

IEEE 802.1 Maintenance Interim

San Antonio, TX

November 13, 2012

November 13, 8am-9am CT – Minutes

Attendees: Glenn, Tony, Pat, Ben , Craig, Steve, Mark, Phillipe, Craig, Andre, Norm, Anthony, Jessy, Franz, Panos, Rick

1. The chair read the patent policy and made the call for patents. There were no responses to the call.
 2. Tony resolved the ballot comments on the WG ballot of AB-Cor-1 D1.0
 - a. All comments were accepted
<http://www.ieee802.org/1/files/private/ab-cor-1-drafts/d1/>
 - b. Tony Jeffree will prepare the draft for working group ballot recirculation
 3. Geoff resolved the ballot comments on the WG ballot of AS-Cor-1 D1.0 during the AVB TF
 - a. All comments were accepted
<http://www.ieee802.org/1/files/private/as-cor-1-drafts/d2/>
 - b. Geoff Garner will prepare the draft for working group ballot recirculation
 4. We continued to process the existing status updates.
 - a. .1Q-Cor2 was approved by SASB – the chair will review the relevant items to ensure they were included
 - b. Norm Finn proposed text for 0036 on MEActive – clarifying that one state is sufficient.
 - c. Craig Gunther & Andre Fredette provided text proposals for many MSRP items (0050, 0052, 0053, 0054, 0055 & 0056) – attached to end of these minutes
 - d. Mick Seaman is still reviewing MRP (0057, 0042, 0043, 0044 & 0045) & MVRP (0046, 0047, 0048) items
 - e. See the session slides (<http://www.ieee802.org/1/files/public/docs2012/maint-parsons-session-1112-v1.pdf>) and web-site (<http://www.ieee802.org/1/maint.html>) for complete details and discussion
 5. Review of new maintenance requests on 802.1AS
 - a. All items were reviewed already by AVB TF and dispositions agreed per summary slides (<http://www.ieee802.org/1/files/public/docs2012/as-garner-received-comments-1112.pdf>). See the session slides (<http://www.ieee802.org/1/files/public/docs2012/maint-parsons-session-1112-v1.pdf>) and web-site (<http://www.ieee802.org/1/maint.html>) for complete details and discussion.
 - b. Review required for 0061, 0083 and 0084
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Maintenance Item – 0050 (MSRP Requirements)

Accept the Proposed Resolution in Principle, but use an entirely different approach:

Clause 10.3, page 157

The MRP Attribute Propagation (MAP) function enables propagation of attributes registered on Bridge Ports across the network to other participants. Each MRP application specifies the operation of the MAP function. This subclause specifies the operation of the MAP function for the MMRP application, ~~and the MVRP application (11.2.1) and the MSRP application (35.2).~~ In addition, clause 35.2.4 specifies additional MSRP attribute processing rules that modify the MAP function defined below. The MAP function for the MSRP application is specified in 35.2.4.

Clause 35.2.4, page 1129

This clause describes

- 1) Rules for combining and propagating Listener attributes toward the associated Talker.
- 2) How MSRP adjusts the Talker and Listener attributes before propagating them.

Unless stated otherwise, Talker and Listener attributes are propagated as described in 10.3.

~~For the Talker and Listener attributes MSRP propagates attributes in a manner different from that described in 10.3 for MMRP and MVRP.~~ In principle, the MAP performs MSRP Attribute Propagation when any of the following conditions occur:

Maintenance Item – 0052 (streamAge)

Clause 35.2.1.4, page 1113

Insert “per-port” back into the Proposed Resolution:

c) *streamAge*: A per-port per-stream 32-bit unsigned value used to represent the time, in seconds, since ~~a stream’s destination_address was first added to the control element for the associated port most recently became forwarding in the Dynamic Reservations Entries (8.8.7) corresponding to the stream’s destination_address for the associated port.~~ This value is used when determining which streams have been configured the longest. Streams with a numerically larger *streamAge* are considered to be configured earlier than other streams, and therefore carry a higher implicit importance.

Maintenance Item – 0053 (streamAge MIB)

Clause 17.7.14, page 841

Accept the Proposed Resolution as-is:

"The number of seconds since the reservation was established on this port. ~~Talkers shall report this as the seconds since the first receipt of the Talker Advertise or Talker Failed. Listeners shall report this as the number of seconds since the destination_address was first added to the Dynamic Reservations Entries.~~"

Maintenance Item – 0054 (MAP context for MSRP)

Accept the Proposed Resolution in Principle, but use this wording:

Clause 35.2.4.5, page 1133

All MSRPDU s ~~sent and received by MSRP Participants in SST Bridges~~ are transmitted as untagged frames.

Maintenance Item – 0055 (MSRP Attribute propagation)

See resolution to Maintenance Item - 0050

Maintenance Item – 0056 (MSRP MAP)

See resolution to Maintenance Item - 0050