IEEE P802.11
Wireless LANs

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| Resolution for CID in 27.7.3.1 (TWT) |
| Date: May 9, 2018 |
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 Abstract

This submission proposes resolutions for CIDs in 27.7.3.1 received for TGax LB230 (4): 11347, 11037, 13781, 13782

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Minor editorial (feedback received during MAC ad-hoc)

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.***

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| **CID** | **Commenter** | **Pg / Ln** | **Section** | **Comment** | **Proposed Change** | **Resolution** |
| 11347 | Alfred Asterjadhi | 274.19 | 27.7.3.1 | This paragraph and the one in L33 are essentially saying the same. Merge them and if needed add the classifier related to the MIB variable only to cover the Probe Response case. | As in comment. | **Revised**Agree with the comment. The two paragraphs are consolidated to one.**TGax editor, please make changes as showing document 11-18/0739r1** |
| 11037 | Abhishek Patil | 274.24 | 27.7.3.1 | The 2nd bullet needs to include Trigger subfield = 1 as one of the conditions | As in comment | **Revised**Agree with the comment.**TGax editor, please make changes as showing document 11-18/0739r1** |
| 13781 | Yanjun Sun | 274.24 | 27.7.3.1 | The condition needs to include Trigger subfield = 1 | Replace the second bullet as:" - The TWT Flow Identifier subfield is set to 2, Trigger subfield is set to 1, and the AP has scheduled transmission of a Trigger frame with at least one RU with the AID12 subfield equal to 2045 during the next scheduled TWT SP." | **Revised**Agree with the comment.**TGax editor, please make changes as showing document 11-18/0739r1** |
| 13782 | Yanjun Sun | 274.28 | 27.7.3.1 | An AP can bin a STA to a particular B-TWT schedule only if the STA has indicated support for Broadcast TWT via HE Cap | Clarify that the statement applies only if the STA has indicated support for Broadcast TWT by setting the Broadcast TWT Supported bit to 1 in HE Capabilities element | **Revised**Agree with the comment. The sentence was revised as suggested by the comment.**TGax editor, please make changes as showing document 11-18/0739r1** |

**27.7.3.1 General**

TGax Editor: Please modify the 3rd thru 7th paragraphs in section 27.7.3.1 as follows:

* [11347]

[13782]A TWT scheduling AP may include a TWT element with the Broadcast subfield of the Negotiation Type field equal to 1 within an Association Response frame or within a TWT setup frame to assign the recipient STA to a broadcast TWT schedule without having received a request from the STA to become a member of the broadcast TWT schedule if that STA has set the Broadcast TWT Support field of HE Capabilities element it transmits to 1.

The TWT scheduling AP shall not include a broadcast TWT element in FILS Discovery frame and in broadcast Probe Response frame unless the TWT Flow Identifier subfield is set to 2, the Trigger subfield is set to 1, and the AP has scheduled transmission of a Trigger frame with at least one RU with the AID12 subfield set to 2045 during the next scheduled TWT SP. The AP transmits broadcast Probe Response frames if it has dot11FILSOmitReplicateProbeResponses equal to true.[11037, 13781, 11347]

An HE BSS belonging to a Multiple BSSID set (see 11.11.14 (Multiple BSSID set)) may advertise TWT element carried in the Management frames transmitted by the transmitted BSSID. An HE AP may include the TWT element in a nontransmitted BSSID profile carried in the Multiple BSSID element (see 9.4.2.46 (Multiple BSSID element)) to provide different TWT parameter values for STAs associated with that nontransmitted BSSID.

A non-AP HE STA shall obtain TWT parameter values from the most recently received TWT element carried in the Management frames of its associated AP. A non-AP HE STA with dot11MultiBSSIDActivated set to true and associated with a nontransmitting BSSID shall inherit the TWT parameter values from the TWT element when advertised by the transmitted BSSID if the element is not carried in the nontransmitted BSSID profile for that BSSID.