IEEE P802.11
Wireless LANs

|  |
| --- |
| CR for misc remaining CIDs |
| Date: 2021—01-08 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Jonathan Segev | Intel |  |  | Jonathan.segev@intel.com |
| Dibaakr Das | Intel |  |  | Dibakar.das@intel.com |

Abstract

This submission proposes resolution for the following CIDs: 3611, 3214, 3376, 3356

REV0: initial version

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| **3611** | 73.26 | 9.4.2.296 | "The I2R TOA Type subfield in the initial Fine Timing Measurement Request frame is set to 1 to 26indicate that the ISTA supports phase shift type TOA feedback and is set to 0 to indicate that the 27first path reporting in the ISTA2RSTA LMR. The I2R TOA type in the initial Fine Timing 28Measurement frame is set to 1 to indicate that the TOA feedback type in the ISTA2RSTA LMR 29to be phase shift type of TOA, corresponding to the average linear phase across the subcarriers 30and is set to 0 to indicate that, and the ISTA2RSTA LMR TOA feedback type to be the first path 31reporting. " -- as far as I can tell in the IFTMR it's a capability indication and in the IFTM it's the request | Change to "The I2R TOA Type subfield in the initial Fine Timing Measurement Request frame is set to 1 toindicate that the ISTA supports phase shift type TOA feedback in the ISTA2RSTA LMR and is set to 0 to indicate that it does not. The I2R TOA type in the initial Fine TimingMeasurement frame is set to 1 to request that the TOA feedback in the ISTA2RSTA LMRbe the phase shift type TOA feedback, corresponding to the average linear phase across the subcarriers,and is set to 0 to request that the ISTA2RSTA LMR TOA feedback type be first pathreporting. " | **Revised** The text in draft 2.6 has been clarified to indicate that the value of the I2R TOA subfield indicates a capability when included in IFTMR and its an assignment when included in IFTM. See the redline version from D2.6 compared to D2.0: “The I2R TOA Type subfield in the IFTMR frame is set to 1 to indicate that the ISTA supports phase shift type TOA feedback and is set to 0 to indicate support of only first path reporting in the ISTA2RSTA LMR. The I2R TOA type subfield in the initial Fine Timing Measurement frame is set to 1 to indicate that the TOA feedback type in the I2R LMR to be phase shift type of TOA, corresponding to the average linear phase across the subcarriers and is set to 0 to indicate that the feedback type in the will be of the first path reporting.”**TGaz editor:** no further action needed.  |
| **3214** | 197.16 | 27 | 11az introduces many changes to the clause 27 PHY and these changes breaks the baseline text. For example, 27.1.1 specifies all the PHY requirements which are different from those requirements to support 11az. 27.3.11.7 HE-SIG-A never mentioened the repetition of HE-LTF which is needed by 11az NDP. Not sure how to indicate them. 27.3..1.10 HE-LTF are also contradicated to the azD2.0 27.3.17c. | Two options: option 1. Remove the 11az PHY change from clause 27 and put them a new clause 11az PHY. Or option 2: go to each subclause of clause 27 and add necessary text to exclude the HE rangeing NDP and HE TB ranging NDP from the descriptions or how to handle HE ranging NDP and HE TB ranging NDP (e.g. preamble filedl); Some equations need to be updated too. | **Reject.** Commenter withdrew the comment |
| **3376** | 28.2 | 6.3.56 | Figure 6-17, 6-17b and 6-17c includes interaction beyond that needed for service establishment i.e. PHY (anttena) and TOA/TOD. This is out of scope for section 6 SME and should be removed. It serves no purpose as all the information is repeated in section 11. also, by removing that you can have a single figure 6-17 which is correct for all modes of FTM (TB/NTB/EDCA) from the upper layers prespective it is meaningless for that purpose. | Remove FTM measurement frame exchange from figure 6-17, 6-17b and 6-17c and leave only the service negotiation frames (IFTMR and IFTM). | **Reject.** Commenter withdrew the comment |
| **3356** | 22.20 | 4.3.19.19 | PASN only obfuscates the exchange from eavesdropper, but it does not protect against spoofing, which is the main problem. Also, eavesdropping is not prevented by encryption. | Augment PASN with a protected LCI report, whereby, when PASN is in action, the AP can provide the LCI with identifier of its known neighbors. | **Reject.** Commenter withdrew the comment |