IEEE P802.11
Wireless LANs

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| CC36 CR for Retrieving Critical Update |
| Date: July 11, 2021 |
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 Abstract

This submission proposes resolutions for following 3 CIDs received for TGbe CC36 based on TGbe D1.01:

6257 6293 5257

Revisions:

* Rev 0: Initial version of the document.

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. This introduction is 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 802.11 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 | Page | Clause | Comment | Proposed Change | Resolution |
| 6257 | Ming Gan | 35.3.8 | 264.41 | The behavior of non-AP MLD to retrieve the updated BSS parameters is missing, please make it complete. | as in the comment | Revised-Agree with the comment in general. Proposed resolution provides the suggested behavior at the non-AP sideTGbe editor Please implement the changes as shown in doc 11-21/1443r0 tagged as 6257 |
| 6293 | Ming Gan | 35.3.8 | 264.39 | The behavior of non-AP MLD to retrieve the updated BSS parameters is missing, please make it complete. | as in the comment | Revised-Agree with the comment in general. Proposed resolution provides the suggested behavior at the non-AP sideTGbe editor Please implement the changes as shown in doc 11-21/1443r0 tagged as 6293 |
| 5257 | Insun Jang | 　 | 0.00 | How does a non-AP STA affiliated with a non-AP MLD retrieve the information of critical updated? We need to design it | As in the comment, we need to design for non-AP MLD how to retrieve the critical update information, e.g., using ML probe request including the most recently stored BSS Parameters Change Count of the corresponding AP | Revised-Agree with the comment in general. Proposed resolution provides the suggested behavior at the non-AP sideTGbe editor Please implement the changes as shown in doc 11-21/1443r0 tagged as 5257 |

***Discussion：none***

**35.3.8 BSS parameter critical update procedure**

***TGbe editor: Please insert the following paragraph at the end of this subclause*** (#CID 6257 6293 5257)

When a STA affiliated with a non-AP MLD receives a BSS Parameter Change Count subfield for a certain AP that is affiliated with an AP MLD with which the non-AP MLD has performed multi-link setup and the value of the BSS Parameter Change Count subfield for the AP is different from the previously received value, then the non-AP MLD shall follow one of the following mechanisms:

—The STA affiliated with the non-AP MLD that is associated with the AP receives a Beacon frame or a Probe Response frame from the AP before transmitting a frame to the AP

—Any STA affiliated with the non-AP MLD sends a Probe Request frame (which may be an ML probe request or not) to its associated AP soliciting complete profile of the AP before the STA affiliated with the non-AP MLD that is associated with the AP intends to transmit a frame different than a Probe Request frame to the AP.