IEEE P802.11
Wireless LANs

|  |
| --- |
| LB240 Clause 3 CIDs |
| Date: 2019-04-07 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Assaf Kasher | Qualcomm |  |  | akasher@qti.qualcomm.com |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document proposes resolutions to comments on clause 3, CIDs: 1009, 2020, 1486, 1487, 1758, 2391, 1488, 1913 1735, 1093

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2009 | 3.04 | 4 | 3.1 | [Re-raising this comment from the comment collection, as it is not possible to determine from 18/1544r8 whether/how it was addressed. References are to the CC draft and hence may be wrong against D1.0.]802.11 is only concerned with 802.11 | Delete "802.11" in "802.11 association" (also in 4.5.4.2; also in "802.11 authentication" in 12.13.1) | Resolved per 11-18-2152r2 (Accept) |

Proposed Resolution: Revised

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2010 | 3.10 | 10 | 3.1 | [Re-raising this comment from the comment collection, as it is not possible to determine from 18/1544r8 whether/how it was addressed. References are to the CC draft and hence may be wrong against D1.0.]It's not clear what a "Secure TRN Sequence" is, with capitals. Is it a field name? | Either append "field" or lowercase | Resolved per 11-18-2152r2 (Revise) |

Proposed Resolution: Revised

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1486 | 5.19 | 19 | 3.2 | "PEDMG", EDMG, SU, and TRN need to be spelled out. | as in comment. | Revised per 11-19-0622(Accept in principle) |

Proposed Resolution: **Revised**

***TGaz Editor: modify the text in P5L19 (3.2) as follows:***

**Positioning Enhanced Directional Multi-Gigabit (PEDMG) (#1486) secure ranging physical layer (PHY) protocol data unit (PPDU)**: An enhanced directionla multi-miagabit single user physical layer (PHY) protocol data unit (EDMG SU PPDU) that contain Secure training (TRN) subfields in the training (TRN) field to enable secure ranging with physical layer (PHY)level security.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1487 | 5.22 | 22 | 3.2 | "hidden station (STA)" is defined in REVmd 2.0 already. remove it here. | as in comment. | Accept |
| 1758 | 5.25 | 25 | 3.2 | The word hidden is only present in 802.11az in the definition of the hidden STA. If the hidden STA definition is not used, then why is it defined? | Please delete the definiition of the hidden STA. | Accept |

Proposed Resolution: **Accept**

***TGaz Editor: Remove the definition of Hidden STA in P5 L22-25 from the draft.***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2391 | 6.04 | 4 | 3.2 | The part "that implements pre-association security negotiation (PASN) and" is redundant. Only those that implemented the function can set the MIB which shows whether the function is activated or not. | Delete "that implements pre-association security negotiation (PASN) and". | **Revised** |
| 1488 | 6.05 | 5 | 3.2 | "Pre-association security negotiation STA: A station that implements pre-association security negotiation (PASN) and for which dot11PASNActivated is true." Here is the definition. There is no need to mention how to or whether a MIB variable is set or not. | at the cited location, delete "and for which dot11PASNActivated is true". | **Revised** |

Discussion:

This has already been discussed in CC28, see 11-18-2152. It is OK to accept 1488 while revising 2391.

***TGaz Editor: Modify the text P6L4-5 (definition of Pre-association security negotiation)***

**Pre-association security negotiation station (STA) (#1488)**: A station that implements pre-association security negotiation (PASN).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1913 | 6.05 | 5 | 3.2 | "RSTA" needs to be defined. | Define the concept "RSTA" is trying to convey, and also include RSTA in the acronyms (3.4). | **Revised** |
| 1735 | 6.07 | 7 | 3.4 | Define the acronym RSTA. I couldn't find it in this document or any of the baselines. | Add definition for RSTA | **Revised** |

***TGaz Editor: Add the definition for ISTA after the definition of HLTK (P5L26):***

**initiator station (ISTA) (#1913) :** A station that requests location service using fine timing measurement (FTM), non trigger based (nTB) ranging or trigger based (TB) ranging.

***TGaz Editor: Add the definition for ISTA after the definition of Pre-association security negotiation STA (P6L5):***

**responder station (RSTA) (#1913):** A station that provides location service using fine timing measurement (FTM), non trigger based (nTB) ranging or trigger based (TB) ranging.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1093 | 13.19 | 19 | 3.2 | The definition "PEDMG secure ranging physical layer (PHY) protocol data unit (PPDU):" is incorrect in section XX.In section 3.4 it is defined as "PEDMG positioning enhanced directional multi-gigabit" which is the correct one. | PEDMG is NOT only secured. It is EDMG positioning directional multi-gigabit.Fix the text. If the secure version is to have a name then write a new one like SPEDMG. | Reject: The definition in 3.2 does not define PEDMG as 3.4 but the whole text that is to the left of the “:”. |

**References:**

**[1] Draft P802.11az D1.0**

**[2] Draft P802.11REVmd D2.1**