IEEE P802.11
Wireless LANs

|  |
| --- |
| 11ax D2.0 Comment Resolution CID 11314, 12883 |
| Date: 2018-04-30 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu | Marvell |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This submission proposes resolutions for multiple comments related to TGax D2.0 with the following CIDs:

* 11314, 12883.

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** |
| 11314 | 247 |  | Organize these paragraphs as a bulleted list (technical content to remain the same): One for TID aggregation limit set to 0, one for TID Aggregation Limit set to 1, one for TID Aggregation limit greater than 1. | As in comment. | **Revised****TGax editor to make change in 11-17/0794r0 under 11314** |
| 12883 | 247 | 43 | "The AP shall set the value in the TID Aggregation Limit subfield in the Trigger Dependent User Info field to0 or 1 for an HE STA that has 0 in the Multi-TID Aggregation Support subfield" contradicts "An AP that sends a Basic Trigger frame may set the TID Aggregation Limit subfield of a User Info field thatis intended to a non-AP STA to any value between 0 and the most recently received Multi-TID AggregationSupport subfield": second implies AP must set to 0 if non-AP STA indicated 0, first allows AP to set to 1 | Delete "or 1" in the first sentence cited | **Revised****TGax editor to make change in 11-17/0794r0 under 12883** |

**27.5.3.2.3 Allowed settings of the Trigger frame fields and UMRS Control field**

***TGax editor: change the following two paragraphs in 27.5.3.2.3 as follows(11314, 12883): (#9259)***

(#11314, 12883)

If an AP doesn’t allow a STA to solicit any immediate response for the MPDUs that the STA aggregates in the HE TB PPDU, the AP shall set the value in the TID Aggregation Limit subfield in the Trigger Dependent User Info field addressed to the STA in Basic Trigger frame to 0.

An AP shall set the the value in the TID Aggregation Limit subfield in the Trigger Dependent User Info field addressed to a STA in Basic Trigger frame to 1 if

* (#9831)the AP allows the STA to solicit Ack for the S-MPDU or ack-eanbled A-MPDU that the STA transmits in the HE TB PPDU, or
* the AP wants the STA to solicit the AP allows the STA to solicit Block Ack for the QoS MPDUs from single TID that the STA transmits in the HE TB PPDU.

An AP shall set the value in the TID Aggregation Limit subfield in the Trigger Dependent User Info field addressed to a STA in Basic Trigger frame to more than 1 if

* the most recently received Multi-TID Aggregation Tx Support subfield of an HE Capabilities element sent by the STA is more than 0,
* the AP allows the STA to transmit multi-TID A-MPDU in the HE TB PPDU (see 27.10.4 (multi-TID A-MPDU and ack-enabled A-MPDU)), and
* the value in the TID Aggregation Limit subfield decreased by 1 is not more than the value of the most recently received Multi-TID Aggregation Tx Support subfield of an HE Capabilities element sent by the STA.

An AP may set 7 in the TID Aggregation Limit subfield addressed to a STA to indicate that the STA may aggregate QoS Data frames from any number of different TID values in the multi-TID A-MPDU.