IEEE P802.11  
Wireless LANs

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| Minutes for TG REVmc Teleconferences May-June 2013 | | | | |
| Date: 2013-06-07 | | | | |
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Abstract

Minutes for the TGm REVmc telecon:

2013-05-31

2013-06-07

2013-06-21 (to be added)

1. Minutes for the TG REVmc Telecon for May 31 2013
   1. Proposed Agenda – May 31, 2013:
2. Call to order, Patent Policy, Attendance
3. Editor Report
4. Comment Resolution - review available resolutions:
   1. <https://mentor.ieee.org/802.11/dcn/13/11-13-0647-00-000m-comment-resolution-for-cid1014.docx>
   2. <https://mentor.ieee.org/802.11/dcn/13/11-13-0583-00-000m-proposed-lb193mc-tfs-comment-resolutions.doc>
   3. <https://mentor.ieee.org/802.11/dcn/13/11-13-0123-02-000m-iso-jtc1-sc6-8802-11-2012-comments.xls>
5. AOB
6. Adjourn
   1. Called to order by Dorothy Stanley, Chair of TG REVmc at 10:04 am; no agenda changes.
   2. Call for Patents - Review Patent Policy and Meeting Policy
      1. None Identified
   3. Attendance: Dorothy STANLEY, Aruba; Adrian STEPHENS, Intel; Mark HAMILTON, SpectraLink, Edward AU, Huawei, Qi WANG, Broadcom.
   4. Editor Report – Adrian Stephens
      1. Editor plans to have a draft incorporating the comments approved at the recent May meeting posted on or before 2013-06-14. D1.5.
      2. Comments have been incorporated, and the editor review team is identifying any defects.
   5. Comment Resolution
   6. Draft comment resolutions available in <https://mentor.ieee.org/802.11/dcn/13/11-13-0647-00-000m-comment-resolution-for-cid1014.docx>. Includes CIDs 1014, and in <https://mentor.ieee.org/802.11/dcn/13/11-13-0583-01-000m-proposed-lb193mc-tfs-comment-resolutions.doc> , and  
      <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-00-000m-some-more-lb193-resolutions.doc> , and <https://mentor.ieee.org/802.11/dcn/13/11-13-0123-02-000m-iso-jtc1-sc6-8802-11-2012-comments.xls>
      1. Agree to begin with 11-13-0647-00 comments, then 11-13-583-01.
   7. CID 1014:
      1. Review of proposed text changes in <https://mentor.ieee.org/802.11/dcn/13/11-13-0647-00-000m-comment-resolution-for-cid1014.docx> .
      2. Is a specific reference required to the source of the “SUCCESS” etc values?
      3. If a reference is needed, it needs to apply generally, since specific values are present in numerous places, for example 130.28 (D1.0). Meaning is clear; consider if further definition needed for potential D2.0 comment.
      4. Agree with proposed text change in 647r0 to cited text.
      5. Proposed additional text change, need to add “.xxx” to inserted primitive name.
      6. Changes made and posted in <https://mentor.ieee.org/802.11/dcn/13/11-13-0647-01-000m-comment-resolution-for-cid1014.docx>
      7. Change resolution from “Accepted” to “Revised” since commenter didn’t indicate the specific text change.
      8. Agree to resolve comment 1014 as “Revised” with a resolution of “Incorporate the text changes in <https://mentor.ieee.org/802.11/dcn/13/11-13-0647-01-000m-comment-resolution-for-cid1014.docx> “.
   8. CIDs 50, 309, 311, 312, 313, 316, 1152, 1158, 1159, 1160, 1161, 1162, 1163, 1402 and 1448.
      1. Reviewed proposed changes in <https://mentor.ieee.org/802.11/dcn/13/11-13-0583-01-000m-proposed-lb193mc-tfs-comment-resolutions.doc> , continuing discussion from May meeting, beginning with changes to 10.24.12.3 (p10).
      2. Nomenclature is incomplete. Need term to refer to the persistent entity/data that is established.
      3. Lengthy discussion on hierarchy of terms, naming to distinguish between the values exchanged in the frames and the resulting filter (agreement).
      4. Success/fail is indicated at the subelement level; agreement is reached only when AP and non-AP STA agree on all subelement components.
      5. Introduce “traffic filtering agreement” term which also includes the TFS Action Code value.
      6. Changes also made in 10.24.12.1 to update terms.
      7. EAPOL filter establisted by the AP – added to the traffic filter agreement without indication of success to the non-AP STA.
      8. Changes will be reflected in 11-13-0583-02.
   9. No other business. Reminder: next call is June 7th.
   10. Adjourned at 12:00 ET.
7. Minutes for the TG REVmc Telecon for June 7, 2013
   1. Proposed Agenda – June 7, 2013:
8. Call to order, Patent Policy, Attendance
9. Editor Report
10. Comment Resolution - review available resolutions:
    1. <https://mentor.ieee.org/802.11/dcn/13/11-13-0583-02-000m-proposed-lb193mc-tfs-comment-resolutions.doc>
    2. <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-01-000m-some-more-lb193-resolutions.doc>
    3. <https://mentor.ieee.org/802.11/dcn/13/11-13-0123-02-000m-iso-jtc1-sc6-8802-11-2012-comments.xls>
11. AOB
12. Adjourn
    1. Called to order by Dorothy Stanley, Chair of TG REVmc at 10:10 am; no agenda changes.
    2. Call for Patents - Review Patent Policy and Meeting Policy
       1. None Identified
    3. Attendance: Dorothy STANLEY, Aruba; Adrian STEPHENS, Intel; Edward AU, Huawei, Qi WANG, Broadcom, Payam TORAB, Broadcom.
    4. Editor Report – Adrian Stephens
       1. No change from last week (Editor plans to have a draft incorporating the comments approved at the recent May meeting posted on or before 2013-06-14. D1.5. Comments have been incorporated, and the editor review team is identifying any defects.).
    5. Comment Resolution
    6. Draft comment resolutions available in <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-01-000m-some-more-lb193-resolutions.doc>, and  
       <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-01-000m-some-more-lb193-resolutions.doc>, and <https://mentor.ieee.org/802.11/dcn/13/11-13-0123-02-000m-iso-jtc1-sc6-8802-11-2012-comments.xls>
       1. Agree to begin with 11-13-583-02.
    7. CIDs 50, 309, 311, 312, 313, 316, 1152, 1158, 1159, 1160, 1161, 1162, 1163, 1402 and 1448
       1. Review of proposed text changes in <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-01-000m-some-more-lb193-resolutions.doc> .
       2. P9, Text states “When an AP transmits a TFS Response frame …” Should this say “Successfully transmits…” as AP will not know for sure that the non-AP STA has received the TFS Response frame?
       3. The non-AP STA will not know if the AP received the corresponding ACK, so just moving the problem. Should not matter at the management level. If the AP established the filter, and the non-AP STA didn’t receive the frame/has no knowledge of this, then frames are not getting through, and the non-AP STA is likely to be looking for another AP to connect to. No harm done.
       4. Agree to leave text as is
       5. P11, is the text “Otherwise, the AP shall not send additional TFS Notify frames upon frame matches. “clear? Yes, clear from context.
       6. Is the sentence specifying that the TFS Notify frame is an individually addressed frame needed? No prior sentence indicates individually addressed, so delete “A TFS Notify frame is delivered per the rules for the transmission for individually addressed frames. “
       7. Agree to resolve CIDs 50, 309, 311, 312, 313, 316, 1152, 1158, 1159, 1160, 1161, 1162, 1163, 1402 and 1448 as “Revised” with a resolution of “Incorporate the text changes in https://mentor.ieee.org/802.11/dcn/13/11-13-0583-03-000m-proposed-lb193mc-tfs-comment-resolutions.doc “.
    8. Review draft comment resolutions in <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-01-000m-some-more-lb193-resolutions.doc>.
       1. CID 1603.
          1. Agree with proposed direction, identified additional locations at which to apply the change, 1657.13 and 1708.47.
          2. Agree to “Revised” with a resolution of “At the cited location replace “PHY-CCA.indication primitive of class BUSY” with “PHY-CCA.indication(BUSY)” and on the following line replace “PHY-CCA.indication primitive of class IDLE” with “PHY-CCA.indication(IDLE)” Make matching change at 1657.13 and 1708.47.
       2. CID 1589
          1. Agree to “Revised” with a resolution of “At 416.18, delete the TxRampOffTime parameter and any references to it in this subclause. At 1618.08, 1644.44, 1701.27, 1714.34, 1809.53 delete the table row that includes this attribute.
       3. CID 1465
          1. Is there any change to 11n behaviour?
          2. No, 11n use is not impacted; if and when “Strictly ordered” is removed, will have to edit text to remove references to it, and only leave in 11n.
          3. Agree to “Revised” with a resolution of “Incorporate the text changes shown for CID 1465 in <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-02-000m-some-more-lb193-resolutions.doc> . This change marks the StrictlyOrdered service class as obsolete and the StrictlyOrdered service class might be removed in a future revision of the standard.”
       4. CIDs 1428, 1427
          1. Agree to resolve both as “Rejected” with a resolution of” The comment does not indicate a specific issue to resolve or a specific change to be made.”
       5. CID 1089
          1. Agree to defer, may be withdrawn by the commenter, pending further investigation.
       6. CID 1649
          1. Agree to “Rejected” with a resolution of “The commenter does not indicate a specific problem to solve or a specific change to make. In reply to the commenter, this term is well known. NIST defines it thus: “A function from a partially ordered domain to a partially ordered range such that x ≤ y implies f(x) ≤ f(y).”
       7. CID 1471
          1. Agree to “Rejected”, with a resolution of “Making this change for non-MBSS would make existing devices non-compliant. The benefit of the additional protection is minimal because channel switches are infrequent affairs. “
       8. CID 1621
          1. Agree to “Rejected” with a resolution of “The commenter does not indicate a specific problem to be solved or a specific change to make.”
       9. CIDs 1647, 1626
          1. Agree to “Rejected” with a resolution of “The STA does not perform CCA or ED at a specific time within the slot. It is performed continuously during the slot, except for the aRxTxTurnaround time when it transmits in the following slot. So it doesn’t matter whether a frame is shorter than the slot duration or not because it will still be detected by STAs in the BSS in the slot in which it was transmitted, provided that aAirPropagationTime is set to a large enough value.”
       10. CID 1633
           1. Agree to defer, need an additional volunteer
       11. CID 1637
           1. Discussed and agreed that no normative behaviour is changed
           2. Agree to “Revised” with a resolution of “Insert a new subclause “20.3.20.5.0a CCA-Energy Detect (CCA-ED) with the following text: “For improved spectrum sharing, CCA-ED is required in some bands. The behavior class indicating CCA-ED is given in Table D-2 (Behavior limits sets). The operating classes requiring the corresponding CCA-ED behavior class are given in E.1 (Country information and operating classes). An HT STA that is operating within an operating class that requires CCA-ED shall operate with CCA-ED as defined in 18.3.10.6. “
       12. CID 1011
           1. Agree to “Revised” with a resolution of “At 2.30 add: “—Defines medium access control mechanisms to support the prioritization of management frames.”
       13. CID 1673
           1. Agree to “Rejected” with a resolution of “The 8th list item talks about support for QoS generally. The last list item describes specific support for streaming audio video without degrading data and voice performance.”
       14. CID 1121
           1. Agree to “Revised” with a resolution of “Make changes as shown in <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-02-000m-some-more-lb193-resolutions.doc> under CID 1121. These remove the definition of the term “ad hoc” and remove its use in the context of IBSS.
       15. CID 1122
           1. Agree to “Revised” with a resolution of “Make changes <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-02-000m-some-more-lb193-resolutions.doc> under CID 1122. These changes change references to an “FMS Token” that is not a field or type of subelement so that they refer to “FMS Token field”, thereby eliminating the need for an additional definition.”
       16. CIDs 1179, 1123, 1595
           1. Agree to “Revised” with a resolution of “Make changes in <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-02-000m-some-more-lb193-resolutions.doc> under CID 1179. These introduce definitions of frame, MAC frame and PHY frame, and modify the definition of MPDU so that it is clear that the term “frame” is dependent on context.”
       17. CID 1193
           1. Agree to defer.
       18. CID 1182
           1. Agree to “Rejected” with a resolution of “8.5.13.1 states: “References to one of the TDLS Action field values as a frame, e.g., “TDLS Setup Request frame,” denote a Data frame carrying a TDLS Action Field and any vendor-specific elements tunneled as described in 10.23.1(General).” “TDLS Peer PSM Request” and “TDLS Peer PSM Response” appear in the list of TDLS Action field values.This suffices to explain the meaning of “TDLS Peer PSM Request frame” and “TDLS Peer PSM Response frame”.
       19. CID 1013
           1. Agree to “Revised” with a resolution of “In cited definition change “of the mentioned type” to “of type EAPOL-Key”, and change “which” to “that”.”
       20. CID 1674
           1. Agree to “Accepted”
       21. CID 1675
           1. Agree to “Rejected” with a resolution of “This term is adequately defined in 802.1X-2010.”
       22. CID 1192
           1. Agree to “Revised” with a resolution of “Make changes in <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-02-000m-some-more-lb193-resolutions.doc> under CID 1192. These changes clarify in the specification of the FromDS/ToDS fields which settings must be used by a mesh STA and simplify the definition of Mesh Data frame, now referencing the FromDS/ToDS section.”
       23. CID 1563
           1. Agree to “Accepted”
       24. CID 1412
           1. Agree to defer
       25. CID 1014
           1. Resolution agreed last week; no further action required.
       26. CID 1228
           1. Agree to “Revised” with a resolution of “Replace first sentence of description of ADDBA .request, .confirm, .indication and .response primitives DialogToken with: “Identifies the ADDBA transaction.” Replace first sentence of description of ADDTS .request, .confirm and .indication primitives DialogToken with: “Identifies the ADDTS transaction.”
       27. CID 1018
           1. Agree to defer
       28. CID 1019
           1. Agree to “Revised” with a resolution of “Remove the ResultCode parameter from the following primitives: MLME-SCS.confirm MLME-QLOAD.confirm MLME-GROUP-MEMBERSHIP.confirm. Remove the \*TIMEOUT enumeration value for ResultCode from: MLME-QMFPOLICYCHANGE.confirm MLME-MCCASETUP.confirm. Remove the UNSPECIFIED\_FAILURE enumeration for ResultCode from: MLME-TXOPADVERTISEMENT.confirm”
       29. CIDs 1239, 1240
           1. Agree to “Revised” with a resolution of “Change text as shown in <https://mentor.ieee.org/802.11/dcn/13/11-13-0652-02-000m-some-more-lb193-resolutions.doc> under CIDs 1239 and 1240. These changes clarify the language in the cited locations.
       30. CIDs 1244, 1248
           1. Agree to “Rejected” with a resolution of “The cited text is not incorrect. There are a substantial number of occurences of "IEEE Std 802.11" in the document and the TG has determined not to remove them.”
       31. CID 1605
           1. Agree to “Rejected” with a resolution of “The commenter does not specify an issue to be resolved or a specific change to be made.”
       32. CIDs 1513, 1512
           1. Agree to defer, obtaining input from PHY experts.
       33. CID 1404
           1. Agree to “Revised” with a resolution of “At 425.55, delete subclause 7.3.4.1.”
       34. CID 1024
           1. Agree to “Revised” with a resolution of “At 429.51, delete the sentence “This vector contains … parameters.” At 430.23, delete the sentence “This vector contains both PHY and PHY operational parameters.”
    9. Continue on the next call at CID 1267.
    10. No other business. Reminder: next call is June 21st.
    11. Adjourned at 12:00 ET.

**References:**