IEEE P802.11
Wireless LANs

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| Wireless Next Generation (WNG) Standing CommitteeMeeting Minutes for November-2017 MeetingOrlando, FL, USA |
| Date: 11-07-2017 |
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Abstract

Meeting Minutes for the WNG SC meeting held in Orlando, FL, USA, in November, 2017.

**Tuesday, November 7th, 2017, 8:00 AM to 10:00 AM Orlando Time**

Chair: Jim Lansford (Qualcomm)

Vice Chair: Lei Wang (Huawei)

**Meeting Agenda:**

The meeting agenda is shown below, and also published in the agenda document:

<https://mentor.ieee.org/802.11/dcn/17/11-17-1554-02-0wng-agenda-for-wng-2017-november.ppt>

* Call Meeting to Order
* Agenda approval
* Attendance reminder
* Documentation reminder
* Approval of Previous meeting minutes
	+ Minutes from September

<https://mentor.ieee.org/802.11/dcn/17/11-17-1482-00-0wng-wng-meeting-minutes-of-2017-september-waikoloa-meeting.docx>

* Announcements
* Presentations
* Plans for January 2018
* Adjournment

**Meeting Minutes:**

* Meeting called to order at 8:02am Orlando time on Tuesday, September 12, 2017, by Chair, Jim Lansford.
* Agenda approval:

<https://mentor.ieee.org/802.11/dcn/17/11-17-1554-02-0wng-agenda-for-wng-2017-november.ppt>

* The agenda was approved by unanimous consent
* The chair also noted the affiliation FAQ, anti-trust FAQ, ethics code, IEEE 802.11 policies and procedures, and IEEE 802 policies and procedures
* The chair covered the voting rules for WNG SC, being a standing committee
* Approval of previous meeting minutes
* The minutes of 2017-September Waikoloa meeting:

<https://mentor.ieee.org/802.11/dcn/17/11-17-1482-00-0wng-wng-meeting-minutes-of-2017-september-waikoloa-meeting.docx>

* + The minutes were approved by unanimous consent.
* Approximately 110 people attended the WNG session.
* Presentation #1: “Broadcasting on WLAN” - Hitoshi Morioka (SRC Software),

<https://mentor.ieee.org/802.11/dcn/17/11-17-1736-01-0wng-broadcast-service-on-wlan.pptx>

* + Summary of Discussion:
		- Calarified that the proposed changes may not include any PHY changes.
		- Added one option into the Straw Poll #1, i.e., Option 3: Don’t Care.
	+ Straw Poll #1: Which way is better?
		- Option 1: Modify in REVmd
		- Option 2: Form SG
		- Option 3: Don’t care
	+ Straw Poll #1 result: 4 Option-1 /  21 Option-2 / 29 Don’t care
	+ Straw Poll #2: Do you support to form study group for “broadcast service on WLAN”?
	+ Sraw Poll #2 result: 18 yes / 7 no / 15 don’t care / 27 needs more info
	+ Summary of post-SP discussion
		- Questioned the scope of 11md, are new functions allowed?
		- Answer from 11md Chair: 11md is mainly about the maintenance items, general corrections, improve the standards; in practice: small feataures are in scope. In this case, we need to look into the amount of changes. Need more info to tell if this is in scope in 11md.

* Presentation #2: “Wi-Fi Time Sensitive Networking” – Evgeny Khorov (NRU HSE; IITP RAS)

<https://mentor.ieee.org/802.11/dcn/17/11-17-1734-01-0wng-wtsn.pptx>

* + Summary of Discussion:
		- Discussed Slide 8, e.g., STA2 needs 2 radios for Rx and Tx at the same time; STA1 with TSN traffic has a higher priority than STA2; and STA2 needs to terminate on-going transmission when receiving TSN notification, etc.
		- Commented on two issues: one is the legacy users on the band, not limited to dot11, e.g., celluar-unlicensed; the other is with STA2 as non-TSN device, voluntarily giving up its opportunity, not sure which manufacturer will do that.
		- Commented on slide 3, lots of work done in dot11 and IETF, lots of use cases, in IETF, there is a statement saying this technology does not apply to Wi-Fi. Not good for this group. Probably we should look into this topic.
		- Commented that the topic is interesting, but don’t like the proposed specific solution, and also think that TSN traffic may be supported using the existing mechanisms;
		- Clarified that the solution described in the presentation is only an example, just one way to support TSN. This presentation is more about drawing attentions of this group.
		- Discussions about centralized control / scheduling based channel access for supporting TSN traffic; also the need of EDCA mechanism;
		- Commented that it cannot quanrantee QoS in unlicensed band. Million of legacy devices. Some transmissions can be predicated, but some cannot be predicated. Still have underline issues for latency. Probably start with use cases, identify what problems we are trying to solve.
	+ Straw Poll: Is the problem of Time Sensitive Networking with 802.11 interesting to you?
		- SP Result: 58 yes / 3 no / 7 abstain
* Plan for 2018-January meeting:
	+ Call for contributions: the WNG chair will issue a call for contributions before the 2018-January meeting.
* Any other business: none
* Adjourned at 9:09am Orlando Time