IEEE P802.11
Wireless LANs

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| LB 271 CR for ML Operation Update Request/Response frame. |
| Date: 2023-03-13 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Frank Hsu | Mediatek Inc.  |  |  | frank.hsu@mediatek.com |
| Jame Yee |  |  |  |

Abstract

This submission proposes resolutions for following 8 CIDs received for TGbe LB271:

15167 15387 15962 17785 17786

17787 17788 17789

Revision History:

* Rev 0: Initial version of the document

***TGbe editor: The baseline for this document is 11be D3.0***

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 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).***

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| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause** | **Pg/Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 15167 | Po-Kai Huang | 9.6.35.10 | 323.30 | Use non-AP STAs for STAs affiliated with a non-AP MLD. | Use non-AP STAs for STAs affiliated with a non-AP MLD. | Revised.Agree with the comment and accounted the suggestion to use “a non-AP STA affiliated with a non-AP MLD”.TGbe editor: please implement changes as shown in this document tagged 15167. |
| 15387 | John Wullert | 9.6.35.11 | 324.30 | Description of Dialog Token should follow format commonly used in base spec. | Replace description of Dialog Token with "The Dialog Token field is defined in 9.4.1.12 (Dialog Token field). It is set to the value of the DialogToken field in the corresponding Multi-Link Operation Update Request frame." | Revised.Agree with the comment and accounted the suggestion to revise the text to follow the format used in the baseline. TGbe editor: please implement changes as shown in this document tagged 15387. |
| 15962 | Binita Gupta | 9.6.35.10 | 323.30 | The text in this clause need to be revised to be more precise.Line 64 is referring to the wrong field name. | Line 30 - Update to "The Multi-Link Operation Update Request frame is sent by a STA affiliated with a non-AP MLD to update status or operation parameters of the STA or non-AP MLD as indicated by the Operation Update Type subfield in the included Reconfiguration Multi-Link element."Line 64: Update to "The Reconfiguration Multi-Link element is specified in9.4.2.312.4 (Reconfiguration Multi-Link element) and provides updated status or operation parameters for the STA or the non-AP MLD." | Revised.Agree with the comment and accounted the suggestion to improve the text to be more precise. TGbe editor: please implement changes as shown in this document tagged 15962. |
| 17785 | Brian Hart | 9.6.35.10 | 323.34 | "is shown" | "as shown" | Revised.Remove “is” to follow the format in the baseline. TGbe editor: please implement changes as shown in this document tagged 17785. |
| 17786 | Brian Hart | 9.6.35.10 | 323.59 | "is a set" is a typo | "is set to" | Revised.Accounted for the suggestion and revise the text to follow the baseline format. TGbe editor: please implement changes as shown in this document tagged 17786. |
| 17787 | Brian Hart | 9.6.35.10 | 323.59 | ", specified" is weak | Try "which is specified ..." | Revised.Agree in principle with the comment. TGbe editor: please implement changes as shown in this document tagged 17787. |
| 17788 | Brian Hart | 9.6.35.11 | 324.05 | Missing article | "the status or operation parameter update" | Accepted. |
| 17789 | Brian Hart | 9.6.35.11 | 324.34 | Ask ANA to assign this Status code | As in comment | Revised.Add the Status code and remove the ANA.TGbe editor: please implement changes as shown in this document tagged 17789. |

***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.***

**No Discussion:**

9.6.35.10 Multi-Link Operation Update Request frame format

The Multi-Link Operation Update Request frame is sent by a (#15167)non-AP STA affiliated with a non-AP MLD (#15962)to update the status or operation parameters of the non-AP STA(s) affiliated with the non-AP MLD as indicated in the Operation Update Type subfield in the Reconfiguration Multi-Link element. The Action field of the Multi-Link Operation Update Request frame contains the information (#17785) shown in [Table 9-623l (Multi-Link Operation Update Request frame](#bookmark285) [Action field format)](#bookmark285).

**Table 9-623l—Multi-Link Operation Update Request frame Action field format**

|  |  |
| --- | --- |
| **Order** | **Meaning** |
| 1 | Category |
| 2 | Protected EHT Action |
| 3 | Dialog Token |
| 4 | Reconfiguration Multi-Link element (see [9.4.2.312.4 (Reconfiguration Multi-Link element)](#bookmark195)) |

The Category field is defined in [9.4.1.11 (Action field)](#bookmark89).

The Protected EHT Action field is defined in [9.6.35.1 (Protected EHT Action field)](#bookmark275).

(#15387, 17786)　The Dialog Token field is defined in 9.4.1.12 (Dialog Token field). It is set to a nonzero value chosen by the STA sending the Multi-Link Operation Update Request frame to identify the request/response transaction.

(#15962, 17787) The Reconfiguration Multi-Link element is specified in 9.4.2.312.4 (Reconfiguration Multi-Link element) and contains the status or operation parameters to be updated of the STA.

9.6.35.11 Multi-Link Operation Update Response frame format

The Multi-Link Operation Update Response frame is sent by an AP affiliated with an AP MLD in response to a Multi-Link Operation Update Request frame to accept or to reject the request of (#17788)the status or operation parameter update in the Multi-Link Operation Update Request frame. The Action field of the Multi-Link Operation Update Response frame contains the information shown in [Table 9-623m (Multi-Link Operation](#bookmark286) [Update Response frame Action field format)](#bookmark286).

**Table 9-623m—Multi-Link Operation Update Response frame Action field format**

|  |  |
| --- | --- |
| **Order** | **Meaning** |
| 1 | Category |
| 2 | Protected EHT Action |
| 3 | Dialog Token |
| 4 | Status Code |

The Category field is defined in [9.4.1.11 (Action field)](#bookmark89).

The Protected EHT Action field is defined in [9.6.35.1 (Protected EHT Action field)](#bookmark275).

The Dialog Token field carries the same value as the Dialog Token field of the corresponding Multi-Link Operation Update Request frame.

The Status Code is defined in [9.4.1.9 (Status Code field)](#bookmark87) and is set to the value 0 (SUCCESS) or (#17789)141 (DENIED\_OPERATION\_PARAMETER\_UPDATE).