IEEE P802.11  
Wireless LANs

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| Proposed CR for Clause 35.2.1.2.3 | | | | |
| Date: 2022-09-06 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Dmitry Akhmetov | Intel Corporation |  |  | Dmitry.akhmetov@intel.com |
| Dibakar Das |  |  |  |  |
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Abstract

This submission addresses the following CIDs relative to 11be draft 2.1.

13063, 13773

Revisions:

* Rev 0: Initial version of the document.

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| **CID** | **Commenter** | **Comment** | **Proposed Change** | **Resolution** |
| 13063 | Chittabrata Ghosh | The MU-EDCA timer is updated as per the following spec text: "The updated MUEDCATimer[AC] shall start at the end of the immediate response if a non-TB PPDU transmitted to its associated AP within the time allocated in an MU-RTS TXS Trigger frame contains at least one QoS Data frame for that AC that requires immediate acknowledgment, and shall start at the end of the non-TB PPDU if the transmitted non-TB PPDU to its associated AP does not contain any QoS Data frames for that AC that requires immediate acknowledgment." However, there is no spec text on MU-EDCA timer update when the response frame is received from a peer STA (and not its associated AP) or for the scenario when the non-TB PPDU is transmitted to the peer STA and that does not require immediate acknowledgement, when the TXOP Sharing Mode subfield value is 2. Please add spec tect on MU-EDCA timer update for the cases mentioned above. | As in comment | Revised  During 11be r1 the group discussed whether to add MU EDCA rules for P2P and did not approve it  However, after ofline discussion commenter pointed out that lack of text makes STA behavior after responding with CTS frame unclear.  Added clarification:  “A non-AP EHT STA that receive MU-RTS TXS trigger frame may initiate frame exchange with another STA SIFS after responding with CTS frame to a received MU-RTS TXS Trigger frame.”  **TGbe editor:** Apply the changes tagged with #13063 in this document |
| 13773 | Yuchen Guo | The MU EDCA is only used after UL transmission? what about P2P transmission?. | Please clarify, or add corresponding rules for P2P transmission | Rejected  During 11be r1 the group discussed whether to add MU EDCA rules for P2P and did not approve it |
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***TGbe editor: revise the following text in P410L27 of 11be draft 2.1.1 as:***

After a non-AP EHT STA receives an MU-RTS TXS Trigger frame from its associated AP that contains a  
User Info field that is addressed to it, the STA may transmit one or more non-TB PPDUs within the time  
allocation signaled in the MU-RTS TXS Trigger frame. The first PPDU of the exchange shall carry(#13974) a CTS frame transmitted per the rules defined in 26.2.6.3 (CTS frame response to an MU-RTS Trigger frame).

The time allocation shall start when the PHY-RXEND.indication primitive of the PPDU that contains the  
MU-RTS TXS Trigger frame has occurred.

The non-AP EHT STA may use the time allocated by the(#14027) associated AP in an MU-RTS TXS Trigger frame that is addressed to the STA and that hasthe (#12943, 13317)Triggered TXOP Sharing Mode subfield equal to 2 (#14056) for the transmission of one or more non-TB PPDUs that are addressed to the AP or to another STA (#13252). The non-AP EHT STA may transmit a QoS Data or QoS Null frame containing a CAS Control subfield with the RDG/More PPDU subfield equal to 0 to an associated AP from which it has received EHT Capabilities element with the TXOP Return Support In TXOP Sharing Mode 2 subfield set to 1(#11928, 13771, 12985, 13975).   
NOTE 1—For example, the STA might use the allocated time totransmit to a peer STA of a peer-to-peer link or might use the allocated time for non-infrastructure network communication (#13252).

The non-AP EHT STA that receive MU-RTS TXS trigger frame may initiates frame exchange with another STA SIFS after responding with CTS frame to a received MU-RTS TXS Trigger frame

The non-AP EHT STA may use the time allocated by the (#14027) associated AP in the MU-RTS TXS Trigger frame with the (#12943)Triggered TXOP Sharing Mode subfield equal 1 only for the transmission of one or more non-TB PPDUs that are addressed to the AP(#13771, 10781,14028).

A non-AP EHT (#11019) STA addressed by a User Info field in the MU-RTS TXS Trigger frame shall ensure that its PPDU transmission(s) and any expected responses fit entirely within the allocated time.