IEEE P802.11
Wireless LANs

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| Telecon Minutes for REVmd CRC- April 15 and 17 2020 |
| Date: 2020-04-15 |
| Author(s): |
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Abstract

Minutes for the 802.11md REVmd CRC teleconferences for April 15 and 17, 2020.

R0: April 15 Miunutes

1. **IEEE 802.11md REVmd CRC Telecon Wednesday April 01, 2020 16:00-18:00 ET**
	1. **Called to order at 4:03pm** by the TG Chair Dorothy STANLEY (HPE)
	2. **Review Patent and Participation Policy**
		1. No Issues noted.
	3. **Attendance:** -please log with IMAT:
		1. WebEx reported 13 on call
		2. IMAT Attendance Report:

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| --- | --- | --- | --- | --- |
|  | TGmd | 4/15 | Au, Kwok Shum | Huawei Technologies Co.,  Ltd |
|  | TGmd | 4/15 | Bhandaru, Nehru | Broadcom Corporation |
|  | TGmd | 4/15 | Coffey, John | Realtek Semiconductor Corp. |
|  | TGmd | 4/15 | Derham, Thomas | Broadcom Corporation |
|  | TGmd | 4/15 | Fischer, Matthew | Broadcom Corporation |
|  | TGmd | 4/15 | Hamilton, Mark | Ruckus Wireless |
|  | TGmd | 4/15 | Levy, Joseph | InterDigital, Inc. |
|  | TGmd | 4/15 | Montemurro, Michael | BlackBerry |
|  | TGmd | 4/15 | Qi, Emily | Intel Corporation |
|  | TGmd | 4/15 | RISON, Mark | Samsung Cambridge Solution Centre |
|  | TGmd | 4/15 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
|  | TGmd | 4/15 | Stanley, Dorothy | Hewlett Packard Enterprise |
|  | TGmd | 4/15 | Yu, Mao | NXP Semiconductors |

* 1. **Review Agenda**: 11-20/535r2:

* + 1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0535-02-000m-2020-april-july-teleconference-agendas.docx>
		2. **The draft agenda for the teleconferences is below:**

1.       Call to order, attendance, and patent policy

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

1. Cause an LOA to be submitted to the IEEE-SA (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.      Patent, Participation slides: See slides 5-12 in <https://mentor.ieee.org/802.11/dcn/20/11-20-0308-00-000m-2020-march-tgmd-agenda.pptx>

c. Adhoc meeting reminders:

April 21-23 Cambridge UK – Not in person; teleconference proposal is below.

2.       Editor report – Emily QI/Edward AU

3.       Comment resolution

e. 2020-04-15 Wednesday – 4:00-6pm Eastern \*\*\*\*\*Teleconference announced with 10 day notice\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*(London is +5)

i. Jon ROSDAHL – GEN CIDs

ii. Mark RISON - CIDs – 60 minutes

1. Nehru BHANDARU - CID 4204 – 11-20/246r8

4. Adjourn

* + 1. Discussion on when Motions are planned.
		2. Adjust to have Nehru be first today.
		3. No objection to the planned agenda:
	1. **Editor Report:** Emily QI (INTEL)
		1. No update for today.
	2. **Review doc 11-20/246r8** – Nehru BHANDARU (Broadcom)
		1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0246-08-000m-d30crs.docx>
		2. CID 4204 (PHY)
			1. Review the changes from R7
			2. Proposed Resolution: REVISED (PHY: 2020-04-15) - Incorporate the changes in 11-20/246r9 <<https://mentor.ieee.org/802.11/dcn/20/11-20-0246-09-000m-d30crs.docx>> under "4204 Discussion" which resolve the comment in the direction of the proposed resolution.; Note to Editors: The changes start on page 12 of the document.
			3. New Comment group starts today.
			4. Discussion on why we deleted “or PMKSA caching” was deleted in row 13 and not 3; also, in row 16 and 17.
				1. Determined to undelete the deletion of “or PMKSA caching”
	3. **AdHoc List of CIDS** - Mark RISON
		1. CID 4229 (MAC)
			1. This is assigned to Sean COFFEY - Assign to April 23 Telecon
		2. CID 4245 (MAC)
			1. Discussion on this CID is included in 11-20/435 document.
			2. See Doc 11-20/435r1:
			3. <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-01-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>
			4. Review comment
			5. Review submission discussion and proposed changes.
			6. Proposed Resolution: REVISED (MAC: 2020-04-15 20:39:47Z): Make the changes shown under “Proposed changes” for CID 4245 in 11-20/0435r1 (https://mentor.ieee.org/802.11/dcn/20/11-20-0435-01-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx), which clarify that the EDCA Parameter Set element is not used in MBSSes, and that S1G STAs are not used in MBSSes.
			7. No objection – Mark Ready for Motion
		3. CID 4259 (MAC)
			1. Review comment
			2. Review Proposed Change:

In 9.3.2.1.1 change

“Data frames with a 1 in the QoS subfield of the Subtype subfield are collectively referred to as QoS Data frames. Each of these data subtypes contains QoS in their names, and this frame format is distinguished by the presence of a QoS Control field in the MAC header.”

to

“Data frames that are distinguished by the presence of a QoS Control field in the MAC header have the QoS subfield of the Subtype subfield set to 1 and contain QoS in their names.

Depending on the context, QoS Data frame either refers to any such frame, or refers specifically to the Data frame with subtype 1000. References nearby to other specific Data frames with QoS in their name (e.g. QoS Null or QoS Data +CF-Poll) typically suggest the latter interpretation.”

* + - 1. Discussion on the proposed change.
			2. Discussion on ways to simplify the wording.
			3. Posable Resolution: Revised; In 9.3.2.1.1, at 846.43 (D3.0) change Data frames with a 1 in the QoS subfield of the Subtype subfield are collectively referred to as QoS Data frames. Each of these data subtypes contains QoS in their names, and this frame format is distinguished by the presence of a QoS Control field in the MAC header. to Data frames with the QoS subfield of the Subtype subfield set to 1 contain QoS in their names and contain a QoS Control field in the MAC header. Depending on the context, QoS Data frame either refers to any such frame, or refers specifically to the Data frame with subtype 1000. References nearby to other specific Data frames with QoS in their name (e.g. QoS Null or QoS Data +CF-Poll) typically suggest the latter interpretation.
			4. Need to have the italics made, so this will be included in 11-20/435r2 and will be ready for motion.
			5. Proposed Resolution: REVISED (MAC: 2020-04-15 20:54:37Z): Make the changes shown under “Proposed changes” for CID 4259 in 11-20/0435r2 (<https://mentor.ieee.org/802.11/dcn/20/11-20-0435-02-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>).
			6. Mark Ready for Motion
		1. CID 4263 (MAC)
			1. Proposed Resolution: Reject – Insufficient Detail
			2. Mark needs more time. otherwise Insufficient detail.
		2. CID 4269 (MAC)
			1. Assigned to Alfred – on future Agenda
		3. CID 4343 (MAC)
			1. Review Comment
			2. Review Minutes from Sunrise AdHoc.
			3. Proposed Resolution: Reject – Insufficient Detail
			4. Mark needs more time. otherwise Insufficient detail.
		4. CID 4345 (MAC)
			1. It is assigned to Menzo
			2. ACTION ITEM: Mark Hamilton – check with Menzo for Status.
		5. CID 4353 (MAC)
			1. Proposed Resolution: Reject – Insufficient Detail
			2. Mark needs more time. otherwise Insufficient detail.
		6. CID 4361 and 4362 (MAC)
			1. In the AdHoc, a rejection was to be crafted.
			2. Comment is Assigned to Mark RISON
			3. Reviewed Sunrise minutes – history.
			4. Need Volunteer to craft the Rejection Reason.
			5. Action Item: Dorothy to craft Rejection Reason
			6. Assign Comments to Dorothy
		7. CID 4364 and 4365 (MAC)
			1. Review comment
			2. Action item from Sunrise AdHoc – Mark RISON to contact Menzo and Mark HAMILTON about these CIDs.
			3. Proposed Resolution: Reject – Insufficient Detail
			4. Mark needs more time. otherwise Insufficient detail.
		8. CID 4379 (MAC)
			1. Assigned to Mark RISON
		9. CID 4381 (MAC)
			1. Already Motioned See Motion #167
		10. CID 4393 (MAC)
			1. Already motioned See Motion #173
		11. CID 4400 (MAC)
			1. Already motioned See Motion #173
		12. CID 4413 (MAC)
			1. Proposed Resolution: Reject – Insufficient Detail
			2. Mark needs more time. otherwise Insufficient detail.
		13. CID 4432 (MAC)
			1. In doc 11-20/435r1
			2. CID 4432 was discussed on March 11. 1.6.4.5 ACTION ITEM: Mark RISON to check the “Announce” frames and the TA vs RA description.
			3. The Claim was that the frames being broadcast is described in Clause 9 in the respective frame format clause.
			4. ACTION ITEM: Matthew FISCHER to look for reference and send to Mark RISON.
	1. **GEN CIDs –**- Jon ROSDAHL (Qualcomm)
		1. see doc 11-20/147r5
			1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0147-05-000m-sb1-revmd-gen-comments.xls>
		2. CID 4013 (GEN)
			1. No discussion.
			2. Proposed Resolution: REVISED. MEC requirements were met – no changes required.
			3. Mark Ready for Motion
		3. CID 4014 (GEN)
			1. We should verify that LPD is correct for Europe in the ITS band.
			2. ACTION: Mike MONTEMURRO (BlackBerry) to verify.
			3. Proposed Resolution: REVISED (GEN: 2020-04-15 21:24:22Z) - Change a) to: In the 5.9 GHz band in the United States (see E.2.3 (5.9 GHz band in the United States (5.850-5.925 GHz))) use EPD.
			4. Mark Ready for motion
		4. CID 4017 (GEN)
			1. The page and line number are 4399.30.
			2. It’s not clear why there are references to DMG in a VHT TXOP sequence.
			3. The sequence needs to be invoked by a parent sequence.
			4. The proposed change looks to be correct, but the change is not complete.
			5. Assign to Harry BIMS.
			6. In 4398.35, there is an extraneous “h)” – note to Editor to remove as an editorial change.
			7. Adhoc status to Submission required
		5. CID 4018 (GEN)
			1. This CID provides the invocation that was missing in the resolution to 4017.
			2. This resolution should be included on 4398.34.
			3. A submission is required for CID 4017 and CID 4018.
			4. Assign to Harry BIMS.
			5. Adhoc status to Submission required.
		6. CID 4035 (GEN)
			1. It would appear that the change is not clear.
		7. Adhoc status to Submission required.
		8. ASSIGN to Yongho SEOK
		9. CID 4045 (GEN)
			1. “mesh peering” should be lower case in this context.
			2. There are additional locations such as: 591.24, 592.07, and 593.36.
			3. Proposed Resolution: REVISED (GEN: 2020-04-15 21:43:17Z) - Replace with "mesh peering Management frame” at P591L24, P592L7, P592L53 and P593L36
			4. Mark Ready for motion
		10. CID 4064 (GEN)
			1. No discussion
			2. Proposed Resolution: ACCEPTED (GEN: 2020-04-15 21:45:50Z)
			3. Mark Ready for Motion
		11. CID 4065 (GEN)
			1. If it’s not based on RTS threshold length, then what is it based on?
			2. include reference to CID that removed dot11RTSThreshold.
			3. More work needed.
			4. ACTION ITEM: Emily to research the change and post an email to the reflector with the result.
		12. CID 4030 (GEN)
			1. This CID is a duplicate of CID 4014. It will have the same resolution.
			2. Proposed Resolution: REVISED (GEN: 2020-04-15 21:24:22Z) - Change a) to: In the 5.9 GHz band in the United States (see E.2.3 (5.9 GHz band in the United States (5.850-5.925 GHz))) use EPD.
			3. Mark Ready for Motion
		13. CID 4396 (GEN)
			1. “if and only if” phrasing was taken out of the specification.
			2. Discussion: The comment fails to identify changes in sufficient detail that specific wording of the changes that will satisfy the commenter can be determined.
			3. Proposed Resolution: REJECTED (GEN: 2020-04-15 21:53:08Z) The comment fails to identify changes in sufficient detail so that the specific wording of the changes that will satisfy the commenter can be determined.
			4. Mark Ready for motion.
		14. CID 4419 (GEN)
			1. No discussion.
			2. There should be a definition such as “A STA with dot11… set to true” so the proposed resolution does not look correct.
			3. At 168.64, there is a better definition construct.
			4. More discussion is required on this comment.
	2. **Review the Agenda for April 17**
		1. Proposed Motions will be listed in the Agenda doc 11-20/535r3
		2. <https://mentor.ieee.org/802.11/dcn/20/11-20-0535-03-000m-2020-april-july-teleconference-agendas.docx>
	3. **Adjourn until the April 17th telecon**.

**References:**

**April 15:**

1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0535-02-000m-2020-april-july-teleconference-agendas.docx>
2. <https://mentor.ieee.org/802.11/dcn/20/11-20-0308-00-000m-2020-march-tgmd-agenda.pptx>
3. <https://mentor.ieee.org/802.11/dcn/20/11-20-0246-08-000m-d30crs.docx>
4. <https://mentor.ieee.org/802.11/dcn/20/11-20-0246-09-000m-d30crs.docx>
5. <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-01-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>
6. <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-02-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>
7. <https://mentor.ieee.org/802.11/dcn/20/11-20-0147-05-000m-sb1-revmd-gen-comments.xls>