IEEE P802.11  
Wireless LANs

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| TGaz September 2021 Interim Minutes | | | | |
| Date: 2021-09-13 | | | | |
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Abstract

This document contains minutes for the TGaz September 2021 Interim (electronic) meeting.

1. **TGaz – September 13th , 2021** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary (active), Assaf Kasher (Qualcomm), at **8:15am PDT,**
   2. Agenda Doc. [**IEEE 802.11-21/1927r1**](https://mentor.ieee.org/802.11/dcn/21/11-21-1297-01-00az-TGaz%20Sep%20meeting%20and%20following%20telecons%20agenda.pptx)  **(in progress - slide 26**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~8 present
   4. Agenda
      1. Review agenda for the week
      2. Review submission list
      3. Consider approval of previous meeting minutes.
      4. Review submissions – as time permits
      5. Consider
      6. AOB
      7. **Agenda approved**
   5. Review agenda for the week
      1. Agenda approved by unanimous consent – slide 25 of 1297
   6. Approval of previous meeting minutes
      1. **Motion 202109-01**  
         Move to approve document 11-21-1119r0 ‘July-2021-Plenary-minutes’ as the TGaz meetings minutes for the July IEEE Electronic meeting week.  
         Moved By Assaf Kasher  
         Seconded By Roy Want  
         Results: (Y/N/A): approved by unanimous consent
   7. Roy Want presented results in document 0880r11
   8. Roy Want presented 11-21-1495
      1. Title Resolution for editorial comments in LB255
      2. Revised the resolution 6069 to revised – commenter withdrew comment - TGaz Editor will consider the comment during the SA Ballot stage
      3. Review resolution to 6032 – no discussion.
      4. CID 6030 – resolution changed to Revise: Commenter withdrew comment – This comment has been passed to the TG technical editor for consideration during preparation of a subsequent draft.
      5. **Motion (202109-02)**  
         Move to adopt the resolutions depicted by document 11-21-1495r1 for editorial CIDs (41 CIDs total), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.  
         Moved by : Roy Want  
         Second by: Assaf Kasher  
         Results: Approved by unanimous consent
   9. Qi Want presented 11-21-1481
      1. Title: Proposed resolution to 11az lb255 CIDs on LTF repetition
      2. CID 6033: revised – passed to TGaz editor as an editorial comment
      3. CID 6034: reject
      4. 6035: reject
      5. 6036: reject
      6. 6037: reject
      7. 6038: reject
      8. **Motion (202109-03):**   
         Move to adopt the resolutions depicted by document 11-21-1489r1 for CIDs 6033, 6034, 6035, 6036, 6037, 6038, 6039, 6040, (8 CIDs total), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.  
         Moved by: Qi Wang  
         Second by: Ali Raissinia  
         Results: approved by unanimous consent.
   10. Jonathan Segev presented 11-212-1496
       1. Title: lb255-PIC-CR
       2. CID 6045: Reject
       3. **Motion (202109-04)**  
          Move to adopt the resolutions depicted by document 11-21-1496r0 for CIDs 6045 (1 CIDs total), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.  
          Moved Jonathan Segev  
          Seconded by Ali Raissinia   
          Results : Approved by unanimous consent?
   11. Discussion of CIDs 6053-6056
       1. Will be treated as editorial – will be considered by
       2. 6052 will be withdrawn
   12. Recess at 12:18PDT
2. **TGaz – September 14th , 2021** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary (active), Assaf Kasher (Qualcomm), at **8:15am PDT,**
   2. Agenda Doc. [**IEEE 802.11-21/1927r3**](https://mentor.ieee.org/802.11/dcn/21/11-21-1297-03-00az-TGaz%20Sep%20meeting%20and%20following%20telecons%20agenda.pptx)  **(in progress - slide 30**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~8 present
   4. Agenda
      1. Review submissions
      2. Submission:
         * 11-21-1495
         * 11-21-1487
         * 11-21-1507
         * 11-21-1501
   5. Roy Want presented 11-21-1495r2
      1. Resolution to editorial/not part of no vote changed to reject (passed to the TGaz Technical Editor)
      2. CIDs 6031 – characterized as editorial rather than technical (formatting issue) – then rejected
      3. CID 6055 – error in reference – editorial – reject
      4. CID 6056 – misrepresentation of variable name – editorial – reject
      5. **Motion (202109-05):**   
         Move to adopt the resolutions depicted by document 11-21-1495r3 for CIDs 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6010, 6011, 6012, 6013, 6014, 6015, 6016, 6017, 6018, 6019, 6020, 6021, 6022, 6023, 6024, 6025, 6026, 6027, 6029, 6030, 6031, 6032, 6041, 6042, 6043,6046 ,6047 6048, 6049, 6050, 6051, 6053, 6054, 6055, 6056, 6069 (45 CIDs total), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license  
         Move by: Roy Want  
         Second by: Assaf Kasher  
         Results: Approved by unanimous consent
   6. Nehru Bhandaru presented 11-21-1487
      1. Title: lb-255-crs-nb-a
      2. CID 6028: Reject
      3. **Motion (20210908):** Move to adopt the resolutions depicted by document 11-21-1487r0 for CID 6028 (1 CID total), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.  
         Moved by: Nehru Bhandaru  
         Second by: Peter Yee  
         Results: Approved by unanimous consent.
   7. Ali Raissinia presented 11-21-1507:
      1. Title: Resolution for 18 CIDs related to TGaz LB255
      2. **Motion (20210907)**Move to adopt the resolutions depicted by document 11-21-1507r0 for CIDs 6058, 6059, 6060, 6061, 6062, 6063, 6064, 6065, 6066, 6067, 6068, 6070, 6071, 6072, 6073, 6074, 6075, and 6076 (18 CIDs total), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.  
         Moved by: Ali Raissinia  
         Second by: Nehru Bhandaru  
         Results: Approved by unanimous consent.
   8. Jonathan Segev presented 1501r1
      1. Title: P802.11az Report to EC on Unconditional Approval to go to SA Ballot
      2. Projected timeline updated after input from WG Chair – Dorothy Stanley
   9. Tianyu Wu presented 11-21-1517
      1. Title resolution for CID 6052:
      2. CID 6052: Reject: withdrawn by commenter.
      3. **Motion (202109-09)**Move to adopt the resolution depicted by document 11-21-1517r0 for CID 6052 (1 CID total), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.   
         Moved by: Tianyu Wu  
         Second by: Assaf Kasher  
         Results: Approved by unanimous consent.
   10. AOB: 6044 is not covered – Jonathan Segev will check.
   11. Recess at 12:01 PDT
3. **TGaz – September 15th , 2021** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation)~~,~~ at **10:30am PDT,**
   2. Agenda Doc. [**IEEE 802.11-21/1297r4**](https://mentor.ieee.org/802.11/dcn/21/11-21-0880-11-00az-tgaz-july-meeting-and-july-to-sep-telecon-agenda.pptx)
   3. Review Patent Policy and logistics
      1. Chair reminded the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reminded group of other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reminded group of IEEE copyright policy, – no clarification requested/no one mentioned they saw the slides for first time
      6. Chair reminded group of IEEE code of ethics and WG participation as an individual professional. – no clarification requested/no one mentioned they saw the slides for first time
      7. Chair reminded IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~23 present
   4. Agenda
      1. Review CR submissions
      2. Approve CR for LB 255
      3. Reaffirm the P802.11az CSD
      4. AOB
      5. Agenda Approved
   5. Roy Want chaired the meeting when Jonathan Segev presented 11-21-1521r1
      1. This document attempts to resolve three CIDs from LB#255: CID 6044 6057 600
      2. 6044-
         * Comment from Roy Want: clarified that 6044 is not part of a “No” vote.
         * Comment from Dorothy Stanley (WG Chair): change the rejection reason to the comment meeting the conditions for being out of scope.
      3. 6057-
         * Comment from Christian: In P21 there is a typo that defines Ranging NDP as an “announcement”. Suggest to clean the definition as editorial. New resolution is to reject this CID by mentioning editor may consider omitting “announcement” in a later draft.
      4. 6000- no comments received for the resolution.
      5. The group ran motion on 1521r2 for the above CIDs (motion#)   
         Motion (202109-10)  
         Move to adopt the resolution depicted by document 11-21-1521r2 for CIDs 6044, 6057, 6000 (3 CIDs total), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license  
         Moved by: Jonathan Segev  
          Seconded by: Ali Raissinia

Results: passes by unanimous consent

Jonathan Segev resumed being Chair

* 1. group went for recess till 11:15 AM PST mins while editor is updating CR database.
  2. Chair called meeting back to order at 11:15 AM PST.
  3. Roy confirmed that 11-21-1471r2 is now available on mentor.
* Group ran motion (Motion 202109-11) to approve 10 day Working Group recirc Ballot   
  **Motion (202109-11)**Having approved comment resolutions for all of the comments received from LB255 on P802.11az D4.0 as contained in document 11-21-1471r2,  
  • Approve a 10 day Working Group Recirculation Ballot asking the question “Should P802.11az D4.0 be forwarded to SA Ballot?”

Moved by: Roy Want

Seconded by: Ali Raissinia

Results (Y/N/A): 15/0/0

Motion passes.

Chair asked WG chair to add this motion for consideration to WG.

* 1. Reaffirm the P802.11az CSD:
     1. Chair reviewed Ec-19-0061-00-ACSD-p80211-11az.docx
     2. Chair asked for discussion:
        + : WG chair reminded that the convention is to reaffirm the CSD document at key points in timeline of a draft.
     3. Chair ran motion 202109-12 to reaffirm the CSD
     4. **Motion (202109-12)**Re-affirm the CSD in [https://mentor.ieee.org/802-ec/dcn/19/ec-19-0064-00-  
        CSD-p802-11az.docx](https://mentor.ieee.org/802-ec/dcn/19/ec-19-0064-00-CSD-p802-11az.docx)   
        Moved by: Roy Want  
        Seconded by: Sai Nandagopalan  
        Chair called for discussion of motion – no one stepped up  
        Results (Y/N/A): 16/0/1 Motion passes
  2. AOB:
     1. Ali asked if there are any more meetings. Jonathan responded there are two meetings as of now.
     2. John Rosdahl asked if the group can cancel the Thursday call and reconvene on Monday.
        + Chair asked if there are any objections or comments on cancelling the call on Thursday. No one stepped up.
        + Chair will send an email to cancel the call on Thursday,
     3. WG Chair commented that WFA has sent a document with comments on security considerations for 11az and that she will later send an email on this.
  3. Adjourned at 11:40 PDT

1. **TGaz – September 20th , 2021** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) ~~and Vice Chair and secretary (active), Assaf Kasher (Qualcomm),~~ at **10:34am PDT,**
   2. Agenda Doc. [**IEEE 802.11-21/1297r5**](https://mentor.ieee.org/802.11/dcn/21/11-21-1297-5-00az-tgaz-july-meeting-and-july-to-sep-telecon-agenda.pptx)
   3. Review Patent Policy and logistics
      1. Chair reminded the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reminded group of other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reminded group of IEEE copyright policy, – no clarification requested/no one mentioned they saw the slides for first time
      6. Chair reminded group of IEEE code of ethics and WG participation as an individual professional. – no clarification requested/no one mentioned they saw the slides for first time
      7. Chair reminded IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~12 present at 10:37 AM
   4. Agenda
      1. Review and consider P802.11az report to EC
         * Approve EC report and SA Ballot request
      2. Review 11-21-1524-liasion from WFA
      3. Review of timelines
      4. Telecons
      5. AOB
      6. Agenda Approved
   5. Review and consider P802.11az report to EC (11-21-1501r2)
      1. Chair ran motion to approve document 11-21-1501r3

Motion (202109-13)  
Believing that P802.11az D4.0 meets the conditions for IEEE 802 SA ballot,

• Approve document 11-21-1501r3 as the report to the IEEE 802 Executive Committee on the requirements for approval to forward P802.11az D4.0 to SA Ballot,

• Request the IEEE 802.11 WG to forward P802.11az D4.0 to the 802 EC.

Moved by: Roy Want

Seconded by: Qi Wang

Chair called for discussion of the motion: no one stepped up.

Results (15/0/0)Motion passes

* 1. Review 11-21-1524-liasion from WFA
     1. Nehru will lead the work on this topic. Chair asked group to work with Nehru if interested.
     2. Dorothy: no need to respond beyond acknowledging the document for now. The group will process the received comments.
  2. Review of timelines
     1. No comments received
  3. Telecons
     1. No comments received
  4. Adjourned at 11:47 PDT