IEEE P802.11Wireless LANs

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| Proposed Resolutions to Miscellaneous CIDs of 11az SAB1  |
| Date: 2022-04-04 |
| Author(s): |
| Name | Company | Address | Phone | email |
| Qi Wang | Apple Inc.  |  |  | qi\_wang2@apple.com |
| Tianyu Wu | Apple, Inc.  |  |  | tianyu@apple.com |
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Abstract

This submission proposes the resolutions to 11az SAB1 CID- 7285 and 7286.

The page and line numbers refer to those in 11az Draft 4.1 [1].

**Introduction**

This submission proposes the resolutions to miscellaneous 11az SAB1 CID- 7285 and 7286.

The page and line numbers refer to those in 11az Draft 4.1 [1].

**Comments:**

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| CID | Page/Line | Clause | Comment | Proposed change | Resolution |
| 7285 | P132/L22 | 11.21.6.3.3 | "When an ISTA has included the Secure LTF subelement in the Ranging Parameters element in its 22 IFTMR frame and sets the value of the Secure LTF Required field to 1, the ISTA shall set the Max 23 R2I Rep and Max I2R Rep subfields to a value greater than 0, and both RSTA Assigned R2I Rep 24 and RSTA Assigned I2R Rep shall be greater than 0." There is no technical reason for the requirement to always use >1 repetitions | remove | Reject. The 11az group discussed the mandating of repetition when using Secure HE-LTF several times, and the agreement within the group was that repetition shall be used in a secure HE-LTF session. |
| 7286 | P133/L05 | 11.21.6.3.3 | "NOTE 1—The setting of the I2R LMR Feedback subfield to 1 in the Ranging Parameters field in the Ranging Parameters element contained in the IFTMR frame and IFTM frame respectively is based on higher layer agreements." - always? How about headless devices? | Change to "NOTE 1—The setting of the I2R LMR Feedback subfield to 1 in the Ranging Parameters field in the Ranging Parameters element contained in the IFTMR frame and IFTM frame respectively may be based on higher layer agreements." | Reject. NOTE1 indicates that, if/when an ISTA's location information is shared with an RSTA at the MAC layer, it relies on the pre-existing trusting relationship between the ISTA and the RSTA which is established at a layer above the MAC.  A headless device  (ISTA) will only share its location information with a trusted network (RSTA).  This note applies to all devices categories (including headless devices).  No spec change is needed.  |

**References**

[1] IEEE P802.11az™/D4.1, Draft Standard for information technology – Telecommunications and information exchange between systems Local and metropolitan area networks – Specific requirements, Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, Amendment 4: Enhancements for positioning