IEEE P802.11  
Wireless LANs

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| Telecon Minutes for REVme - July 26 | | | | |
| Date: 2021-07-26 | | | | |
| Author(s): | | | | |
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Abstract

Minutes for the July 26th REVme (TGme) Telecon

1. **802.11me (REVme) Telecon – 26 July 2021 10:00-12:00 ET**
   1. Called to order 10:02 am ET by the TG Chair, Michael Montemurro
   2. Attendance:

|  |  |  |
| --- | --- | --- |
|  | Name | Affiliation |
| 1 | Bhandaru, Nehru | Broadcom Corporation |
| 2 | Coffey, John | Realtek Semiconductor Corp. |
| 3 | Hamilton, Mark | Ruckus/CommScope |
| 4 | Henry, Jerome | Cisco Systems, Inc. |
| 5 | Huang, Po-Kai | Intel Corporation |
| 6 | Kim, Youhan | Qualcomm Incorporated |
| 7 | Levy, Joseph | InterDigital, Inc. |
| 8 | McCann, Stephen | Huawei Technologies Co., Ltd |
| 9 | Montemurro, Michael | Huawei Technologies Co., Ltd |
| 10 | NANDAGOPALAN, SAI SHANKAR | Infineon Technologies |
| 11 | Patil, Abhishek | Qualcomm Incorporated |
| 12 | Petrick, Albert | Jones-Petrick and Associates, LLC. |
| 13 | Qi, Emily | Intel Corporation |
| 14 | RISON, Mark | Samsung Cambridge Solution Centre |
| 15 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| 16 | Smith, Graham | SR Technologies |
| 17 | Sun, Bo | ZTE Corporation |
| 18 | Wei, Dong | NXP Semiconductors |

* 1. **Review Patent Policy/Copyright Policy**
     1. No issues noted.
  2. **Review 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:**

* + 1. 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.**Patent, Participation and policy related slides: See slides 4-19 in** <https://mentor.ieee.org/802.11/dcn/21/11-21-0935-01-0000-2nd-vice-chair-report-july-2021.pptx>

2.       Editor report – Emily QI/Edward AU

3.       Comment resolution and motions

1. **Monday July 26, 2021 – 10am – noon Eastern**
   1. Comment resolution
      1. Document 11-21/846 – Abhishek Patil (Qualcomm) – CID 6, 7, 383
      2. Document 11-21/1040 – Kim (Qualcomm) – scrambler CIDs
      3. Document 11-21/799 – McCann (Huawei) – CID 575
      4. Document 11-21/1026 – Huang (Intel) – SAE AKM
2. **Monday August 9, 2021 – 10am – noon Eastern**
   1. Comment resolution
      1. Document 11-21/985 – Hart (Cisco) – PHY CIDs (60 min)
      2. Document 11-21/981 – Henry (Cisco) – ANQP CIDs
      3. Document 11-21/1005 – Henry (Cisco) – IETF RFC reference
      4. Document 11-21/762 – Montemurro (Huawei) – security CIDs
      5. Document 11-21/803 – Au (Huawei) – Editor2 CIDs
3. **Monday August 16, 2021 – 10am – noon Eastern** 
   1. Comment resolution
      1. GEN comments – Rosdahl (Qualcomm)
      2. Document 11-21/816 – Rison (Samsung)
      3. Document 11-21/829 – Rison (Samsung)
4. **Monday August 23, 2021 – 10am – noon Eastern** 
   1. Motions (document 11-21/758r7)
      1. TBA
   2. Comment resolution
      1. Document 11-21/1136 – Kim (Qualcomm) – TX VECTOR
      2. Document 11-21/763 – Montemurro (Huawei) – 802.1D Withdrawal
5. **Monday August 30, 2021 – 10am – noon Eastern** 
   1. Comment resolution
      1. Document 11-21/1128 – Rison (Samsung)
      2. Document 11-21/1130 – Rison (Samsung)

5.       AOB

6. Adjourn

* + 1. Request to change order, move doc 11-21/1040 to second position (edited version shown above.).
    2. No objection to the revised Agenda
  1. **Editor Repot Emily** QI (Intel)
     1. Working on updating draft with approved resolutions from June and July.
     2. Expect early August to have next draft ready.
     3. Looking for Reviewers to help. – Please respond to email request.
     4. 11ay expected to be published end of July, and expect 0.3 to have 11ay rolled in.
  2. **Comment Resolution:**
  3. **Review doc 11-21/0846r1** – CIDs 6.7, 383 - Abhi PATIL (Qualcomm)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0846-01-000m-resolution-for-cids-6-7-and-383.docx>
     2. CID 6 & 7 (MAC)
        1. Review comment
        2. Review changes
        3. No comments
        4. Proposed resolution: CIDs 6, 7 (MAC): REVISED (MAC: 2021-07-26 14:10:20Z): Incorporate the changes in 11-21/0846r1 (https://mentor.ieee.org/802.11/dcn/21/11-21-0846-01-000m-resolution-for-cids-6-7-and-383.docx), which adds clarification for non-AP STA behavior on the new channel.
        5. No objection – Mark ready for Motion
     3. CID 383 (MAC)
        1. Review Comment
        2. Proposed Resolution: Accept
        3. No objection – Mark ready for Motion
  4. **Review doc Document 11-21/1040** – scrambler CIDs – Youhan KIM (Qualcomm)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1040-02-000m-cc35-scrambler.docx>
     2. CID 602 (PHY)
        1. Review Comment
        2. Review proposed changes.
        3. Discussion on the rational for the changes.
        4. Review the Editor instruction.
        5. Several Editorial changes suggested.
        6. References to clauses should be used instead of a table (i.e. 17.2.2.8a)
        7. Discussion on initial vector values. Is the name confusing or ambiguous?
        8. Does Seed and initial value mean the same thing?
        9. SRAMBLER\_INITIAL\_VALUE name is being discussed. It has been there a long time. Changing the name did not have significant support.
        10. Proposed Resolution: Revised.

Note to Commenter:

The proposed text update consolidates the scrambler operation into a single method.

Instruction to Editor:

Implement the proposed text updates for CID 602 in 11-21-21/1040r3: <https://mentor.ieee.org/802.11/dcn/21/11-21-1040-03-000m-cc35-scrambler.docx>

* + - 1. Mark ready for Motion – But run as a separate Motion – (Separate Comment Group).
  1. **Review doc Document 11-21/799** – CID 575 – Stephen MCCANN (Huawei)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0799-00-000m-proposed-comment-resolution-for-cid-575.docx>
     2. CID 575 (ED1)
        1. Review comment
        2. Review Proposed changes.
        3. Suggestion to not include a repeated clause citation in the definition.
        4. The Published standard will not include the parathesis titles, just the clause reference.
        5. Possibly the same issues in the 11ax clauses that have not been reviewed.
        6. Draft 0.01 has 11ax rolled in, so if this CID was updated to D0.01, then it would cover the extra potential changes required.
        7. Will bring back with suggested alterations.
        8. Possible suggestion to change format of the definitions to be “A), b), C)…”
  2. **Review Document 11-21/1026** – Po-Kai HUANG (Intel) – SAE AKM
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1026-01-000m-akm-for-sae.docx>
     2. Abstract: This document proposes two new AKMs to allow KCK and KEK bits under SAE that are higher than 128 bits when SHA-384 is used
     3. Review Submission
     4. Discussion
        1. Page 6 – Note – added in response to comments received in review.
        2. Why not make it normative language? It is defined elsewhere.
        3. Concern with PMK Bits not being defined yet, so need something different in the Note at this point.
        4. More editorial comments, plurality changes required, italics usage, extra spaces.
        5. Possible change may/may not be needed to be added to Clause 4 – will review.
        6. Page 7 – Can this be used in hunt and peck mode? Direct Hashing can use the new AKM, and we should include a statement to not use the other method (“Hunting and Pecking”). Want to make sure we state to use the Direct Hashing methods and preclude other methods.
        7. Want a statement to not use these new ADMs with other methods.
        8. Discussion on how to state the requirement better.
        9. Suggested change: (Delete the 's'): When AKM 00-0F-AC: <ANA-AKM-1> or 00-0F-AC: <ANA-AKM-2> is negotiated, the direct hashing technique of PWE generation (see 12.4.4.2.3 (Hash-to-curve generation of the password element with ECC groups) and 12.4.4.3.3 (Direct generation of the password element with FFC groups)) shall be used, and the KCK shall be the length of the digest generated by H() and the PMK shall be 384 bits in length (see 12.7.1.3 (Pairwise key hierarchy)).
        10. The document will be updated and prepared for future consideration.
  3. **GEN CIDs:** - Jon ROSDAHL (Qualcomm) (From the database)
     1. CID 105 (GEN):
        1. Has been put on the reflector, no comments back.
        2. Skip on this one, need to find the related CID that has already been completed.
     2. CID 373 (GEN):
        1. Review Comment
        2. Proposed Resolution: ACCEPTED (GEN: 2021-07-26 15:43:19Z)
        3. No Objection - Mark Ready for Motion
     3. CID 266 (GEN):
        1. Review Comment
        2. Revised to add the page/line number.
        3. Page/line were in those field of the comment. Change to Accepted.
        4. Proposed Resolution: ACCEPTED (GEN: 2021-07-26 15:44:44Z)
        5. No Objection - Mark Ready for Motion
     4. CID 244 (GEN)
        1. Review Comment
        2. Question on Any understanding why this was written this way, originally?
        3. ACTION ITEM: Youhan KIM willing to review off-line, to confirm.
        4. Will bring back on Aug 16.
     5. Question on Database tools:
        1. Why is it you can't enter newlines in the pane?
        2. I believe it is a behavior of the Access front-end. In the "panels" view, the Enter key is a hot key to take some action. Not sure that is fixable.
        3. It is the way the tool works, “Enter” is tied to the outer panes, not the internal one.
     6. CID 367 (GEN):
        1. Review Comment
        2. Proposed Resolution: REVISED (GEN: 2021-07-26 15:50:25Z) at 4353L15 Delete " This value not present in the United States."
        3. No Objection – Mark Ready for Motion.
  4. **Review Document 11-21/1005** – IETF RFC reference – Jerome HENRY (Cisco)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1009-00-000m-proxy-nd-discovery-text-proposal.docx>
     2. CID 91 (MAC)
        1. Review comment
        2. Review proposed changes.
        3. Addition is to be part of the NOTE that is there already, but it is a very long Note.
        4. Notes are smaller font size to set it off from the Normative text.
        5. If Note, then “may” need to be removed, and some capitalization need to be revisited.
        6. Concerned with the information that is being contained in the Note and it may be good to add an informative annex.
           1. But adding as an annex, it was not very large, and so having a Note may be better.
        7. More updates will need to be made.
        8. Submit the update to the reflector
  5. **Adjourned 12:01pm**

**References:**