IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 11ax D4.0 MAC miscellaneous CIDs | | | | |
| Date: 2019-09-16 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu | Marvell |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This submission proposes resolutions for multiple comments related to TGax D4.0 with the following CIDs:

* 21290, 20768

Revisions:

* .

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGax Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGax Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGax Editor: Editing instructions preceded by “TGax Editor” are instructions to the TGax editor to modify existing material in the TGax draft. As a result of adopting the changes, the TGax editor will execute the instructions rather than copy them to the TGax Draft.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **PP** | **LL** | **Comment** | **Proposed Change** | **Resolution** |
| 21290 | 305 | 26 | The frame sequence of a TXOP is only known at the end of the TXOP. | Remove the paragraph or rewrite so that the requirements are conditioned on frames already transmitted and not those that are still be transmitted. | Revised.  Discussion: Generally agree with the commenter. The paragraph is rewritten mentioned that the TXOP protection is per the first HE PPDU. The related change is proposed in 11-19/0748r2. No further change is needed. |
| 20768 |  |  | Re CID 16228: if that's the argument, then "zero or more" needs to be added everywhere where there's no multiplicity qualifier | At 222.29 change "Non-EOF-MPDUs" to "Zero or more non-EOF MPDUs". At 222.48 change "Trigger frames" to "Zero or more Trigger frames". At 220.8 change "BlockAck frames" to "Zero or more BlockAck frames" | Revised.  Discussion: at 222.29, it shouldn’t be “zero or more non-EoF MPDUs” since at least one non-EoF MPDU should be aggregated in the A-MPDU in **HE non-ack-enabled single TID immediate response context**. Otherwise the A-MPDU will be covered by Control response context. The same reason is applied to P222L48 bullet. P220L8 is the bullet from the baseline. Since “zero or more” is default requirement for the description of aggregating MPDUs in A-MPDU. the “zero or more” being added to 11ax draft will be removed.  TGax editor to remove “zero or more” from Table 9-529 (“aero or more” at P233L52 of 11ax D4.3, “aero or more” at P233L59 of 11ax D4.3), Table 9-531 (“zero or more” at P234L31 of 11ax D4.3, P234L33 of 11ax D4.3), Table 9-532 (“zero or more” at P235L28 of 11ax D4.3), Table 9-532a (“zero or more” at P235L28 of 11ax D4.3), 9-532c (“zero or more” at P238L26 of 11ax D4.3), 9-532d (“zero or more” at P240L26 of 11ax D4.3) |