IEEE P802.11
Wireless LANs

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| Minutes for REVme Telecon July 8, 2024 |
| Date: 2024-07-08 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
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Abstract

Minutes for the 802.11me (REVme) Telecon held on July 8, 2024.

Action Items:

* + - 1. ACTION ITEM #1: Mark H to check with Stephen MCCANN (RE: CID 8257 (SEC))
1. **TGme (REVme) Telecon – Monday, July 8, 2024, at 10:00-12:00 ET**
	1. **Called to order** 10:04am ET by the TG Chair, Michael MONTEMURRO (Huawei).
	2. **Introductions of other Officers present:**
		1. Chair - Michael MONTEMURRO (Huawei).
		2. Vice Chair - Mark HAMILTON (Ruckus/CommScope)
		3. Vice Chair - Mark RISON (Samsung)
		4. Editor - Emily QI (Intel)
		5. Secretary – Jon Rosdahl (Qualcomm)
	3. **Telecon Attendance:**
		1. IMAT Reported**:**

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| --- | --- | --- |
|  | Name | Affiliation |
| 1 | Coffey, John | Realtek Semiconductor Corp. |
| 2 | Halasz, David | Morse Micro |
| 3 | Hamilton, Mark | Ruckus/CommScope |
| 4 | Hedayat, Ahmadreza | Apple Inc. |
| 5 | Kim, Youhan | Qualcomm Technologies, Inc. |
| 6 | Levy, Joseph | InterDigital, Inc. |
| 7 | Montemurro, Michael | Huawei Technologies Co., Ltd |
| 8 | Ouzane, Riadh | VESTEl, IMU |
| 9 | Petrick, Albert | Jones-Petrick and Associates, LLC. |
| 10 | Qi, Emily | Intel |
| 11 | Raissinia, Alireza | Qualcomm Incorporated |
| 12 | RISON, Mark | Samsung Cambridge Solution Centre |
| 13 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| 14 | Shi, Yan | Mediatek |
| 15 | Zhou, Lei | H3C Technologies Co., Limited |

* + 1. WebEx Report for those not on IMAT:

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| --- | --- | --- |
|  | Name | Affiliation |
| 1 | Hui luo | Infineon |
| 2 | Xiao Tong | Xiaomi Communications Co., Ltd. |
| 3 | Ke Zhong | Ruijie Networks Co.,Ltd. |

* 1. **Review Patent Policy/Copyright Policy**
		1. No Issues noted.
	2. **Review Agenda: 11-24/1101r0**
	3. **Editor Report: Emily QI**
		1. We have uploaded new comments.
		2. There are technical and 8 General comments assigned to SEC AdHoc group.
		3. The Editorial Comments went to Editor
		4. The Chair will handle the database processing this round.
		5. The objective is to approve a new Recir out of July.
	4. **Review doc 11-24/1070r2 – Ali Raissinia (Qualcomm)**
		1. <https://mentor.ieee.org/802.11/dcn/24/11-24-1070-02-000m-comment-resolutions-for-secure-ranging.docx>
		2. CIDs 8001, 8003, 8004, 8005, 8006, 8007, 8009, 8010, 8018, 8028, 8029, 8030, 8032, 8033 and 8035
		3. CIDs 8005, 8009, 8010, 8028, and 8029:
			1. All relate to having "HE-" in the "HE-LTF" strings passed to functions
			2. 802.11bk will remove the “HE-“.
			3. Note that 802.11bk is also making changes to the "HE-" labels; those are not covered here.
			4. Missed one strike-out of “HE-“
			5. Question on format of table, vertical vs horizontal text. The Editor said it should be ok.
		4. Proposed Resolution: Revised; Implement the changes in doc 11-24/1070r3 (<https://mentor.ieee.org/802.11/dcn/24/11-24-1070-03-000m-comment-resolutions-for-secure-ranging.docx>) for CIDs 8005, 8009, 8010, 8028, and 8029:
			1. **No Objection – Mark Ready for Motion.**
		5. CID 8007
			1. Discussion on the Security review implications.
			2. KDF Hash function and this is expecting to have bit string.
			3. Making a change in one place would cause significant problems, so no change is required.
			4. Proposed Resolution: Rejected; HMAC can generate output that converts bit-strings to octet-strings using baseline conventions stated in section 9.2.2. No Change is required.
			5. No Objection – Mark Ready for Motion.
		6. CIDs 8003, 8004, 8018 and 8030.
			1. Review CID and Discussion.
			2. Proposed Resolution; Revised. Incorporate the changes shown in 11-23/1070r3 (<https://mentor.ieee.org/802.11/dcn/24/11-24-1070-03-000m-comment-resolutions-for-secure-ranging.docx> ) for CIDs 8003, 8004, 8018 and 8030
			3. No Objection – Mark Ready for Motion.
		7. CID 8001 and 8006
			1. Review Comment and discussion.
			2. Identified more locations that need to be corrected.
				1. Also Figure 12-54
				2. Also, in text on P3173-3174
				3. P3173.62,
				4. P3173.62,
			3. Proposed Resolution: Revised; Implement the changes in doc 11-24/1070r3 (<https://mentor.ieee.org/802.11/dcn/24/11-24-1070-03-000m-comment-resolutions-for-secure-ranging.docx>) for CID 8001 and 8006.
		8. CID 8032 (SEC)
			1. Review Comment and discussion
			2. Change “in every other ranging measurement” to “in every ranging measurement”
			3. Suggestion to delete “key in every other ranging measurement exchange even if the current ranging measurement exchange is unsuccessful”
			4. Just make it “in every ranging measurement exchange”
			5. Proposed Resolution: Revised; Implement the changes in doc 11-24/1070r3 (<https://mentor.ieee.org/802.11/dcn/24/11-24-1070-03-000m-comment-resolutions-for-secure-ranging.docx>for CID 8032.
			6. No objection – Mark Ready for Motion.
		9. CID 8033 (SEC)
			1. Review Comment and Discussion
			2. Review proposed changes.
			3. Proposed Resolution: Revised; Implement the changes in doc 11-24/1070r3 (<https://mentor.ieee.org/802.11/dcn/24/11-24-1070-03-000m-comment-resolutions-for-secure-ranging.docx>) for CID 8033
			4. No Objection – Mark Ready for Motion
		10. CID 8035 (ED2)
			1. Review Comment and Discussion
			2. Review proposed changes.
			3. Proposed Resolution: Revised; Implement the changes in doc 11-24/1070r3 <https://mentor.ieee.org/802.11/dcn/24/11-24-1070-03-000m-comment-resolutions-for-secure-ranging.docx>) for CID 8035
			4. No objection – Mark Ready for Motion.
	5. **RAC CIDs 8040, 8041 and 8042 (SEC):**
		1. CIDs were submitted by Angela Thomas on behalf of the RAC.
		2. CID 8042 (SEC)
			1. Review CID
			2. Discussion on proposed changes.
			3. Proposed Resolution: Accepted
			4. No Objection – Mark Ready for Motion
		3. CID 8041 (SEC)
			1. Review Comment
			2. The type of identifier depends on the type of WUR frame
			3. Discussion on how the 3 comments are independent even though in the same table.
			4. Proposed Resolution: Accepted
			5. No Objection – Mark Ready for Motion
		4. CID 8040 (SEC)
			1. Review Comment
			2. Discussion on proposed changes.
			3. Suggestion to reduce the proposed changes into two sentences.
		5. Return to discussion on CID 8042 (SEC)
			1. Update the resolution: REVISED (SEC: 2024-07-08 15:02:06Z) - Make the proposed change, and at 1874.4, 4817.13 and 4817.32 change "OUI" to "OUI or CID"
			2. No objection – still ready for Motion.
		6. Back to 8040 (SEC)
			1. Proposed Resolution: REVISED (SEC: 2024-07-08 14:57:48Z)
			Change the cited paragraph to:
			"The ID field contains an identifier (or, in the case of WUR Vendor ID, a portion of an identifier) for the WUR frame. The nature of the identifier for various cases is shown in Table 9-675 (Identifiers of WUR frames(11ba)) and depends on the type of WUR frame (see 9.9.3 (Format of individual WUR frame types))."
			2. No objection – still ready for Motion.
	6. CID 8039 (SEC)
		+ 1. Review Comment and context.
			2. Discussion on the other locations that need to be considered.
			3. Need an EBCS expert. Not clear the proposed change is correct.
			4. Need to contact the commentor (Abhi)
			5. Mark This as More Work Required.
			6. Schedule for Plenary
	7. **CIDs from Mark Hamilton**
		1. CID 8259 (SEC)
			1. Review Comment
			2. About half of the CIDs are on Normative Verbs, so we may want to group together.
			3. Discussion page 1676 – “shall contain” usage.
			4. Assign to Mark HAMILTON
			5. Mark More Work Required
			6. Schedule for Plenary
		2. CID 8258 (SEC)
			1. Review Comment and context.
			2. Proposed resolution: Accepted
			3. No Objection - Mark Ready for Motion
		3. CID 8257 (SEC)
			1. Review Comment and Context
			2. ACTION ITEM #1: Mark H to check with Stephen MCCANN
			3. Assign to Mark HAMILTON
			4. Mark More Work Required.
			5. Schedule for Plenary
		4. CID 8256 (SEC)
			1. Review Comment and Context
			2. Discussed the suggested to remove listed frames it is used in.
			3. Leave proposed change as given.
			4. Proposed resolution: Accepted
			5. No Objection - Mark Ready for Motion
		5. CID 8254 (SEC)
			1. Review Comment and Context
			2. Proposed resolution: Accepted
			3. No Objection - Mark Ready for Motion
		6. CID 8253 (SEC)
			1. Review Comment and Context
			2. Need proper citation to RFC.
			3. Need to change “and to or”
			4. So change to Revised.
			5. Proposed Resolution: REVISED (SEC: 2024-07-08 15:31:24Z) -
			Change the cited text to: "The Ephemeral Public Key field contains the public key encoded using IETF RFC 5480 conventions, in either compressed or uncompressed form."
			6. No Objection - Mark Ready for Motion
		7. CID 8252 (SEC)
			1. Review Comment and Context
			2. Proposed resolution: Accepted
			3. No Objection - Mark Ready for Motion

* + 1. CID 8251 (SEC)
			1. Review Comment and Context
			2. Change “may be present in order to” to “is optionally present to”
			3. Proposed resolution: REVISED (SEC: 2024-07-08 15:37:11Z) - At cited location, change "may be present in order to" to "is optionally present to"
			4. No Objection - Mark Ready for Motion

* + 1. CID 8250 (SEC)
			1. Review Comment and Context
			2. Discussion on if this is behavioral or response from a request.
			3. Proposed resolution: Accepted
			4. No Objection - Mark Ready for Motion
		2. CID 8249 (SEC)
			1. Review Comment and Context
			2. Proposed resolution: REVISED (SEC: 2024-07-08 15:42:05Z)
			The normative behavior is in the existing standard. Delete the cited sentence.
			3. No Objection - Mark Ready for Motion

* + 1. CID 8247 (SEC)
			1. Review Comment and Context
			2. Proposed resolution: REVISED (SEC: 2024-07-08 15:48:13Z)
			Delete the cited sentence and delete the sentence at 1318.3
			3. No Objection - Mark Ready for Motion
		2. CID 8246 (SEC)
			1. Review Comment and Context
			2. Proposed resolution: Accepted
			3. No Objection - Mark Ready for Motion

* + 1. CID 8245 (SEC)
			1. Review Comment and Context
			2. Proposed resolution: Accepted
			3. No Objection - Mark Ready for Motion
		2. CID 8244 (SEC)
			1. Review Comment and Context
			2. Discussion on if this is behavorial again. This is an improvement, so take the change.
			3. Discussion on the field vs the value of the field.
			4. Proposed resolution: REVISED (SEC: 2024-07-08 15:54:25Z) - Replace the sentences "The HESSID field, which is … A STA may use… per 11.1.4." with
			"The HESSID field indicates the target HESSID when a STA is actively scanning."
			5. No Objection - Mark Ready for Motion
		3. CID 8243 (SEC)
			1. Review Comment and Context
			2. Proposed resolution: Accepted
			3. No Objection - Mark Ready for Motion
		4. CID 8242 (SEC)
			1. Review Comment and Context
			2. Proposed resolution: Accepted
			3. No Objection - Mark Ready for Motion
	1. About 5 CIDs left, will discuss at the Plenary.
	2. Adjourned 12:00 EDT.

**References:**