IEEE P802.11  
Wireless LANs

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| REVmc - BRC Minutes for 2015-10-28 Telecon | | | | |
| Date: 2015-10-29 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Adrian Stephens | Intel Corporation |  | +44 1793 404825 | adrian.p.stephens@intel.com |
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Abstract

IEEE 802.11 REVmc BRC Minutes for the telecon held on 2015-10-28.

1. Chair: Meeting called to order at 2015-10-28 10:05 Eastern time
2. Participants
   1. Dorothy Stanley (HP Aruba, Chair)
   2. Jinjing Jiang (Marvell)
   3. Mark Rison (Samsung)
   4. Adrian Stephens (Intel Corporation, Secretary)
   5. Emily Qi (Intel Corporation)
3. Agenda (announced on email reflector)
   1. Call to order, attendance, and patent policy
   2. Editor report
   3. Comment resolution (see below)
   4. AOB
   5. Adjourn
4. Patent policy
   1. The IEEE-SA patent policy was reviewed and the call for potentially essentail patents issued. There was no response to the call.
5. Agenda approval
   1. The Agenda was reviewed. No changes were proposed. The agenda was adopted with unanimous consent.
6. Editor Report
   1. Doc 11-15/532r20 has been posted, and is up to date with resolutions from the October F2F.
7. 11-15-762r11 review
   1. Presented by Mark Rison
   2. As modified in review, will be posted as r12.
   3. Review picked up at…
   4. **Under listing of CIDs 6788, 6819, 6298, 6561**
      1. After review, 3 outstanding issues are highlighted in comments mgr3, mgr4 and mgr5 in the updated submission.
      2. Action MGR to provide resolutions to these issues for Oct 30th TGmc telecon.
   5. CID 6295 (MAC)
      1. Discussion on whether SMKSAs can be cached, and this needs to be acknowledged in the standard. Change in the deprecation reason in the “DESCRIPTION” to as shown in R12.
      2. Updated resolutions (with change marks removed, so resolution will need to refer to submission).
         1. Change 1926.4 to read: “PMKSA: A result of a successful IEEE Std 802.lX exchange, SAE authentication, or preshared PMK information. A PMKSA can be cached.”Add a full stop at the end of the sentence at 3287.10: “The dot11RSNPMKcachingGroup object class provides the necessary support for managing PMKSA caching functionality in the STA”.At 2903.32 change “SMK cache” to “SMKSA cache”.At 3287.21 change “SMK caching” to “SMKSA caching”.Change 2903.26, 2903.39 and 3287.18 (dot11RSNAConfigSMKLifetime, dot11RSNAConfigSMKReauthThreshold and dot11RSNSMKcachingGroup) to read “STATUS deprecated” and at the start of the DESCRIPTION for each of these add “Deprecated because mechanisms for use of cached SMKSAs are not defined.”
      3. Ready for motion.
      4. Proposed Resolution
         1. Revised. Make changes as shown in <11-15/762r12> under CID 6295.
   6. CID 6527 & 6529
      1. CID 6527: (EDITOR)
      2. Proposed Resolution

REVISED

Change “In an ESS” to “In an infrastructure BSS” at 110.35, 116.22, 1938.61, 1939.4, 1951.8, 2008.6.

Change “in an ESS” to “in an infrastructure BSS” at 649.54, 649.59, 1272.4, 1591.58, 1592.20, 1865.60, 1866.18, 1867.33, 1872.63, 1930.11, 1934.49, 1934.51, 1935.39, 1936.19, 1939.38, 1941.8, 1943.30, 3158.64.

* + 1. Ready for motion
  1. CID 6529: (EDITOR)
     1. Discussed. “Last change “an AP in an ESS”” modified to remove the entire parenthetical.
     2. Proposed Resolution

REVISED

Change 876.41 from “An AP in an infrastructure BSS or a STA in an IBSS sets” to “An AP, or a STA in an IBSS, sets”.

Delete “in an infrastructure BSS” at 1686.32.

Delete “(an AP in an ESS)” at 2897.27.

* + 1. Ready for motion
  1. CID 6323 (GEN), CID 6459 (GEN)
     1. Discussed
        1. On the wording of the proposed change: “Add at the start of 11.1.5 RSNA PeerKey Support: “The STSL mechanism is obsolete. Consequently, the PeerKey protocol (not to be confused with the AP PeerKey protocol) might be removed in a later revision of the standard.”

changed to: “Add at the start of 11.1.5 RSNA PeerKey Support: “The STSL mechanism is obsolete. Consequently, the PeerKey protocol components that do not support the AP PeerKey protocol might be removed in a later revision of the standard.””

* + 1. Proposed Resolution
       1. Revised.
       2. Make the changes the changes shown under “Proposed changes” for CID 6323 and 6459 in <this document>. These restrict the scope of STSLs to direct links in an infrastructure BSS, that have not been set up using TDLS, and obsolete such links.
    2. Ready for motion
  1. CID 6452 (MAC)
     1. Minor editorial changes to resolution.
     2. Proposed resolution
        1. Revised. Insert “NOTE—The backoff procedure in the specific case of reception of a corrupted Ack frame results in EIFS rather than DIFS or AIFS being used after the AckTimeout interval and subsequent reception of the corrupted Ack frame (see 9.3.4.3 and 9.22.2.4 respectively).” at the cited location.
     3. Ready for motion
  2. CID 6235 (MAC)
     1. Discussion: “and number of spatial streams” needs to be added to definition for HT-MCS.
     2. Action: all review the updated resolution.
     3. Agenda time ran out for this item.

1. Document 11-15/1180r5
   1. Presented by Emily Qi (Intel Corporation)
   2. CID 6494 (MAC)
      1. Wording of resolution adjusted, resulting in:
      2. Proposed resolution
         1. Revised
         2. At 1557.52, change “…implementation dependent reasons, ” To “…implementation dependent reasons (subject to 10.2.2.12),”.
      3. Ready for motion.
   3. CID 6504 (MAC)
      1. Some discussion and adjustment of wording
      2. Proposed resolution
         1. Rejected.
         2. The behaviour of the STA receiving “Overridden” might be different from the behaviour of the STA receiving “Accept”, see 1570.1.
      3. Ready for motion
   4. CID 6600 (MAC)
      1. Some discussion. Is it necessary talk about AP here too?
      2. Proposed Resolution
         1. Revised.
         2. At 1579.49 (for PBSS), add a new paragraph:
         3. “A STA that has transmitted a frame to an AP or PCP with which it is not associated and from which it expects a response shall remain in the awake state until such a response is received or until the procedure has timed out.”
      3. Ready for motion
   5. CID 6688 (MAC)
      1. Discussion as to whether the comment was sufficiently specific. Discussion as to whether a note was needed. Resolution was rewritten.
      2. Proposed Resolution:
         1. Rejected.
         2. The implementation can use the additional information in an implementation specific way without needing an additional note.
      3. Ready for motion
   6. CID 6698 (MAC)
      1. Resolution was reviewed. Submission proposes a reject. Commenter objected. Chair assigned comment to Mark Rison for resolution, submission required..
   7. CID 6699 (MAC)
      1. Chair assigned comment to Mark Rison for resolution, submission required..
   8. CID 6203 (MAC)
      1. Initially this comment proposed adding an FMS ID field. Some discussion about whether the change would make existing devices incompatible. Agree there’s an inconsistency between text at cited location and the figure at 939.40.
      2. Time ran out on this agenda item.
2. Next meeting 2015-10-30, 10:00 eastern.
   1. Proposed agenda: continuation of CIDs
   2. + Mark Hamilton.
3. Chair: Meeting adjourned at 12:00 eastern.