IEEE P802.11  
Wireless LANs

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| Minutes for RCM TIG - October 2019 - Teleconferences | | | | |
| Date: 2019-11-7 | | | | |
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Abstract

Minutes for the RCM TIG teleconferences held between the September and November 2019 802 Sessions

1. **RCM TIG – Teleconference, Tuesday 15 October 2019, 12:00-13:00 Eastern**
   1. **Call to Order** at 12:01 ET by the TIG Chair, Amelia ANDERSDOTTER (ARTICLE19)
   2. **Call for secretary:**
      1. Mark Hamilton volunteered to act as secretary for this meeting.
   3. **Meeting etiquette reminder. Attendance reminder. Participation reminder. Resource URLs:**
      1. Slides 6 – 8 of agenda deck
   4. Attendees:
      1. Amelia ANDERSDOTTER (Article19)
      2. Lili HERVIEU (CableLabs)
      3. Albert BREDEWOUD (Broadcom?)
      4. Mark HAMILTON (Ruckus/ARRIS)
   5. **Review Agenda** – 11-19/1757r0
      1. <https://mentor.ieee.org/802.11/dcn/19/11-19-1757-00-0rcm-rcm-tig-teleconference-15-oct-2019-agenda.pptx>
      2. **Agenda items for the call:**
         * 1. Call the meeting to order
           2. Elect/call for secretary for the meeting
           3. Reminders of guidelines, policies
           4. Agenda review
           5. Discussion of draft report/contributions to draft report
           6. AOB
           7. Adjourn.
      3. Noted Lili’s contribution on use cases (11-19/1767r0), will consider it under item #5.
      4. No objection to proposed agenda, as proposed.
   6. **Document 11-19/1767r0 –** Lili HERVIEU (CableLabs):
      1. <https://mentor.ieee.org/802.11/dcn/19/11-19-1767-00-0rcm-rcma-use-cases.docx>
      2. **Use-case #1:**
      3. A trouble technician needs to identify a device that has issues, for a support call. Often, this is done based on the manufacturer, derived from the OUI of the MAC address.
      4. Agreed to integrate this use case into our draft report, 11-19/1442r2, as use case 3.10.
      5. **Use case #2:**
      6. Residential Gateway is also a public hotspot. The home residents want to connect to the home network and not the hotspot network. The hotspot could black-list the users’ devices to force them onto the home network. But, with randomized MAC addresses, it doesn’t know how to do that.
      7. Agreed to integrate this use case into our draft report, 11-19/1442r2, as the next use case.
      8. Chair agreed to edit the draft off-line to incorporate the above.
   7. **Considered comments from Max Riegel with editorial suggestions on the 11-19/1442 draft report.**
      1. It would be best if these were posted, so everyone could review off-line.
      2. Chair will arrange that, and we’ll consider on next teleconference.
   8. **AOB**
      1. None
   9. **Adjourned, at 12:20.**
2. **RCM TIG – Teleconference, Tuesday 29 October 2019, 12:00-13:00 Eastern**
   1. **Call to Order** by the TIG Chair, Amelia ANDERSDOTTER (ARTICLE19)
   2. **Call for secretary:**
      1. Mark Hamilton volunteered to act as secretary for this meeting.
   3. **Meeting etiquette reminder. Attendance reminder. Participation reminder. Resource URLs:**
      1. Slides 6 – 8 of agenda deck
   4. Attendees:
      1. Amelia ANDERSDOTTER (Article19)
      2. Max RIEGEL (Nokia)
      3. Mark HAMILTON (Ruckus/ARRIS)
      4. Nadeem AKHTAR(Arista Networks)
      5. Bo Sun (ZTE)
   5. **Review Agenda** – 11-19/1786r0
      1. <https://mentor.ieee.org/802.11/dcn/19/11-19-1786-00-0rcm-rcm-tig-teleconference-29-oct-2019-agenda.pptx>
      2. **Agenda items for the call:**
         * 1. Call the meeting to order
           2. Elect/call for secretary for the meeting
           3. Reminders of guidelines, policies
           4. Agenda review
           5. Discussion of draft report/contributions to draft report
           + Any contributions
           + Table in Section 4, re: use-cases 3.10 and 3.11
           1. AOB
           2. Adjourn.
      3. Noted Max’s contribution with proposed edits to the report (11-19/1789r0), will consider it under item #5.
      4. No objection to proposed agenda, as proposed.
   6. **Document 11-19/1789r0 –** Max RIEGEL (Nokia):
      1. <https://mentor.ieee.org/802.11/dcn/19/11-19-1789-00-0rcm-proposed-edits-to-rcm-tig-draft-report-outline-19-1442r4.odt>
      2. Suggest changing “Wi-Fi” to “IEEE 802.11” throughout.
         1. C: OK, but we need to check for any uses that are actually referencing the marketing name (probably few if any), and not change those.
      3. Suggest changing definitions so “Randomized MAC address” includes the concept of it changing over time, and only have a separate definition for “Rapidly changing MAC address”.
         1. C: But a random MAC address has issues, even if it never changes, such as loss of OUI information and loss of unique identity often used by upper layers as mentioned in the liaison from WBA.
         2. C: Other cases, though, such as parental controls will work just fine, even with a random MAC address, if the address is static and can be determined by the user to configure the parental control system.
         3. We need to clarify in the use cases which aspect of the address (randomized but static, randomized and slowly changing, or rapidly changing) are the driving issue. The current wording is very confusing around these concepts.
         4. After discussion, agreed to not change the definitions, but to reword them to be clear that there are three concepts: a randomized address, a potentially (slowly) changing address, and a rapidly changing address. Then, scrub all the use cases below to use these terms correctly and clearly.
      4. Section 3.1: There are other “scanning” interactions than just Probe Requests, so we need to be careful not to limit or imply limitation of the MAC address issue. It would also apply to, for example, ANQP or perhaps some 11ax pre-association features.
      5. Changes in sections 3.2, 3.3, 3.4 and 3.5 seem okay. We’ll consider these further at the F2F in November.
      6. The change in 3.6.1 is based on the idea that “Randomized MAC address” includes the concept that it is changing (even if slowly). So, this is incorrect, per our definitions agreement above.
      7. Section 3.7 is confusing by combining the two situations. Split into two sections discussing each, separately.
      8. Section 3.9 might be getting into the area of the recent lawsuit about venues doing such “rogue containment”. We should mention that there are possible legal implications around this use case.
      9. Section 3.11 needs more discussion. We’re out of time. We’ll reconsider at the F2F.
   7. **Table in Section 4**
      1. We’ll also consider this at the F2F
   8. **Adjourned**
3. **References:**
4. <https://mentor.ieee.org/802.11/dcn/19/11-19-1757-00-0rcm-rcm-tig-teleconference-15-oct-2019-agenda.pptx>
5. <https://mentor.ieee.org/802.11/dcn/19/11-19-1767-00-0rcm-rcma-use-cases.docx>
6. <https://mentor.ieee.org/802.11/dcn/19/11-19-1442-02-0rcm-rcm-tig-draft-report-outline.odt>
7. <https://mentor.ieee.org/802.11/dcn/19/11-19-1786-00-0rcm-rcm-tig-teleconference-29-oct-2019-agenda.pptx>
8. <https://mentor.ieee.org/802.11/dcn/19/11-19-1789-00-0rcm-proposed-edits-to-rcm-tig-draft-report-outline-19-1442r4.odt>