IEEE P802.11  
Wireless LANs

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| IEEE 802.11  TGax January 2020 Irvine Meeting Minutes | | | | |
| Date: 2020-01-13 | | | | |
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Abstract

This document contains the TGax meeting minutes from the IEEE 802.11 January 2020 Irvine session.

**IEEE 802.11 Task Group AX January 2020 Meeting**

**Hotel Irvine, Irvine, CA**

**January 13th – 17th, 2020**

**Chair Osama Aboul-Magd (Huawei Technologies)**

**The 1st Vice-Chair Ron Porat (Broadcom Ltd.)**

**The 2nd Vice-Chair Alfred Asterjadhi (Qualcomm)**

**Secretary Yasuhiko Inoue (NTT Corporation)**

**Technical Editor Robert Stacey (Intel Corporation)**

**Monday, January 13th, 2020, AM2 TGax session (10:30 - 12:30)**

1. **The meeting called to order at 10:30 by Osama Aboul-Magd (Huawei Technologies), the chairperson of 802.11 TGax.**
   1. Introduction of TGax leadership.
   2. Agenda document 19/2118r1 on the server. R2 is the working document.
2. **Agenda Setting**
   1. Proposed agenda for Monday AM2
      1. Call meeting to order
      2. IEEE-SA IPR policy and Procedure
      3. Submissions
      4. TG motions
         1. Approve TG meeting and teleconference minutes since November 2019
      5. Summary from WG LB#247
      6. IEEE-SA Ballot reminder
      7. The Need for Ad Hoc Meeting in March
      8. Adjourn
   2. Discussion
      1. A member mentioned he would see clear notice that the CRC is started.
         1. There was a email from WG chair that the TGax saying “The TGax Comment Resolution Committee\* (CRC) is a committee of the whole of 802.11 voters, chaired by Osama Aboul-Magd” on December 12th, 2019.
   3. Chair asked if there is any objection to proceed with this agenda. 🡪 No objection.
      1. The agenda for Monday AM2 is approved.
3. **Announcements**
   1. Chair asked people to announce name and the affiliation when addressing the group for the first time during a meeting slot.
   2. Attendance: <https://imat.ieee.org/attendance>
4. **IEEE-SA IPR Policy & Procedure**
   1. Chair read the following 5 slides:
      1. Participants have a duty to inform the IEEE – done.
      2. Ways to inform IEEE – done
         * Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
         * Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
         * Speak up now and respond to this Call for Potentially Essential Patents
         * If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair
         1. Chair asked if anyone in this meeting is aware of any potentially essential patents. 🡪 There was no response.
      3. Other guidelines for IEEE WG meetings – done

* All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
  + 1. Patent-related information – done
* If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator (patcom@ieee.org)
  + 1. Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct -- done
    2. Participants in the IEEE-SA “individual process” shall act independently of others, including employers -- done
    3. IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints -- done

1. **Agenda for the week**
   1. Approve meeting and teleconference minutes since November 2019.
   2. Set the TG teleconference schedule
   3. Discuss the need for an ad hoc meeting in March.
2. **TGax meeting schedule**
   1. Monday AM2 is the only TGax session during the week since IEEE-SA ballot has not been completed.

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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
| **AM1** |  |  |  |  |
| **AM2** | TGax | ~~TGax~~ |  | ~~TGax~~ |
| **PM1** |  |  |  |  |
| **PM2** |  |  |  |  |
| **PM3 (EVE)** |  |  |  |  |

1. **Submissions**
   1. No submission
2. **TG motion – approval of TGax meeting and teleconference minutes since November 2019**
   1. **Motion: Approve TGax minutes of meetings and teleconferences from November 2019 Interim meeting to today:** 
      * <https://mentor.ieee.org/802.11/dcn/19/11-19-2012-01-00ax-tgax-november-2019-waikoloa-meeting-minutes.docx>
      * <https://mentor.ieee.org/802.11/dcn/19/11-19-2152-00-00ax-minutes-of-tgax-teleconference-on-december-13th.docx>
      1. **Moved by Bo Sun, Seconded by Stephan Baron**
      2. **Discussion – no discussion.**
      3. **Result: The motion was approved by unanimous consent.**
3. **Summary from WGLB#247 Result**
   1. Chair presented summary of teleconferences after the November 2019 session.
      * **WG LB 247 on draft 6.0 achieved 97% approval ratio.**
      * **3 comments were received and were resolved during the TGax teleconference on December 13, 2019.**
      * <https://mentor.ieee.org/802.11/dcn/19/11-19-2148-01-00ax-comments-on-d6-0.xlsx>
      * **No changes to draft 6.0 as result of comment resolution.**
4. **IEEE-SA Ballot Reminder**
   1. **The IEEE-SA Ballot closes on January 24**
      1. Please vote by the deadline if you are in the SA Ballot pool
      2. Please let me know if you are not in the pool and have comments. I can upload your comments on your behalf.
5. **CRC Rules**
   1. WG (and subgroup) teleconferences are not permitted to make formal motions, with the exception of when a TG is operating under the accelerated process and when it is a sponsor ballot comment resolution committee (CRC).
   2. A TG operating under the accelerated process follows the rules in section 3.9.4 of this document which permit voting on formal motions on teleconferences.
   3. Sponsor ballot CRC teleconferences, albeit announced in the WG and consisting of WG participants, operate under the authority of the sponsor, and are therefore permitted to vote on formal motions
   4. **CRC Respinsibilities**
      1. An 802.11 Sponsor Ballot CRC shall make available on the 802.11 member’s area any drafts it sends to sponsor ballot.
      2. An 802.11 Sponsor Ballot CRC shall make available on the 802.11 document server all sponsor ballot comments received and any comment resolutions that it approves.
      3. All submissions presented to and all minutes of an 802.11 Sponsor Ballot CRC shall be posted to the 802.11 document server.
   5. Motion Modifying Drafts
      1. Motions modifying drafts may be made at appropriate times during meetings.
      2. Complex technical changes to a draft shall be in a submission that has been accepted by document control according to document formats specified in section 3.7 of this document and has been made available electronically for a period of not less than four active 802.11 WG session hours. The TG chair determines if a technical change is sufficiently complex to require a submission.
      3. When a CRC is following the “Accelerated process” for completion of a WG letter ballot, and is not meeting during an 802.11 WG session, any submission containing changes to the draft shall be on the server and announced to the appropriate TG reflector no less than 72 hours before any motion is made related to that submission.
      4. NOTE – when a CRC is meeting coincident with an 802.11 session, it is subject to the four hour rule described in the previous paragraph.
6. **Ad Hoc Meeting before the March 2020 session**
   1. Chair asked for the need for the ad hoc meeting.
   2. Discussion
      1. A member mentioned he would like to see the results of the 1st IEEE-SA Ballot.
         1. The ad hoc meeting has to be approved by WG and we need to decide it during this week.
      2. Another member mentioned that it would be easier to cancel the ad hoc meeting if we do not see the need for it.
   3. Conclusion
      1. The group prefers to utilize teleconferences for the comment resolutions.
      2. There will NOT be a TGax CRC ad hoc meeting before the March 2020.
7. **Teleconferences**
   1. Chair proposed following schedule:
      1. January 30 10:00 -12:00 ET (Comment Assignment)
      2. February 13, 27 10:00 – 12:00 ET
      3. February 6, 20, March 5 20:00 – 22:00 ET
   2. Discussion
      1. Many people will be traveling on March 5th 🡪 The schedule may be adjusted.
8. **AoB**
   1. No other business during this week.
   2. The chair will request 10 slots for the March 2020 session.
9. **Adjournment**
   1. TGax has adjourned for the week @ 11:57 AM.