IEEE P802.11
Wireless LANs

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| Minutes REVmd - May and June Telecons |
| Date: 2017-05-30 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Jon Rosdahl | Qualcomm Technologies, Inc. | 10971 N 5750 WHighland, UT 84003 | +1-801-492-4023 | jrosdahl@ieee.org |
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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 -

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

**References:**