dorr, Karin Traort, Karl Weber, Kenshi Marihata, Leo Chen, Liu Dan, Ludwig Winkel, Malk Seewald, Max Riegel, Michael Karl, Nader Zein, Norm Finn, Paul Congdon, Reiner Wamsser, Rudy Belliardi, Satoko Itaya, Stephan Kehrer, Stephen Haddock, Takahiro Tamaura, Tatsuo Soeda, Tomoki Ohsawa, William Zhao, Xiang Yu, Xuehuan Wang, Yasunori Ishii, Yi Huang, Yi Yu, Yoshihiro Ito

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. 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.
3. Paul presented the items processed prior to the meeting. Several items were closed thanks to the publication of 802.1Xck-2018.
4. Existing maintenance items were reviewed and updated.
 - a. No action taken on 0170, 0174, 0205 and 210 because they are awaiting a document vehicle to be resolved and are otherwise ready to go.
5. Two new maintenance items were discussed: A log of the discussion is kept in the 802.1 maintenance database and only unrelated discussion or action items are listed here. The Maintenance database available here: <https://www.802-1.org/items>
 - a. 0223 - IEEE8021-SRP-MIB inappropriate SYNTAX for `ieee8021SrpStreamDataFramePriority`
 - b. 0224 - Clarify whether frame ends on last bit or after the inter-packet gap and preamble
6. 802.1 WG Comment resolution: none
7. Liaisons: the request to update the 802.1 WG status in the SG15 LS 172 OTNT document provided was reviewed. The request is available at:
http://www.ieee802.org/1/files/public/docs2019/liaison-SG15-LS172-OTNT_standardization_workplan-0119.zip
 - a. The contents of the liaison were discussed, and the current document provided by SG15 was reviewed. Glenn Parsons described the current process for updating SG15 with 802.1 latest status. Glenn will provide an update for SG15 for their September meeting. There is no need to respond to this liaison, but the WG was asked to provide further review of the current SG15 document and raise any concerns at the March meeting.

8. A draft response and plan for responding to CN.1 of IEEE 802c-2017 (ISO/IEC/IEEE FDIS 8802-A:2015/FDAmD 2) was discussed. See contribution: <http://www.ieee802.org/1/files/public/docs2019/maint-randall-SC6CommentResponse802c-0119-v01.pdf>. An approved response will be finalised at the March Plenary.
 - a. It was pointed out that several additional arguments could be included in the response to strengthen the response. These include the fact that using an OID as a protocol identifier could cause protocol incompatibility with many existing protocols using CID and OUI today. Secondly the SNAP encoding has been successfully using OUI for many years and replacing OUI with CID is completely compatible, whereas using OID would not map directly. An OID can be a variable length field which makes its use in protocol identifier fields problematic and complex for many implementations.
 9. We reviewed the status of standards in the SC6 engagement and PSDO process, prepared by Karen Randall.
 10. A discussion on how to progress YANG modules in the WG was discussed. Several comments were rejected in November because they were considered enhancement requests and not bugs against 802.1Qcp. In November it was suggested that the submitter initiate an amendment project to update and improve the YANG module. There is concern that the overhead and process related to an amendment is too burdensome and it was asked if there is another approach to improve YANG modules. It was suggested that the discussion is related to the 802.1 Open Source strategy which is still evolving. The desire is to be more fluid and agile in developing 'code' such as YANG modules using the Open Source approach and tools such as github. There is a strong desire by everyone to streamline the process of developing 'code' such as YANG modules, and such a new process is in progress but not currently deployed.
 11. See the updated session slides (<http://www.ieee802.org/1/files/public/docs2019/maint-congdon-session-0119-v02.pdf>) and web-site (<http://www.ieee802.org/1/maint.html>) for further details and discussion.
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