IEEE P802.11  
Wireless LANs

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| IEEE 802.11 MAC Ad hoc  July 15 PM3 TGax MAC Ad hoc Meeting Minutes | | | | |
| Date: 2019-07-15 | | | | |
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Abstract

This document contains the TGax-mac-ad-hoc meeting minutes from the IEEE 802.11 Vienna 15 July 2019 PM3 session.

**IEEE 802.11 Task Group ax, MAC Ad hoc**

**July 2019 Meeting, Vienna, Austria.**

**July 14 – 19, 2019**

**Monday, July 15, 2019, PM3 TGax MAC Ad Hoc Session (17:30 - 19:30)**

1. **The meeting called to order at 7:35 PM by Osama (Huawei), the chair of 802.11 TGax.**
   1. 30 people are in the room.
2. **Agenda Setting (11-19/1279r0)**
   1. Proposed agenda for Monday, July 15 PM3:
      1. Call meeting to order
      2. IEEE-SA IPR policy and Procedure
      3. Submissions and comment resolution
      4. Recess
   2. Chair asked if there is any item to add to the agenda. 🡪 No response.
   3. Chair asked if there is any objection to proceed with this agenda. 🡪 No objection.
      1. The agenda was accepted.
3. **Reminder and Announcement**
   1. Chair reminded that we are still operating under the IEEE-SA P&P.
      1. No body spoke up.
   2. Chair asked people to state name and affiliation when addressing the group for the first time in a session.
   3. Attendance: <https://imat.ieee.org/attendance>
4. **Comment Resolution**
   1. **Alfred Asterjadhi (Qualcomm) presented 11-19/961r1 - MAC-CR-Group addressed MPDUs delivery.**

Alfred: this is just a quick update, this was originally presented in the ad-hoc meeting.

Yongho wants to review for inconsistences as he is also making changes to the same sub-clause.

**No Strawpoll**

* 1. **Alfred Asterjadhi (Qualcomm) presented 11-19/** **962r2-MAC-CR-Non-AP STA scanning behavior.**

Alfred updated the changes made in r2

Mark: In general magic numbers (e.g. 7 ms) in this document should not be used.

Alfred: There are existing examples e.g. in UORA.

Mark: It should be a constant e.g aPPDUMaxTime etc. so people know where the number is coming from.

Jarko: CID 20374: Why was this changed from step C to step D?

Alfred: This was based on request during the ad-hoc meeting. We can discuss with Laurent.

Yongho: Why 7 ms? 6 GHz behavior is different from other bands, we should not reuse values from other bands.

Alfred: Will re-consider.

Mark: This is not consistent with REVmd.

Alfred: This will be fixed by editor base on next release of REVmd.

Kaiying: scan in "... 7 ms from the start of the scan", should be "active scan". WFA OSC (CERTIFIED Optimized ConnectivityS) uses "active scan"

Alfred changed to “active scan”.

Mark: Why "active scan"?

There is some discussion whether it should be changed to active scan or just leave it as scan.

Alfred: If I define a MIB, is 7ms ok as a default value?

Yongho and Mark are fine with it.

Alfred will replace 7 ms with a MIB in the next revision.

Osama: Only CID 20210 is deferred in this document?

Jeonki: 20518 and 20519 are also removed right?

Alfred: Yes.

**Strawpoll:** 19/962r2 (without CIDs 20210, 20518 and 20519) approved with unanimous consent.

* 1. **Alfred Asterjadhi (Qualcomm) presented 11-19/** **964r2-MAC-CR-Additional rules for preassociation.**

Alfred updated the changes made in r2

Yongho: Why the restriction on RU size (106 subcarriers) is applied to all cases? The original was only to FILS Discovery frames.

Alfred amended the text based on online discussions.

Ming: Why did you change to greather than or equal to ... 54 Mb/s?

Liwen: You also need "not less than 6 Mb/s".

Alfred will talk offline about this.

Mark has suggestion to improve the language for text changes for CID 21522.

Yongho requested more time to review the document.

Yarko also has questions about RU size restrictions.

Liwen: CID 21300: Why is DL HE MU PPDU added here?

Alfred: HE SU PPDU and DL HE MU PPDU case is essentially the same.

Po-Kai: request CID 20373 to be deferred.

**No Strawpoll**

* 1. **Alfred Asterjadhi (Qualcomm) presented 11-19/** **963r1- MAC-CR-HE BSS operation\_p2.**

Alfred updated the changes made in r1.

Alfred: I emailed Mark the changes made for CID 20456 and he seems to be fine with them.

**Strawpoll:** 19/963r1 approved with unanimous consent.

Yongho: AP Behavior for the case when the operating bandwidth is reduced, is missing.

Alfred: Will come back regarding this. This will be just minor change.

* 1. **Alfred Asterjadhi (Qualcomm) presented 11-19/** **965r0-MAC-CR-HE BSS operation in 6 GHz band\_p2.**

CID 20075: resolution was updated to "TGax editor to make the changes shown in 11-19/0963r1 under all headings that include CID 20456."

CID 21512: Mark asked if STBC Beacon can be considered as an alternative.

Alfred: STBC Dual Beacon has been deprecated in REVmd.

CID 21048: Based on Mark's remarks, the resolution text was revised (added text about MU EDCA operation)

Alfred revised to r1.

**Strawpoll:** 19/965r1 approved with unanimous consent.

* 1. **Alfred Asterjadhi (Qualcomm) presented 11-19/594r2-MAC-CR-Transmit power control - part 2.**

Mark pointed out that r2 is not on mentor.

Mark: Why is 201 (HE Operation) added to Table 9-173?

Alfred removed the newly added HE Operation.

Mark: Subelement IDs should be assigned by ANA, specific ID values should not be used.

Yongho, Po-Kai: ANA does not assign Subelement IDs.

Mark: Subelement ID should match element ID whenever possible.

Alfred: I will leave this for the editors to fix.

Ran out of time. 19/594r2 will be continued in the next session.

**No Strawpoll**

1. **Recess**
   1. The meeting recessed at 9:30 pm.