IEEE P802.11  
Wireless LANs

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| Minutes REVmd - May and June Telecons | | | | |
| Date: 2017-06-26 | | | | |
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Abstract

This file contains the minutes for the 3 telecons scheduled between the May Wireless Interim and the July Plenary (May 30, June 23 and June 30)

R0: Minutes from the May 30th Telecon –

R1: Minutes from the June 23rd Telecon –

1. 802.11 REVmd Telecon – May 30, 2017 11:00-12:00 ET
   1. Called to order by the chair, Dorothy Stanley (HPE) at 11:03am ET.
   2. Present
      1. Dorothy STANLEY (chair) - HPE
      2. Francesco GRINGOLI – (UniBS) University of Brescia Italy
      3. Pablo SERRANO – (UC3M) Universidad Carlos III de Madrid
      4. Graham SMITH – ST Technologies
      5. Menzo WENTINK - Qualcomm
      6. Osama ABOUL-MAGD - Huawei
      7. Adrian STEPHENS – Intel Corporation
      8. Emily QI – Intel Corporation
      9. Sue LIEICHT – NSA
      10. Mark RISON – Samsung
      11. Jon ROSDAHL - Qualcomm
      12. Mike MONTEMURRO – Blackberry (TBC)
      13. Juan Carlos ZUNIGA (Sigfox)
   3. Review Patent Policy
      1. Patent policy slideset was reviewed
      2. Call for patents issued. Nobody came forward
   4. Approve Agenda:
      1. The draft agenda announced for the May 30th teleconference is:

1.       Call to order, attendance, and patent policy  
2.       Editor report  
3.       Presentation and discussion:

a. IETF 802.11 Multicast testbed and results:

<https://www.ietf.org/proceedings/98/slides/slides-98-intarea-80211-multicast-testbed-and-results-00.pdf> , Pablo SERRANO YAÑEZ-MINGOT  
b.      Additional presentations if available

4.       AOB  
5.       Adjourn

* + 1. Agenda as posted was reviewed.
    2. No comments.
    3. Approved by unanimous consent.
  1. Presentation: IETF 802.11 Multicast testbed and results, Pablo SERRANO (YAÑEZ-MINGOT)
     1. Document presented: <https://www.ietf.org/proceedings/98/slides/slides-98-intarea-80211-multicast-testbed-and-results-00.pdf>
     2. Presenter: Pablo SERRANO
     3. Discussion:
        1. Q: In DMS case, can you block-ack the individual transmission acks? (slide 2)
           1. A: Don’t think so.
        2. Q: In DMS case, can you reduce overhead of channel access by transmitting to multiple receiver addresses in a single TXOP?
           1. A: that might be possible. Hadn’t thought of it.
        3. Q: Is the purpose of the presentation for information, or are you proposing changes?
           1. A: it is unclear whether we can use MPDU aggregation or not?
           2. A: we have more information, on EDCA differentiation, and we are seeing things that do and do not work. EDCA doesn’t appear to help video quality. Given the test-bed we can experiment and see if changes to the standard improve performance.
        4. Q: We considered DMS sweet spot at 3-4 [clients]. Block ack at 5+ clients. Unsolicited retry at larger numbers of clients. Are you aware of these numbers? Perhaps the Block Ack mechanism is better than you indicate based on the numbers of clients. There is a choice of which mechanism to use based on numbers of clients.
           1. A: This was part of the motivation of the work, as we couldn’t find this data before we started.
        5. Q: One recommendation from this might be in TGmd – multiple frame transmission in on TXOP.
           1. Chair: changes to TGmd are in scope. If this work implies changes/clarifications in the standard, that is in scope.
        6. Q: In BA case, are you asking all receivers to reply?
           1. A: Yes.
           2. Q: then that is not what we were thinking of during 802.11aa. The AP does some kind of round-robin polling of different STAs during each video frame. Presentation by A Ashley in TGaa speaks to this.
     4. Chair thanks the authors for bringing this presentation from IETF to TGmd and offers the opportunity to continue the dialogue.
     5. Graham SMITH noted a tutorial on the use of Group Block Ack: 22-08/766r0: <https://mentor.ieee.org/802.11/dcn/08/11-08-0766-00-00aa-group-block-acknowledgements-for-multicast-traffic.ppt>
  2. Other presentations.
     1. Menzo WENTINK (Qualcomm) asks to present doc [11-17/871r0](https://mentor.ieee.org/802.11/dcn/17/11-17-0871-00-000m-extended-nss-editorial-errata.docx) “Extended NSS Editorial Errata”. No objection to this presentation.
  3. Presentation: Extended NSS Editorial Errata – Menzo WENTNIK (Qualcomm)
     1. <https://mentor.ieee.org/802.11/dcn/17/11-17-0871-00-000m-extended-nss-editorial-errata.docx>
     2. Presentation of document by Menzo
     3. No questions
     4. The Chair will prepare a motion for approving the changes in the July Session.
     5. Editor Question: Is this presentation also included in the comments collection and the comments being submitted.
        1. Yes, a comment has been submitted and it references this document.
  4. Next calls noted:
     1. **June 23 and 30 we’ll use the** [**join.me**](http://join.me) **bridge:** <https://join.me/ieee802.11> , see <http://grouper.ieee.org/groups/802/11/joinme.html> for more detailed instructions.
  5. Adjourned 11:55am ET

1. 802.11 REVmd Telecon – June 23, 2017 11:00-12:00 ET
   1. Called to order by the chair, Dorothy Stanley (HPE) at 11:05am ET.
2. Call to order, attendance, and patent policy, participation slide (Chair)
   1. Attendance
      1. Dorothy Stanley (HPE),
      2. Graham Smith (SR Technologies),
      3. Mark Hamilton (Brocade),
      4. Edward Au (Huawei),
      5. Joe Levy (Interdigital),
      6. Chris Hansen (Peraso),
      7. Mark Rison (Samsung),
      8. Osama AboulMagd (Huawei),
      9. Emily Qi (Intel),
      10. Michael Montemurro (BlackBerry),
      11. Peter Ecclesine (Cisco)
   2. Review Patent Policy
   3. Call for Potential Essential Patents - None announced.
   4. Review Participation Guidelines
   5. Agenda Approval – Agenda is adopted by unanimous consent
3. Editor’s report – Document 11-17/920r0 – Emily Qi (Intel)
   1. Thanks for Adrian Stephens and Edward Au for help in generating the draft and creating the comment database.
   2. Given that this is comment collection, the voting is not considered in these results.
   3. Action: Dorothy Stanley to provide a list of candidates to address PHY comments
   4. Action: Adhoc Chairs and Editors to assign all comments from comment collection by the July 30 meeting.
4. Presentations and comment resolution
   1. Document 11-17/891 – Graham Smith (SR Technologies)
      1. Video really refers to interactive video in this case.
      2. The estimate for throughput is much better after the device is associated
      3. The traffic in this presentation is voice and video – most traffic is bi-directional TCP/IP.
      4. The 3GPP request was for a handover metric to decide which network to associate with.
      5. The group needs to carefully consider use cases when looking at what metrics to define/apply.
5. AOB
   1. The next call will go through comment assignment status.
6. Adjourned at 11:58am ET**References:**