IEEE P802.11  
Wireless LANs

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| TGaz Meeting Minutes  August 19th, 2020  Telecon | | | | |
| Date: 2020-08-19 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | Email |
| Roy Want | Google Inc | 1541 Morton Ave, Los Altos, CA 94024 | +1-650-691-3600 | roywant@google.com |

Abstract

Minutes for the TGaz meeting telecon, beginning on Wednesday 19th August, 2020.

**IEEE 802.11 Task Group AZ**

**August 19th, 2020**

1. **TGaz Ad Hoc – Wed, August 19th, 2020** 
   1. Called to order by the Chair, Jonathan Segev (Intel) at **10.00 am PST**; Technical Co-Editors: Chao Chun (MediaTek), Roy Want (Google Inc.); Acting Secretary: Roy Want (Google Inc).
   2. Agenda Doc. **IEEE 802.11-19/1002r10** (in progress; uploaded as r11)
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped up.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements, IEEE SA copyrights policy – no clarification requested.
      4. Recorded Participation requirement
         1. Headcount: 17 recorded by IMAT (see **Attendance** section)
   4. Review Agenda
      1. Agenda review and setting: reviewed submissions for the ad hoc meeting.
      2. Chair called for any additional feedback and changes to agenda.
         1. Agenda agreed – no objections.
   5. Nehru Bhandaru (Broadcom) presented document **11-20/1186r0**
      1. **Title**: Clarification on Protected Fine Timing frame use
      2. **Summary:** This submission proposes a small clarification about using protected fine time frames with various FTM modes.
      3. **Discussion**:
      4. C. This is saying an ISTA FTM negotiation should not be encrypted? R. Yes.
      5. C. Is this the document reviewed last week?
      6. R. It’s a separate document based on the changes discussed last meeting (new document was requested by editor)
      7. **Strawpoll**

We agree to the spec changes as depicted in document 11-20-1186r0.

* + 1. **Results** (Y/N/A): 14/0/3
  1. Jonathan Segev (Intel) presented document **11-20/ 1189r2**
     1. **Title**: LB249 CR for Various Comments
     2. **Summary**: This submission contains proposals to resolve LB#249 CIDs 3094, 3095, 3212, 3618, 3630, 3708, 3709, 3716, 3758, 3762, 3764, 3825, 3829, 3844, 3854, 3855, 3860, 3862, 3863, 3867, 3878, 3941 (22 CIDs total).
     3. C. #3094: EDMG DMG – some are in common for this case – so ‘reject’ OK
     4. C. #3618: We should not highlight just one of the three properties.
     5. R. This section is only the MAC security section. Comment only has an issue on passive voice.
        1. C. The general text could be improved further. But this section is fine.
     6. C. #3628: Suggest change text to make it refer equally to I2R and R2I NDP
     7. C. #3758: Rejected – no discussion
     8. C. #3762: Revised – no discussion
     9. C. #3829: Revised – no discussion
     10. C. #3829 – need to check on this and bring it back later.
     11. C. #3764: Revised – confused by reference to UL DL, why downlink?
     12. R. Tx and Rx is better
         1. C. Agreed – only used this as the DL was already there in the text.
     13. C. And fix in Resolution text. R. Ack.
     14. C. TX Vector (replace ‘RX Vector’ by ‘LTF Vector’)
     15. C. #3825: - Revised.
         1. C. Confirmed used of ‘Note—', and replace ‘may’ by ‘can’ R. Ack
     16. **Time check**: decided to pause presentation and strawpoll CIDs presented so far.
     17. **Discussion**: None
     18. **Strawpoll**:   
         We agree to the resolutions of CID 3094,3095, 3212, 3941, 3618, 3762, 3764, and 3825 as depicted in document 11-20-1189r3
     19. **Results** (Y/N/A): 13/0/2
  2. Roy Want (Google) presented document **11-20/1248r1**
     1. **Title**: CID Resolution Status as of TGaz (based on motions as of Aug 18th)
     2. **Summary**: Presented a summary of Technical CID motions, assignments and resolutions to date represented by **11-20/17r6** (recent update).
     3. Statistics summary technical CIDs:
        1. total: 460
        2. assigned: 408
        3. not-assigned: 52
        4. assigned but not complete: 205
     4. Presented a leaderboard to help members individually understand which CIDs need to be resolved in time for a mid-November recirculation ballot.
     5. Recent tech CID requests:34; leaving **18 to assign** (quite manageable).
  3. Reviewed submission pipeline:
     1. 11-20-1189   LB249 CR for various comments (J. Segev) – for completion.
     2. 11-20-1143    LB249-2-editorial-CIDS (Assaf Kasher)
     3. 11-20-1196    LB 249 CID Resolution for CIDs 3281 and 3387 (Jonathan Segev)
     4. 11-20-1208    Delayed Reporting and Valid Measurements (Christian Berger)
     5. 11-20-1209    Reorganization of Secure LTF Measurement Exchange (C. Berger)
     6. 11-20-1219 Comment resolution LB249 various (Christian Berger)
  4. Telecon Planning
     1. Aug. 26 (Wed.), 13:00 ET – 14:30 ET
     2. **Aug. 27 (Thu.), 10:00 ET – 12:00 ET extended (joint TGaz plenary/tech)**
     3. Sep. 2 (Wed.), 13:00 ET – 14:30 ET – newly announced
     4. Sep. 3 (Thu.), 12:00 ET – 13:30 ET – newly announced
     5. Sep. 9 (Wed.), 13:00 ET – 14:30 ET – newly announced
     6. Sep. 10 (Thu.), 12:00 ET – 13:30 ET – newly announced
     7. Sep. 16 (Wed.), 13:00 ET – 14:30 ET – newly announced
     8. Sep. 17 (Thu.), 12:00 ET – 13:30 ET – newly announced
     9. Sep. 23 (Wed., 13:00 ET – 14:30 ET – newly announced
     10. **Sep. 24 (Thu.), 10:00 ET – 12:00 ET extended (joint TGaz plenary/tech)**
  5. **Any other Business (AOB)**: None
  6. **Adjourned 11.30am**.

**References**

* <https://mentor.ieee.org/802.11/dcn/20/11-20-1002-11-00az-tgaz-july-to-sep-meetings-agenda.pptx>
* <https://mentor.ieee.org/802.11/dcn/20/11-20-1186-00-00az-pftm-use-clarification.docx>
* <https://mentor.ieee.org/802.11/dcn/20/11-20-1189-02-00az-lb249-cr-for-various-comments.docx>
* <https://mentor.ieee.org/802.11/dcn/20/11-20-1248-01-00az-2020-aug-18th-cid-resolution-status-of-tgaz-lb249.xlsx>
* <https://mentor.ieee.org/802.11/dcn/20/11-20-0017-06-00az-lb249-comment.xlsx>

**Attendance**

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| **Group** | **Date** | **Name** | **Affiliation** |
| TGaz | 8/19 | An, Song-Haur | INDEPENDENT |
| TGaz | 8/19 | Berger, Christian | NXP Semiconductors |
| TGaz | 8/19 | Bhandaru, Nehru | Broadcom Corporation |
| TGaz | 8/19 | Grandhe, Niranjan | NXP Semiconductors |
| TGaz | 8/19 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 8/19 | Li, Qinghua | Intel Corporation |
| TGaz | 8/19 | Lindskog, Erik | SAMSUNG |
| TGaz | 8/19 | Raissinia, Alireza | Qualcomm Incorporated |
| TGaz | 8/19 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| TGaz | 8/19 | Segev, Jonathan | Intel Corporation |
| TGaz | 8/19 | Venkatesan, Ganesh | Intel Corporation |
| TGaz | 8/19 | Wang, Qi | Apple, Inc. |
| TGaz | 8/19 | Wang, Yi-Hsiu | Zeku |
| TGaz | 8/19 | Want, Roy | Google |
| TGaz | 8/19 | Wu, Tianyu | Apple, Inc. |
| TGaz | 8/19 | Yee, Peter | NSA-CSD |
| TGaz | 8/19 | Zeng, Ruochen | NXP Semiconductors |