Minutes IEEE P802.11
Wireless LANs

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| IEEE 802.11 TGbh Teleconference Minutes, August 29, 2023Randomized and Changing MAC addresses (RCM) |
| Date: 2023-08-29 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Peter Yee | NSA-CSD | Mountain View, CA, US |  | peter@akayla.com |

Abstract

This document contains the minutes of the IEEE 802.11bh teleconference of August 29, 2023.

Note: Highlighted text are action items.

Q- proceeds a question asked at the meeting

A- proceeds an answer

C- proceeds a comment

**Meeting August 22nd, 2023, 9:30 a.m. to 11:30 a.m. EDT**

**Chair: Mark Hamilton (Ruckus/CommScope)**

**Vice Chair: Peter Yee (NSA-CSD/AKAYLA)**

**Vice Chair: Stephen Orr (Cisco)**

**Secretary: Peter Yee**

**Editor: Carol Ansley (Cox Communications)**

**The teleconference was called to order by the Chair at 9:33 a.m. EDT.**

Agenda slide deck [11-23/1432r01](https://mentor.ieee.org/802.11/dcn/23/11-23-1432-01-00bh-agenda-tgbh-2023-aug-29.pptx)

1. **Policies and procedures were presented by Chair Mark Hamilton. (Slides 4 to 15)**

There were no Patent declarations.

Copyright policy slides were presented (Slides 10 and 11)

1. **Agenda:**
* **Attendance, noises/recording, meeting protocol**
* **Policies, duty to inform, participation rules**
* **Organization topics:**
	+ Timeline reminder (slide 16)
	+ Motions record: [11-22/0651r23](https://mentor.ieee.org/802.11/dcn/22/11-22-0651-23-00bh-tgbh-motions-list.pptx)
* **Comment Resolution**
	+ Tracking document: [11-23/1152r16](https://mentor.ieee.org/802.11/dcn/23/11-23-1152-16-00bh-ieee-802-11bh-lb274-comments.xlsx)
	+ Comment topics list (slide 17)
	+ Comment resolution queue (slide 18)
* **Discussion on response to WBA liaisons (due Sept):** [**11-21/0703r0**](https://mentor.ieee.org/802.11/dcn/21/11-21-0703-00-0000-2021-april-liaison-from-wba.docx)**,** [**11-21/1141r0**](https://mentor.ieee.org/802.11/dcn/21/11-21-1141-00-00bh-excerpts-of-wba-document-wi-fi-id-scope.pptx)**,** [**11-22/0668r0**](https://mentor.ieee.org/802.11/dcn/22/11-22-0668-00-0000-liaison-statement-from-wba-re-wi-fi-devices-identification-group.pdf)**,** [**11-22/0653r0**](https://mentor.ieee.org/802.11/dcn/22/11-22-0653-00-0000-2022-march-wba-whitepaper-re-device-identification.pdf)
	+ [11-23/0888r0](https://mentor.ieee.org/802.11/dcn/23/11-23-0888-00-00bh-wba-liaison-discussion.pptx) Stephen Orr

The agenda, as amended with comment resolution submission updates, was approved with unanimous consent.

1. **Timeline Review**

Hopefully, we will be able to wrap up comment resolution in time for a recirculation ballot by November, if not earlier. We appear to be on track.

1. **CR for CIDs relevant to use case 4.8**

Jay Yang (ZTE) indicated that he would proceed with Option 1 in the previously presented and amended [11-23/1314r02](https://mentor.ieee.org/802.11/dcn/23/11-23-1314-02-00bh-cr-for-use-case-4-8.docx). Option 1 is to reuse the current Device ID IE. Several members of the group were not in favor of the scheme embodied in Option 1 or were not clear on the concept. Based on the discussion, it seems there’s actually stronger support for Option 2 (use of a proprietary measurement ID element). There are questions of when a MAC address becomes fixed within an ESS. Dan Harkins (HPE) will prepare a set of questions to gauge the group’s understanding of the topic. There isn’t consensus for Option 2 either.

1. **CID Resolutions IRM – 1**

Graham Smith (SRT Wireless) continued presenting resolutions in [11-23/1245r14](https://mentor.ieee.org/802.11/dcn/23/11-23-1245-14-00bh-cid-resolutions-irm-1.docx), starting with CID 155, which he proposes to accept. He then looked at CIDs 135 and 224, which ask what happens when an IRM and Device ID match to different devices. He suggests the AP send a status code indicating a mismatch has happened along with a fresh Device ID, which tells the STA to start again. This resolution led to a long discussion that resulted in Smith agreeing to work up a note explaining why the comment should be rejected rather than accommodated. CID 64 wants to change a “may” to a “should” about using a MAC address in the next association and seems reasonable. CID 65 needs coordination with Jerome Henry’s (Cisco) resolution for CID 28; it’s deferred for now. CID 66 is accepted to remove a redundant statement along; the same applies to the related CID 194. CID 67 needs some additional work to better show the current and revised wording, with Smith preferring to reject the revised wording on page 33, line 8. The proposed wording could also be revised based on group input to Smith. CID 68 asks to delete text about the AP needing to store the IRM. Smith is inclined to reject the comment, although changing the text into a note might suffice. The question arises as to how long the AP should remember an IRM and manage its database of IRMs. Rejection seems acceptable. CID 69 notes an errant reference. Smith would fix this by deleting the unnecessary reference. CID 81 is accepted, changing “Response” to “Request”. CID 147 is likewise resolved. CID 108 is accepted so that a normative requirement on the configuration of an ESS is expressed as a note instead.

**Meeting adjourned at 11:30 a.m. EDT**

**Attendance**

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| Breakout | Timestamp | Name | Affiliation |
| TGbh | 08/29 | Ali, Sawaida Rafaqat | Vestel |
| TGbh | 08/29 | Ansley, Carol | Cox Communications |
| TGbh | 08/29 | De la Oliva, Antonio | InterDigital |
| TGbh | 08/29 | Fang, Yonggang | MediaTek |
| TGbh | 08/29 | Hamilton, Mark | Ruckus/CommScope |
| TGbh | 08/29 | Harkins, Dan | HPE |
| TGbh | 08/29 | Huang, Qisheng | ZTE |
| TGbh | 08/29 | Kneckt, Jarkko | Apple |
| TGbh | 08/29 | Levy, Joseph | InterDigital |
| TGbh | 08/29 | Li, Yan | ZTE |
| TGbh | 08/29 | Luo, Hui | CYSC CSS ICW ENG SYS |
| TGbh | 08/29 | McCann, Stephen | Huawei |
| TGbh | 08/29 | Mutgan, Okan | Nokia |
| TGbh | 08/29 | Nezou, Patrice | Canon |
| TGbh | 08/29 | Patwardhan, Gaurav | HPE |
| TGbh | 08/29 | Ravi, Sunil |  |
| TGbh | 08/29 | Rosdahl, Jon | Qualcomm |
| TGbh | 08/29 | Sam, Harvey |  |
| TGbh | 08/29 | Smith, Graham | SRT Wireless |
| TGbh | 08/29 | Thakore, Darshak | CableLabs |
| TGbh | 08/29 | Wang, Zisheng |  |
| TGbh | 08/29 | Yang, Jay | Nokia |
| TGbh | 08/29 | Yee, Peter | NSA-CSD |