IEEE P802.11
Wireless LANs

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| CC36 CR for Cross Link Management Frame Transmission |
| Date: 2022-01-01 |
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Abstract

This submission proposes resolutions of comments received from TGbe comment collection CC36 based on TGbe D1.4.

* 6254 (1 CID)

Revisions:

* Rev 0: Initial version of the document.
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.

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

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

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| **CID** | **Commenter** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 6244 | Ming Gan | 35.x | 0.00 | the mechanism for crosslink management transmission is missing | as in the comment | Revised-Agree with the comment in principle. Propose resolution to account for the suggested change.TGbe editor to make the changes shown in 21/0442r1 under all headings that include CID 6244. |

**Discussion:** None.

**35.3.10.4 Traffic indication**

***Please remove the following paragraph in 35.3.10.4 Traffic indication as follows (#CID 6244):***

***Please add the following subclause in 35.3.21 Multi-link Management frame transmission and reception (#CID 6244):***

35.3.21 Multi-link Management frame transmission and reception

For a (PV0) Management frame sent on one link between an AP MLD and a non-AP MLD, the value of the Address 1 (RA) field in the MAC header of the frame shall be the MAC address of the receiving STA affiliated with the MLD corresponding to that link or group address, and the value of the Address 2 (TA) field in the MAC header of the frame shall be the MAC address of the transmitting STA affiliated with the MLD corresponding to that link.

For an individual addressed (PV0) Management frame sent on one link between an AP MLD and a non-AP MLD, if its framebody applies to another link, then the following applies:

 —The Individual/Group bit of the Address 3 field in the MAC header shall be set to 0.

 —The Address 3 field in the MAC header shall be set to the MAC address of the AP that operates on the other link.

For an individual addressed (PV0) Management frame sent on one link between an AP MLD and a non-AP MLD, if its framebody applies to more than one link, then the following applies:

 —The Individual/Group bit of the Address 3 field in the MAC header shall be set to 1.

 —The Address 3 field in the MAC header shall be set to the MLD MAC address of the AP MLD except for its Individual/Group bit.

 —The individual addressed Management frame shall carry link IDs of the APs affiliated with the AP MLD if its framebody does not apply to all setup links. Otherwise, the individual addressed Management frame shall not carry link IDs of the APs affiliated with the AP MLD.

For a (PV0) Management frame received on one link between an AP MLD and a non-AP MLD and its framebody applying to another link, a STA affiliated with a receiving MLD and corresponding to the other link shall follow the procedure (if any) applicable to a field/element in the (PV0) Management frame as if it had received that field/element transmitted by its associated AP.

NOTE—For a (PV0) Management frame that is Measurement MMPDU received on one link between an AP MLD and a non-AP MLD and its framebody can not apply to other link(s)