IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| REVmc - BRC Minutes for 2015-10-30 Telecon | | | | |
| Date: 2015-11-02 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Adrian Stephens | Intel Corporation |  | +44 1793 404825 | adrian.p.stephens@intel.com |
|  |  |  |  |  |

Abstract

IEEE 802.11 REVmc BRC Minutes for the telecon held on 2015-10-30.

1. Chair called meeting to order at 10:03 eastern.
2. Present:
   1. Dorothy Hamilton (chair, HP Aruba)
   2. Adrian Stephens (secretary, Intel Corporation)
   3. Mark Rison (Samsung)
   4. Emily Qi (Intel Corporation)
   5. Jinjing Jiang (Marvell)
   6. Mark Hamilton (Rukus)
   7. Sigurd Schelstraete (Quantenna)
   8. Graham Smith (SR Technologies)
   9. Sean Coffey (Realtek) (part)
   10. Lisa Ward (Rhode & Schwartz) (part)
3. Chair presented IEEE-SA patent policy and issued call for potentially essential patents. There was no response.
4. Tentative agenda
   1. Call to order, attendance, and patent policy
   2. Editor report
   3. Comment resolution
      1. Friday October 30th (2 hours)
      2. Interworking CIDs 6094 and 6331 - Mark Hamilton and Stephen McCann
      3. Mark Hamilton - MAC CIDs
      4. Friday, November 6th (2 hours)
      5. 11-15-1207 - Adrian - New material starts with CID 6572, also CIDs 5054, 5212, 6227, 6460, 6483, 6488, 6536&6795
      6. 11-15-xxxx - Sigurd
   4. AOB
   5. Adjourn

The tentative agenda was approved with unanimous consent.

1. Comment Resolution
   1. **Document 11-15/762r11**
      1. URL <https://mentor.ieee.org/802.11/dcn/15/11-15-0762-11-000m-resolutions-for-some-comments-on-11mc-d4-0-sbmc1.docx>
      2. Presenter Mark Rison
      3. CID 6561 changes actioned at the last TGmc meeting (2015-10-28) were presented. These will be uploaded in R12. (Note added after meeting, R12 was uploaded to the server on 2015-10-31 at 01:08 ET).
      4. CID 6788, 6819
         1. Changes reviewed since last meeting.
      5. Proposed resolution for CID 6788: (GEN)
         1. Revised
         2. Make the changes shown under “Proposed changes” for CIDs 6788, 6819, 6298, 6561 in https://mentor.ieee.org/802.11/dcn/15/11-15-0762-12-000m-resolutions-for-some-comments-on-11mc-d4-0-sbmc1.docx.
         3. Ready for motion
      6. Proposed resolution for CIDs 6819 and 6298: (GEN)
         1. Revised
         2. Make the changes shown under “Proposed changes” for CIDs 6788, 6819, 6298, 6561 in https://mentor.ieee.org/802.11/dcn/15/11-15-0762-12-000m-resolutions-for-some-comments-on-11mc-d4-0-sbmc1.docx, which effect the requested change.
         3. Ready for motion
      7. Proposed resolution for CID 6561: (GEN)
         1. Revised
         2. Make the changes shown under “Proposed changes” for CIDs 6788, 6819, 6298, 6561 in https://mentor.ieee.org/802.11/dcn/15/11-15-0762-12-000m-resolutions-for-some-comments-on-11mc-d4-0-sbmc1.docx. These clarify that MMPDUs are often loosely referred to as frames.
         3. Ready for motion.
   2. **Document 11-15/1180r6**
      1. URL <https://mentor.ieee.org/802.11/dcn/15/11-15-1180-06-000m-sb0-resolutions-for-ps-comments.docx>
      2. Note added after the meeting: R7 was uploaded to the server on 2015-10-30 at 10:50 ET.
      3. Presented by Emily Qi
      4. CID 6203 (MAC)
         1. This was discussed in the last meeting. Updates presented. Two options were presented. Option 2 is new since the last meeting.
         2. Discussion on whether the contents of the TCLAS subelement(s) are sufficient to uniquely identify an FMS stream.
         3. Straw poll: Do you support moving ahead with option 2:
            1. Yes 1
            2. No 11
            3. Abstain 1111
         4. Action: please review and talk to Emily about your concerns.
      5. CID 6406 (MAC)
         1. Discussion:
            1. Can a STA with a TDLS link use SM power saving? Consensus it cannot.
         2. Proposed Resolution:
            1. Revised
            2. At 1578.22, change “The SM power save feature allows a non-AP HT STA to operate with only one active receive chain for a significant portion of time.” To “The SM power save feature allows a non-AP HT STA in an infrastructure BSS to operate with only one active receive chain for a significant portion of time.”At 1578.59, Change “A STA that has one or more DLS links shall not operate in SM power save mode.”To “A STA that has one or more DLS or TDLS links shall not operate in SM power save mode.”
         3. Ready for motion
   3. MAC CIDS
      1. Presented from the MAC database by Mark Hamilton.
      2. CID 6301 (MAC)
         1. Proposed Resolution:
            1. CID 6301: REVISED (MAC: 2015-10-30 14:54:35Z): Add to the end of the "Meaning" for "REFUSED\_BASIC\_RATES\_MISMATCH" in Table 8-45, ", the Basic MCS Set field of the HT Operation parameter, or the Basic VHT-MCS and NSS Set field in the VHT Operation parameter"
         2. Ready for motion.
      3. CID 5398 (MAC)
         1. Proposed Resolution

REJECTED (MAC: 2015-10-30 14:57:44Z): The value chosen by the sending STA, is chosen to be the identifier for this transaction. It is not chosen "to provide an identifier" for the transaction; that implies another level of abstraction (this value somehow is used in a process which results in an identifier being provided).

* + - 1. Ready for motion
    1. CID 5060 (MAC)
       1. Proposed Resolution: accepted
       2. Ready for motion
    2. CID 6060 (MAC)
       1. Discussion
          1. Are there any other references to “Status Code field” intended to apply to this field. E.g. See 1746.50.
          2. Also Change matching primitives terminology.
       2. Action: Mark H to check and update.
    3. CID 6407 (MAC)
       1. Proposed Resolution

REVISED (MAC: 2015-10-30 15:05:33Z): Change "The Transmit Power Envelope element conveys the local maximum transmit power for various transmission bandwidths. The format of the Transmit Power Envelope element is shown in Figure 8-562 (Transmit Power Envelope element format)."

to

"The Transmit Power Envelope element field is defined in 8.4.2.161 (Transmit Power Envelope element)."

* + - 1. Ready for motion
    1. CID 6503 (MAC)
       1. Proposed Resolution: Accepted.
       2. Ready for motion
    2. CID 5034 (MAC)
       1. Proposed resolution: Accepted
       2. Ready for motion
    3. CID 5032 (MAC)
       1. Proposed resolution: Accepted
       2. Ready for motion
    4. CID 5033 (MAC)
       1. Proposed resolution: Accepted
       2. Ready for motion
    5. CID 5414 (MAC)
       1. Some discussion on the precise wording, and how use of RIFS is signalled.
       2. Proposed resolution:

CID 5414: REJECTED (MAC: 2015-10-30 15:16:17Z): First, this is a PHY-dependent discussion, not a MAC mode discussion, so things like a "mesh STA" are not relevant. That said, there are PHY limitations on this, yes: a DMG STA or an HT STA may use RIFS. Other PHY types are excluded because the use of RIFS is only allowed if the BSS allows it as expliclity indicated.

The cited text is in a subclause which is obsolete and therefore there is no incentive to clarify it.

* + - 1. Ready for motion
    1. CID 6453 (MAC)
       1. Proposed resolution: accepted
       2. Ready for motion
    2. CID 5421 (MAC)
       1. Discussion. Changes also need to be made for CTS timeout. Wording is unnecessarily verbose as proposed. Definition of value is important enough not to be in parens.
       2. + other locations to consider 1253.58, 1254.31 (2x), 1323.05
       3. Action: Mark H to go away and consider these other locations.
    3. CID 5422 (MAC)
       1. Discussion:
          1. Changes are complex. Editors would prefer not to follow complex instructions. Is there a need to change the text? It appears the text is accurate.
          2. The cited sentence contains a logical error, the Ack frame does not contain a TA, so the STA receiving the Ack cannot determine where it came from
       2. Action: Assign to Graham Smith (with CID 5423).
    4. CID 5423 (MAC)
       1. Assigned to Graham Smith
    5. CID 6499 (MAC)
       1. Discussion: don’t need to be more specific “.. containing all or part of a BU” because this won’t ever happening when talking to a compliant peer. The commenter’s list of locations is not complete.
       2. Action: Mark to update the locations and use the commenter’s change at these locations.
    6. CID 5110 (MAC)
       1. Discussion: See CID 6426
       2. Proposed Resolution: Accepted
       3. Ready for motion.
    7. CID 6429 (MAC)
       1. Started discussion.
       2. Agenda time ran out

1. Next meeting 2015-11-06. Telecon. 10:00am eastern.
2. Chair adjourned meeting at 12:00 eastern.