IEEE P802.11  
Wireless LANs

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| Proposed resolution for some comments in REVmf LB289 | | | | |
| Date: September 16, 2025 | | | | |
| Author(s): | | | | |
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Abstract

This submission proposes resolutions for following CIDs received for TGm LB289: 128 129 130 131 132

**Revisions:**

* Rev 0: Initial version of the document.

***TGm editor: Baseline for this document is REVmf D1.0***

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 TGm Draft. This introduction is not part of the adopted material.

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

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| **CID** | **Commenter** | **Clause** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 129 | Abhishek Patil | 9.4.2.323.2.4 | 1728 | 35 | The BSS Parameters Change Count subfield needs to be included in Link Reconfiguration Response frame. | Add "and a Link Reconfiguration Response frame" after "(Re)Association Response frame". | Accepted |
| 131 | Abhishek Patil | 35.3.6.4 | 5273 | 19 | When there is an update, the corresponding Op/Cap fields need to be present in the Common Info field. The 'may' in the two bullets on whether the (Extended) MLD Capabilities And Operations field is present when there is an update is incorrect. Instead, the bullets need to be updated to say 'shall' include the respective fields when there is an update other shall not include them. The non-AP 'may' include the fields otherwise (i.e., optional to include if there is no update). | Replace the two bullets as: -- Shall set the MLD Capabilities And Operations Present subfield to 1 in the Reconfiguration Multi-Link element if the non-AP MLD is updating its MLD capabilities and operations. Otherwise, the non-AP MLD may set the MLD Capabilities And Operations Present subfield to 0. -- Shall set the Extended MLD Capabilities And Operations Present subfield to 1 in the Reconfiguration Multi-Link element if the non-AP MLD is updating its extended MLD capabilities and operations. Otherwise, the non-AP MLD may set the Extended MLD Capabilities And Operations Present subfield to 0. | Accepted |
| 128 | Abhishek Patil | 9.4.2.35 | 1200 | 50 | The IEEE 802.11ax-2021 standard introduced several subfields in the BSSID Information field of the Neighbor Report element to support 6 GHz AP discovery. However, the descriptions (particularly for the subfield related to ESS membership with colocated APs) are difficult to interpret and may lead to inconsistent implementations. | Incorporate the changes as shown in 11-25/371r1 (which was presented during TGm call on 4/28). | **TGm editor, please make changes as shown in 11-25/0371r1** |
| 130 | Abhishek Patil | 35.3 | 5245 | 1 | The draft lacks sufficient guidance on the interaction between IEEE 802.11s mesh operation and IEEE 802.11be multi-link operation (MLO). Specifically, it is unclear how mesh path selection, forwarding, and peer link management are expected to function when MLO is enabled. This gap may lead to interoperability issues or inconsistent implementations. | Incorporate the changes as shown in 11-25/0132r3 (presented and discussed during the IEEE 802.11 Jan 2025 meeting). | **TGm editor, please make changes as shown in 11-25/0132r4** |
| 132 | Abhishek Patil | 35.3.9 | 5292 | 46 | Clause 35.3.9 disallows non-dynamic fragmentation when operating in MLO mode, but does not provide any guidance on how dynamic fragmentation is expected to function in this context. In practice, this lack of guidance prevents devices from using dynamic fragmentation effectively in MLO mode. A non-AP STA that requires fragmentation may be forced to disassociate and reassociate as a single-link STA to perform non-dynamic fragmentation, which is disruptive and degrades performance. This represents a significant gap in the specification. | Incorporate the changes as shown in 11-25/0373r1 (presented and discussed during the IEEE 802.11 March 2025 meeting). | **TGm editor, please make changes as shown in 11-25/0373r1** |

**9.4.2.323.2.4 Link Info field of the Basic Multi-Link element**

***TGm editor, please update the contents of the following paragraph in this subclause as shown below:***

The BSS Parameters Change Count Present subfield indicates the presence of the BSS Parameters Change Count subfield in the STA Info field. It is set to 1 if the BSS Parameters Change Count subfield is present in the STA Info field. Otherwise, it is set to 0. A non-AP STA sets this subfield to 0 in the Basic Multi-Link element that it transmits. An AP sets this subfield to 1 in the Basic Multi-Link element carried in a (Re)Association Response frame and a Link Reconfiguration Response frame and sets it to 0 in other frames.

**35.3.6.4 Link reconfiguration to the setup links**

***TGm editor, please update the contents of the following paragraph in this subclause as shown below:***

If the non-AP MLD is requesting to add a link in the Link Reconfiguration Request frame, then the non-AP MLD:

* Shall set the MLD Capabilities And Operations Present subfield to 1 in the Reconfiguration Multi-Link element if the non-AP MLD is updating its MLD capabilities and operations. Otherwise, the non-AP MLD may set the MLD Capabilities And Operations Present subfield to 0.
* Shall set the Extended MLD Capabilities And Operations Present subfield to 1 in the Reconfiguration Multi-Link element if the non-AP MLD is updating its extended MLD capabilities and operations. Otherwise, the non-AP MLD may set the Extended MLD Capabilities And Operations Present subfield to 0.