IEEE P802.11  
Wireless LANs

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| Minutes for REVme Telecon December 1, 2023 | | | | |
| Date: 2023-12-04 | | | | |
| Author(s): | | | | |
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Abstract

Minutes for the TGme (REVme) Telecon for 1st December, 2023

1. **TGme (REVme) Telecon –Wednesday, December 1, 2023, at 10:00-12:00 ET**
   1. **Called to order** 10:00 am ET by the TG Chair, Michael MONTEMURRO (Huawei).
   2. **Introductions of other Officers present:**
      1. Vice Chair - Mark HAMILTON (Ruckus/CommScope)
      2. Vice Chair - Mark RISON (Samsung)
      3. Editor - Emily QI (Intel)
      4. Editor - Edward AU (Huawei)
      5. Secretary pro-tem – Stephen MCCANN (Huawei)
   3. **Telecon Attendance:**
      1. IMAT Reported**:**

|  |  |  |
| --- | --- | --- |
|  | Name | Affiliation |
| 1 | Au, Kwok Shum | Huawei Technologies Co., Ltd |
| 2 | Coffey, John | Realtek Semiconductor Corp. |
| 3 | Derham, Thomas | Broadcom Corporation |
| 4 | Halasz, David | Morse Micro |
| 5 | Hamilton, Mark | Ruckus/CommScope |
| 6 | Henry, Jerome | Cisco Systems, Inc. |
| 7 | Kim, Youhan | Qualcomm Technologies, Inc. |
| 8 | Malinen, Jouni | Qualcomm Technologies, Inc |
| 9 | McCann, Stephen | Huawei Technologies Co., Ltd |
| 10 | Montemurro, Michael | Huawei Technologies Co., Ltd |
| 11 | Mukkapati, Lakshmi Narayana | Wi-Fi Alliance |

* 1. **Review Patent Policy and Copyright policy and Participation Policies.**
     1. No issues noted.
  2. **Review Agenda:**
  3. <https://mentor.ieee.org/802.11/dcn/23/11-23-2103-02-000m-november-january-teleconference-agenda.docx>
     1. Proposed Agenda:

**The draft agenda for the teleconferences is below:**

1.       Call to order, attendance (<https://imat.ieee.org/attendance> ), and patent and copyright policy

a.       **Patent Policy: Ways to inform IEEE:**

1. Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
2. Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
3. Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

b. **Copyright Policy:**

i. By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.

c.**Participation and policy related (including Patent and Copyright) slides: See slides 9-20 in** <https://mentor.ieee.org/802.11/dcn/22/11-22-2139-00-0000-2nd-vice-chair-report-january-2023.pptx>

d.**Agenda Approval**

2.       **Editor report** – Emily QI/Edward AU

3.       **Comment resolution**

* + 1. CID 6256 (GEN) – Hamilton (Ruckus-Commscope)
    2. CID 6040, 6590 (SEC) – doc 11-21/772 – Montemurro (Huawei)
    3. MAC Review comments – Hamilton (Ruckus-Commscope)

5.       **AOB**

6. **Adjourn**

* + 1. No objection to approving the agenda.
  1. **Editor Report:**  Emily QI (Intel)
     1. The editors are still merging the resolved comments form the November 2023 plenary. We are also awaiting the 11bb source files. It is hoped to roll in 11bb in December.
     2. Chair: I hope to run motions to approve recent updates on the December 15th teleconference. Will that be ok for the editors?
     3. A: Yes
  2. **Review various CIDs:** Mark HAMILTON (Ruckus)
     1. CIDs 6256 (GEN)
        1. Review Comment.
        2. The discussion is to insert an “(if any)” after each time “the portal” is mentioned.
        3. C: It appears that most of the occurrences are ok.
        4. Note that there is a related comment 6577.
        5. REJECTED: The CRC reviewed instances of "the portal" and could not identify any changes to the draft.
        6. No objection – Mark Ready for Motion
  3. **Review doc 11-21/0772r2** – Mike MONTEMURRO (Huawei)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0772-02-000m-eapol-key-notation-cid-548.docx>
     2. CID 6040 (SEC) and 6590 (SEC)
        1. Review Comments.
        2. Q: Was it the baseline for this comment?
        3. A: D4.0
        4. C: I think there were some minor updates in the same clause in D4.1
        5. C: Ok, I’ll update this text to D4.1
        6. Q: What is the text in red?
        7. A: I’m not sure. The submission will be revised.
        8. Q: Is the […] notation for optional items?
        9. A: Yes
        10. Q: Why is IPN being added? I don’t think it’s necessary and indeed the other PNs.
        11. A: I think it’s useful to keep it.
        12. C: CID 1406 also touched this clause.
        13. More work required. Bring back at the December ad hoc.
  4. **Review various CIDs:** Mark HAMILTON (Ruckus)
     1. CID 6431 (MAC)
        1. Review Comment.
        2. C: The announce frame explicitly lists what is permitted within them.
        3. C: But the DMG BSS needs more than this information.
        4. Chair: Let’s assign it back to the commenter.
        5. More work required. Assigned to Mark Rison to post a question to the email reflector. Bring back at the January 2024 interim.
     2. CID 6222 (MAC)
        1. Review Comment.
        2. C: I think this is ok.
        3. REVISED: Add "the " before "base" at the cited location.
        4. No objection – Mark Ready for Motion
     3. CID 6561 (MAC)
        1. Review Comment.
        2. Related to CID 303 (clause 10.3.2.14.3)
        3. Q: Are there Block Ack (BA) agreements for PV1?
        4. A: Not sure.
        5. Q: Perhaps this needs to be checked?
        6. C: The “if any” applies to the BA agreement.
        7. C: RC11 and RC12 are special instances of PV1 frames. So, they may not need BA agreements.
        8. More work required. Assigned to Mark Rison. Bring back at the January 2024 interim.
     4. CID 6258 (MAC)
        1. Review Comment.
        2. P1853 in D4.1, around L12.
        3. ACCEPTED: Editor: In D4.1, at P1853.12, add "and addressed to the STA" after "transmitted by the recipient of the PS-Poll frame".
        4. No objection – Mark Ready for Motion
     5. CID 6501 (MAC)
        1. Review Comment.
        2. C: This has been discussed before, possibly in HCF.
        3. C: The subclause should be 9.4.2.29. P1022 in D4.1.
        4. C: So, perhaps we should add a note.
        5. More work required. Assigned to Mark Rison. Thomas Derham to research where this material was added, to see if that clarifies intent for this being limited to TFS or not.
        6. Bring back at the January 2024 interim.
     6. CID 6219 (MAC)
        1. Review Comment.
        2. C: I don’t the AP really cares about this. I would prefer to leave this.
        3. C: The bit when set means that the STA has the capability to switch channels.
        4. REJECTED (MAC: 2023-12-01 16:14:23Z): There is no text in 11.2.3.11 that implies this indication is only in TDLS setup, it can be used in Association.
        5. No objection – Mark Ready for Motion
     7. CID 6557 (MAC)
        1. Review Comment.
        2. Discussion about where to move the text to.
        3. C: I suggest 10.3.2.2.
        4. Direction is to put this text at/near the end of 10.3.2.2 (D4.1 numbering).
        5. More work required. Assigned to Mark Rison. Bring back at the December ad-hoc.
     8. CID 6265 (MAC)
        1. Review Comment.
        2. REVISED: Change "Authentication count" to "AKM suite count" at D4.1: P990.22 P990.32 P990.44 P990.54 and P991.6.
        3. No objection – Mark Ready for Motion
     9. CID 6178 (MAC)
        1. Review Comment.
        2. More work required. Assigned to Mark Hamilton. Bring back at the December ad-hoc.
     10. CID 6326 (MAC)
         1. Review Comment.
         2. C: It depends if the transmission is from the AP or the STA.
         3. C: It looks as though earlier CIDs have already solved this.
         4. REJECTED (MAC: 2023-12-01 16:29:32Z):  This has already been clarified in prior updates, per the existing paragraph stating: "An MPDU belonging to a TC is subject to the respective retry limit as well as the dot11EDCATableMSDULifetime (#3757) for a non-AP STA or dot11QAPEDCATableMSDULifetime for an AP and is discarded when either of them is exceeded.(#4331)"
         5. No objection – Mark Ready for Motion
     11. CID 6368 (MAC)
         1. Review Comment.
         2. More work required. Assigned to Mark Rison. Bring back at the January interim.
     12. CID 6387 (MAC)
         1. Review Comment.
         2. C: This paragraph seems to mention both the short and long slot times.
         3. C: So, I think the “equal to 1” is incorrect in the 2nd sentence. Also see P1868 in D4.1.
         4. REVISED: At (D4.1) 1868.2, replace the second sentence in this paragraph with: "A non-AP STA in which dot11ShortSlotTimeOptionImplemented and dot11ShortSlotTimeOptionActivated are true shall set the MAC variable aSlotTime to the long slot time upon reception of Beacon, Measurement Pilot, Probe Response, Association Response, and Reassociation Response frames with the Short Slot Time subfield value equal to 0 from the AP that the STA is associated or associating to. "  
              
            At (D4.1) 1868.8, replace the first sentence of the paragraph with: "A STA in which either dot11ShortSlotTimeOptionImplemented or dot11ShortSlotTimeOptionActivated is false shall set the MAC variable aSlotTime to the long slot (#2154)time at all times."
         5. No objection – Mark Ready for Motion
     13. CID 6405 (MAC)
         1. Review Comment.
         2. More work required. ACTION for Mark Rison, to put on the reflector the proposal to deprecate DMG Relay. Bring back at the January interim.
     14. CID 6413 (MAC)
         1. Review Comment.
         2. C: I would be happy to see this note, as a clarification.
         3. Chair: There needs to be a specific location for this note in Table 9-34.
         4. REVISED (MAC: 2023-12-01 16:52:20Z): In D4.1 Table 9-34, for the row titled "MMPDU size (in octets)", Add "See NOTE 12" to the 2nd, 3rd, 6th and 7th columns.  Add a NOTE 12, "NOTE 12--Some implementations might not support 2304-octet Beacon frames."
         5. No objection – Mark Ready for Motion
     15. CID 6452 (MAC)
         1. Review Comment.
         2. C: This should be clause 9.4.2.29.
         3. C: I would prefer to reject this comment.
         4. C: Some possible text is “If a Classifier Mask field is present, at least one bit that is not reserved is nonzero.”
         5. The discussion will be continued in a future meeting.
         6. REVISED (MAC: 2023-12-01 17:00:55Z):At the end of  subclause 9.4.2.29 (D4.1) add "If a Classifier Mask field is not reserved and is present, at least one bit in the field that is not reserved is nonzero."
         7. No objection – Mark Ready for Motion
  5. **Adjourned at 12:05pm ET.**

**References:**

* 1. [https://mentor.ieee.org/802.11/dcn/23/11-23-2103-00-000m-December-january-teleconference-agenda.docx](https://mentor.ieee.org/802.11/dcn/23/11-23-2103-00-000m-november-january-teleconference-agenda.docx)
  2. <https://mentor.ieee.org/802.11/dcn/23/11-23-2034-01-000m-proposed-resolution-for-sb1-cid-6018-and-more.docx>
  3. <https://mentor.ieee.org/802.11/dcn/23/11-23-2035-01-000m-proposed-resolution-for-sb1-cid-6016-and-more.docx>
  4. <https://mentor.ieee.org/802.11/dcn/23/11-23-1856-02-000m-assortment-of-sa-ballot-comment.docx>
  5. <https://mentor.ieee.org/802.11/dcn/23/11-23-2074-00-000m-cids6032-6033.docx>
  6. <https://mentor.ieee.org/802.11/dcn/23/11-23-2058-00-000m-dl-sounding-options.pptx>
  7. <https://mentor.ieee.org/802.11/dcn/23/11-23-1903-02-000m-reginfo-back-compatibility-for-6-ghz-lpi-and-standard-power.docx>
  8. <https://mentor.ieee.org/802.11/dcn/23/11-23-1904-06-000m-6ghz-indoor-sp-ap-tpe-and-connectivity-signaling.docx>
  9. <https://mentor.ieee.org/802.11/dcn/23/11-23-2103-02-000m-november-january-teleconference-agenda.docx>
  10. <https://mentor.ieee.org/802.11/dcn/21/11-21-0772-02-000m-eapol-key-notation-cid-548.docx>