IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SA1 comment resolution for OSC category | | | | |
| Date: 2024-06-20 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Ali Raissinia | Qualcomm Inc. |  |  | [alirezar@qti.qualcomm.com](mailto:alirezar@qti.qualcomm.com) |
|  |  |  |  |  |

Abstract

Comment resolution for CIDs 6026 and 6034 (total of 2 CIDs).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 6026 | 11.55.1.2 | 139.03 | Successfully set up is not well defined, and inconsistent with previous paragraphs and base standard. | Change has not successfully set up a PTKSA to has not established a PTKSA. | Revise  <https://mentor.ieee.org/802.11/dcn/24/11-24-1050-01-00bf-SA1-comment-resolution-for-OSC-category.docx> |
| 6034 | 11.55.1.2 | 138.58 | Specify how the PTKSA is to be established | Change an unassociated non-AP STA shall establish a PTKSA with that AP to an unassociated non-AP STA shall establish a PTKSA using PASN with that AP | Revise  <https://mentor.ieee.org/802.11/dcn/24/11-24-1050-01-00bf-SA1-comment-resolution-for-OSC-category.docx> |
| 6006 | 9.3.1.19.1 | 28.26 | This change to the sentence isn't making sense: "and the presence or absence of the STA Info field with AID11 subfield equal to 2045 and with B31 set to 1 (see Table 9-42b (NDP Announcement frame variant encoding) and Table 9-42ba (Ranging NDP Announcement frame and Sensing NDP Announcement frame encoding))" perhaps due to misplaced parenthesis? The "and Table 9-42ba" does not distinguishing (signaling) a variant, though the content of the table might be used for such a purpose. The table is also unclear (use of Not Applicable?). Perhaps the group can replace these with something that clearly describes a requirement. | Delete the sentence and Table 9-42ba as neither make any sense at all. | Reject  To distinguish between Ranging NDP Annoucnement frame & Sensing NDP Announcement the spec is clearly specifying the absence or presence of transmission of STA Info field with AID11 subfield equal 2045 together with value of B31 is to be used as to avoid ambiguity for the receiver. Deleting the senetence as per commenter’s proposed resolution in fact results in ambiguity for the receiver. |

Resoluition for CID 6026, TGBK editor, change the text in P139L1-5 as follows:

An AP shall discard Sensing Measurement Request frame, Sensing Measurement Query frame, and SBP

Request frame from an unassociated non-AP STA if a PTKSA was required and the unassociated STA has not established ~~successfully set up~~ a PTKSA to allow protection of all sensing and/or SBP management frames between the AP and the unassociated STA.

Resolution for CID 6034, TGBK editor, change the text in P138L58-59 as follows:

If an AP has set the USNM-MFPR field in the RSNXE to 1, an unassociated non-AP STA shall establish a PTKSA using PASN with that AP prior to initiating a sensing measurement session with that AP.

**References: P802.11bfD4.0, P802.11REVme 6.0 and P802.11bkD2.0.**