IEEE P802.11  
Wireless LANs

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| TGaq Minutes – March 2018 Session | | | | |
| Date: 2018-03-06 | | | | |
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Abstract

Minutes for TGaq during the IEEE 802.11 March 2018 plenary meeting in Chicago, IL, U.S.A., including 2 sessions: Tuesday AM1 and Thursday AM1.

Meeting: TGaq

Place: Chicago, IL, U.S.A.

Officers:

* Chair: Stephen MCCANN (BlackBerry)
* Vice-Chair: Yunsong YANG (Huawei)
* Technical Editor: Lee ARMSTRONG (US DoT) - not present during the week.

**Tuesday March 6th, 2018**

# TGaq 8:00-10:30 (AM1) local time

1. Called to order at 8:10 local time by Stephen McCann.
2. Attendance: 7.
3. Establish secretary for the week

* Yunsong Yang (Huawei) volunteers to take the minutes for the week.

1. Approval of agenda (11-18-0288r1 on the server and shown on the screen)

* No comments or questions.
* Agenda (r1) is approved unanimously.

1. Review patent policy and guidelines
   * No items identified.
2. Editor’s report:
   * The Technical Editor is not in the meeting this week.
   * Stephen: We had a clean copy of D14.0 for the 8th Recirc SB. There are no editing issues to be reported.
3. Approval of previous meeting minutes
   * Approval of January 2018 minutes: <https://mentor.ieee.org/802.11/dcn/18/11-18-0195-00-00aq-tgaq-meeting-minutes-january-2018-session.docx>.
     + The meeting minutes is approved unanimously.
   * Approval of teleconference minutes: <https://mentor.ieee.org/802.11/dcn/18/11-18-0344-00-00aq-tgaq-february-2018-teleconference-minutes.doc>.
     + The teleconference minutes is approved unanimously.
4. Summary of Comment Resolution
   * 8th Recirc SB: 99% approval, 1 comment (MEC). The resolution is approved.
   * The SB process is complete.
5. Waiver request document
   * Document 11-17-1704-10
     + Added a new introduction slide after Abstract and merged the bullets from the original slide #4 into this new slide with additional editing.
     + Slide 5: editorial changes.
     + Slide 6: editorial changes.
     + Slide 7: editorial changes.
     + After slide 7, added a new title slide for Annex, so that all the remaining slides are in that annex.
     + The document is updated and uploaded as r11.

Motion #117: Move to approve the waiver request document: 11-17-1704r11 as part of the P802.11aq submission to RevCom and allow the 802.11aq chair editorial license.

Moved: Jouni Malinen

Second: Amelia Andersdotter

Result: 4/0/0. Motion passes.

The Chair suggests modifying the agenda by continuing on the agenda items originally planned for Wednesday session. There is no objection.

1. Preparation for EC meeting
   * EC report document 11-17-1045r7
     + Slide 3: 8th Recirc SB is on D14.0, not D13.0. Corrected.
     + Slide 8: Corrected the dates for D11.0 and D12.0.
     + The document is updated and uploaded as r8.

Motion #118: Move to approve the EC report document: 11-17-1045r8 as part of the P802.11aq submission to RevCom and allow the 802.11aq chair editorial license.

Moved: Amelia Andersdotter

Second: Jouni Malinen

Result: 4/0/0. Motion passes.

With these results, the TGaq motion deck is updated to 11-15-0417r45.

1. Teleconference(s)

Motion: move to approve a P802.11aq BRC teleconference on March 16th, 2018 at 12 noon ET for 2 hours.

Moved: Mark Hamilton

Second: Jouni Malinen

Result: 4/0/0. Motion passes.

* + Additional teleconference: 6 April 2018, 12:00 noon ET for 2 hours.

1. Preparation for May 2018 Interim meeting
   * Room/Slot Allocation – 2 slots, room for 25.
2. Timeline update
   * No change.

Cancel Wednesday AM1 session as TGaq has competed all other businesses except meeting with the EC and RAC members on Thursday AM1 session.

1. Recessed at 9:56 local time.

**Thursday March 8th, 2018**

# TGaq 8:00-10:00 (AM1) local time

1. Called to order at 8:04 local time by Stephen McCann.
2. Attendance: 15.
3. Review patent policy and guidelines
   * No items identified.
4. Approval of agenda (11-18-0288r2 is on the server and shown on the screen)
   * No change to the agenda.
   * The agenda (r2) is approved unanimously.
5. Discussion on 802.11aq
   * P802.11aq does not provide a mechanism for a local administrator to configure the MAC address on the STA.
   * There is not a mechanism defined in IEEE 802.11 to configure STAs.
   * IEEE 802 has provided MAC address assignment requirements for 37 years.
   * Is there a way to use LLDP to query the STA/host? Not until the device is associated.
   * The IEEE RAC assigns CIDs in the local space.
   * There is no specification in 11aq for the generation of random MAC addresses or how to address duplications.
   * The MIB variable defined in 11aq calls to use the SLAP (IEEE 802c-2017) as default.
   * There is a crisis on global MAC address assignment.
   * There is a problem if a STA sends a frame using a MAC address that is same as a MAC address of a currently associated STA.
   * We should move forward with IEEE 802.11aq and address issues with IEEE 802 standards in future.
   * There is no mechanism for detecting for collisions on the air. Perhaps there should be a mechanism, but that is out of scope of IEEE 802.11.
   * Discussion on number of bits of randomization: 44 bits or 46 bits.
   * There are mobile devices today that already uses random MAC addresses.
   * IEEE 802.11aq should explicitly state that the STA selects a random MAC from the SLAP AAI quadrant (IEEE 802c-2017).
6. AOB: none.
7. Meeting adjourned at 10:00 am local time with no objections.