IEEE P802.11
Wireless LANs

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| CR for miscellaneous CIDs |
| Date: 2024-04-26 |
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Abstract

This submission proposes comments resolution of the following 1 CID received for TGbe Draft 5.1:

CIDs:

22412

Revisions:

* Rev 0: Initial version of the document.

***TGbe editor: The baseline for this document is IEEE 802.11be D5.1***

1. **Introduction**

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 TGbe Draft. The introduction and the explanation of the proposed changes are not part of the adopted material.

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| **CID** | **Commenter** | **Clause**  | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 22412 | Chaoming Luo | 62 | 489.35 | Since we defined "TXS" for "Triggered TXOP sharing" in 35.2.1.2, it's better to consitently used. E.g. change "dot11EHTTXOPSharingTFOptionImplemented" to "dot11EHTTXSTFOptionImplemented", and change "Triggered TXOP Sharing Mode 1 Support" to "TXS Mode 1 Support", and change "Triggered TXOP Sharing Mode 2 Support" to "TXS Mode 2 Support", also the related fields in 9.4.2.313.2. | as in comment. | RevisedAgree with the commenter.TGbe editor, please implement below changes through TGbe draft 5.1.1. Change “dot11EHTTXOPSharingTFOptionImplemented” to “dot11EHTTXSTFOptionImplemented” for 6 occurences;
2. Change “Triggered TXOP Sharing Mode” to “TXS Mode” for 48 occurences;

Further, TGbe editor to make changes in 11-24/0738r0 under CID 22412 |

***TGbe editor: Please make the following changes in 9.3.1.22.2 (Common Info field) : (#22412)***

**9.3.1.22.2 Common Info field**

If the Trigger Type subfield (B0–B3) indicates an MU-RTS Trigger frame, then B20–B21 of the HE or EHT variant Common Info field is the Triggered TXOP Sharing Mode subfield. Otherwise, B20–B21 of the HE variant Common Info field is the GI And HE-LTF Type subfield, and B20–B21 of the EHT variant Com-mon Info field is the GI And HE/EHT-LTF Type subfield. The GI And HE-LTF Type subfield or GI And HE/EHT-LTF Type subfield of the Common Info field indicates the GI and HE/EHT-LTF type of the HE or EHT TB PPDU response. The GI And HE-LTF Type subfield or GI And HE/EHT-LTF Type subfield is present in a Trigger frame that solicits a TB PPDU response and its encoding is defined in Table 9-46d (GI And HE/EHT-LTF Type subfield encoding). The encoding of the Triggered TXOP Sharing Mode subfield in an HE or EHT variant Common Info field as shown in Table 9-46n (Triggered TXOP Sharing Mode subfield encoding). The Triggered TXOP Sharing Mode subfield is defined in 9.3.1.22.9 (MU-RTS Trigger frame format).

**Table 9-46n—Triggered TXOP Sharing Mode subfield encoding**

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| --- | --- |
| **Triggered TXOP Sharing Mode subfield value** | **Description** |
| 0  | MU-RTS that does not initiate TXS procedure. |
| 1 | MU-RTS that initiates TXS procedure wherein a scheduled STA can only trans-mit MPDU(s) addressed to its associated AP. |
| 2 | MU-RTS that initiates TXS procedure wherein a scheduled STA can transmit MPDU(s) addressed to its associated AP or addressed to another STA. |
| 3 | Reserved. |

***TGbe editor: Please make the following changes in 35.2.1.2.3 (Non-AP STA behavior) : (#22412)***

**35.2.1.2.3 Non-AP STA behavior**

A non-AP STA addressed by an MU-RTS TXS Trigger frame with the TXS Mode subfield equal to 2 may either perform PIFS recovery within the allocated time or perform a backoff within the allocated time when the non-TB PPDU transmission is not successful. How it chooses among these options is implementation dependent.

***TGbe editor: Please make the following changes in 35.3.16.4 (Nonsimultaneous transmit and receive (NSTR) operation) : (#22412)***

**35.3.16.4 Nonsimultaneous transmit and receive (NSTR) operation**

A non-AP STA affiliated with a non-AP MLD operating on a link of an NSTR link pair that has gained the right to initiate transmission of a frame of a specific AC on a link through the rules for EDCA backoff in 10.23.2.4 (Obtaining an EDCA TXOP) or that is enabled by an AP that is a TXOP holder to use a portion of the obtained TXOP through the rules for TXS in 35.2.1.2 (Triggered TXOP sharing (TXS) procedure) may choose not to transmit any frame corresponding to that AC due to expected interference caused by the transmission at the non-AP STA operating on one of the links of the NSTR link pair within the non-AP MLD and due to lack of availability of an alternative frame in the queue of the link that would not introduce the opportunity for such interference.

***TGbe editor: Please make the following changes in C.3 (MIB Detail): (#22412)***

**C.3 MIB Detail**

dot11EHTTXOPSharingTFOptionImplemented OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This is a capability variable.

Its value is determined by device capabilities.

This attribute, when true, indicates the ability of the EHT STA to support the TXS procedure. If the attribute is false, the sta-tion does not support the TXS procedure."

::= { dot11StationConfigEntry 222 }