IEEE 1914 NGFI

IEEE 1914.3 RoE – Sponsor Ballot, current status

Richard Tse, Microsemi

Feb 27, 2018

Teleconference

Status

- 82 voters registered for the sponsor ballot
- 56 voters have responded so far
  - 52 approve (96.3% of non-abstain responses)
  - 2 disapprove (3.7% of non-abstain responses)
  - 2 abstain (3.5% of total responses)
  - 26 unreturned (5 are from P1914 WG)
- Need 6 more votes to reach 75% response threshold
- 41 comments have been received so far

Summary of Comments So Far – 1 (old)

- Editorial comments
  - Don't use "&"
  - Add a few cross references
  - Remove "clause" and "subclause"
  - Don't repeat values (e.g. EtherType, subType). Instead, point to the corresponding clause
  - for 8.3.2, use "not specified" instead of "out of scope"
  - Remove colours from IQ mapping diagrams
  - Change "may" to "could be"
- Change "NIL flowID" to "Control flowID"
- Explicitly define how Reserved values are handled
  - E.g. never transmit, ignore if received
- Remove CACK item from PICS
  - We never mentioned this function in the standard

Summary of Comments So Far – 2 (old)

- flowID definition
  - Remove "which shares the same source and destination address (SA/DA)" from definition
- Add reference to 3GPP TS36.211 for PRACH
- Add reference to 802.1CM
  - This was removed after IEEE MEC review because this is not yet a released standard
- Fill out the Introduction section of the standard

Summary of Comments So Far – 3 (new)

- CAXC and CVSD from PICS should be optional.
  - Change to MA3 * CP:O
- Slow C&M is mostly unused in modern equipment. Change to optional in PICs.
  - Change DCM to MA3:O
- Change default value of .rbFFT from 1200 to 100.
  - This was removed after IEEE MEC review because this is not yet a released standard
- Replace “,” with “’” in numbers.
  - “,” was used as a separator between every 3 digits.

Notable Questions from WG – 1 (old)

- flowID value for CPRI structure-aware Ctrl_AxC messages
  - Clause 8.2.3:
    - When the **.flowID** in a container definition (see 8.2.1) is set to NIL **flowID**, the control process shall set the **.flowID** in the RoE control packet header to the appropriate value according to the matching control process container construction (see 8.2.8).
  - Clause 8.2.8, Table 7.3:
    - The **.flowID** used in the control process container construction for generated RoE packets. The **.flowID** is equal to the used container index that describes the control process mapper parameter and has a valid range of 0 to 7.
  - Clause 9.1.4 and 9.1.5 (for Ctrl_AxD and VSD RoE messages):
    - The **flowID** field shall be set to the NIL value in the RoE control packet header. (see Table 3)
  - Correction: Clarifying this with Jouni and RichardM

Note: Above clauses are from: tf3_1914.3_D3_0_MEC_clean.pdf

Notable Questions from WG – 2 (old)

- Example mapper configuration at end of Annex B
  - Configuration seems incorrect for CPRI control words
  - Correction: Unique Mappers should be used for each CPRI control word
- Is CPRI structure-aware mode for CPRI mapping methods #1, #2, and/or #3?
  - Just #1 and #3
  - Correction: Add text to standard to clarify this

Important Dates for Ballot

- End-of-day EST this Sunday, March 4, 2018: Sponsor Ballot responses are due
  - **Make sure you respond in time!**
- Recirculation ballot will take 10 days to complete
  - 75% approval rate is required, a non-response means no change from previous response
  - Only expect changes from the 2 (?) disapprovals
  - Passing the approval threshold should not be a problem
- March 16, 2018: Deadline to submit our standard to RevCom
  - Submission can be made even while recirculation ballot is in progress (assuming original ballot passed)
- April 16, 2018: Comment resolved draft from recirculation ballot submitted to RevCom
- April 26, 2018: RevCom Meeting

Action Plan

- RichardT and RichardM to create draft D4.0, addressing comments received by March 1, 2018
- March 5, 2018 face-to-face
  - Review all comments and modifications already in D4.0
  - Review all new and unaddressed comments
  - Update D4.0*
  - Review new modifications to D4.0*
  - Start recirculation ballot (or vote to approve start of recirculation ballot)*
- March 16, submit D4.0 to RevCom*

* if D4.0 cannot be completed on March 5, then recirculation ballot may start a few days later and RevCom submission will be done while recirculation ballot is still in progress