**IEEE P802.11
Wireless LANs**

|  |
| --- |
| LB271 CR for clause 6.3 |
| **Date**: April 27, 2023 |
| **Author(s):** |
| **Name** | **Affiliation** | **Address** | **Phone** | **email** |
| Yan Li | ZTE |  |  | li.yan16@zte.com.cn |
| Ke Tang |  |  |  |
| Zisheng Wang |  |  |  |
| Qisheng Huang  |  |  |  |

 **Abstract**

This submission proposes resolutions for following **6** CIDs received for TGbe LB271:

15055,15945,16321,16322,16323

**Revisions:**

* Rev 0: Initial version of the document.
* Rev 1: Suggestion from the meeting
* Rev 2: According to the discussion with Minyoung, additional resolution for table 9-60 is added under CID 15055

***TGbe editor: The baseline for this document is P802.11beD3.0***

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).***

***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.***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause** | **Pg/Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 15055 | Hao Wu | 6.3.3.3.2 | 82.09 | The primitive parameters in MLME-SCAN.confirm shall be in line with theelements in beacon frame. | Please insert Multi-link,TID-to-Link Mapping and Multi-Link Traffic Indication to untitled IBSS adoption table. | **Revised**Agree in principle. Corresponding elements should be added in the untitled IBSS adoption tableTo consistent with the spec,the MIB dot11 MultiLinkTIMActivated should be replaced with dot11MultiLinkTrafficIndicationActivated in the Table 9-60.**TGbe editor, please make the changes tagged by CID #15055 in 23/0716r2.** |
| 15945 | Binita Gupta | 6.3.136.2.2 | 127.23 | Change DeleteTimer to APRemovalTimer for this MLME | In the last round this change got missed. Make the change to be consistent in parameter naming with clause 35.3.6 and Reconfiguration ML element definition. | **Accepted****TGbe editor, please make the changes tagged by CID #15945 in 23/0716r1.** |
| 16321 | Juseong Moon | 6.3.5.2.3 | 83.63 | "a MLD" is not correct. | Please change as: "an MLD". | **Accepted****TGbe editor, please make the changes tagged by CID #16321 in 23/0716r1.** |
| 16322 | Juseong Moon | 6.3.6.2 | 86.14 | "a MLD" is not correct. | Please change as: "an MLD". | **Accepted****TGbe editor, please make the changes tagged by CID #16321 in 23/0716r1.** |
| 16323 | Juseong Moon | 6.3.9 | 97.34 | "a MLD" is not correct. | Please change as: "an MLD". | **Accepted****TGbe editor, please make the changes tagged by CID #16321 in 23/0716r1.** |
|  |  |  |  |  |  |  |

**9.3.3 (PV0) Management frames**

**9.3.3.2 Beacon frame format**

***Change the table as below:***

**Table 9-60—Beacon frame body**

|  |  |  |
| --- | --- | --- |
| Order | Information | Notes |
| ... | ... | ... |
| <Last assigned + 4> | Multi-Link Traffic Indication | The Multi-Link Traffic Indication element is present if(#15055)dot11MultiLinkTrafficIndicationActivated is true; otherwise it is not present. |
| ... | ... | ... |

**6.3.3 Scan**

**6.3.3.3 MLME-SCAN.confirm**

**6.3.3.3.2 Semantics of the service primitive**

***Insert the following rows to the untitled IBSS adoption table as follows:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Valid range | Description | IBSS adoption |
| EHT Capabilities | As defined in EHT Capabilities element | As defined in 9.4.2.313 (EHT Capabilities element) | The value from the EHT Capabilities element. The parameter is present if dot11EHTOptionImplemented is true and an EHT Capabilities element was present in the Probe Response or Beacon frame from which the BSSDescription was determined. Otherwise, the parameter is not present. | Do not adopt |
| EHT Operation | As defined in frame format | As defined in 9.4.2.311 (EHT Operation element) | The value from the EHT Operation element. The parameter is present if dot11EHTOptionImplemented is true and an EHT Operation element was present in the Probe Response or Beacon frame from which the BSSDescriptionSet was determined. Otherwise, the parameter is not present. | Adopt |
| (#15055)Multi-Link | As defined in frame format | As defined in 9.4.2.312 (Multi-Link element) | The value from the Multi-Link element. The parameter is present if dot11MultiLinkActivated is true, a Basic Multi-Link element was present and a Reconfiguration Multi-Link element was optionally present in the Probe Response or Beacon frame from which the BSSDescriptionSet was determined. Otherwise, the parameter is not present. | Do not adopt |
| (#15055)Multi-Link Traffic Indication | As defined in frame format | As defined in 9.4.2.315 (Multi-Link Traffic Indication element) | The value from the Multi-Link Traffic Indication element. The parameter is present if dot11MultiLinkTrafficIndicationActivated is true and a Multi-Link Traffic Indication element was present in the Probe Response or Beacon frame from which the BSSDescriptionSet was determined. Otherwise, the parameter is not present. | Do not adopt |
| (#15055)TID-To-Link Mapping | As defined in frame format | As defined in 9.4.2.314 (TID-To-Link Mapping element) | The value from the TID-To-Link Mapping element. The parameter is optionally present if dot11MultiLinkActivated is true, dot11TIDtoLinkMappingActivated is true, andone or two TID-To-Link Mapping elements were present in the Probe Response or Beacon frame from which the BSSDescriptionSet was determined. Otherwise, the parameter is not present. | Do not adopt |

**6.3.136 AP removal**

**6.3.136.2 MLME-BSS-AP-REMOVAL.request**

**6.3.136.2.2 Semantics of the service primitive**

***Change the primitive parameters as follows:***

The primitive parameters are as follows:

MLME-BSS-AP-REMOVAL.request(

BSSID,

(#15945)APRemovalTimer)

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| BSSID | MAC address | Any valid individual MAC address | The BSSID of the affiliated AP that is being requested to be removed. |
| (#15945)APRemovalTimer | Integer | 0–65 535 | Specifies the number of TBTTs of the affiliated AP until the AP is removed. |

**6.3.5 Authenticate**

**6.3.5.2 MLME-AUTHENTICATE.request**

**6.3.5.2.3 When generated**

***Change the first paragraph as follows:***

This primitive is generated by the SME for a STA to establish authentication with a specified peer MAC entity in order to permit Class 2 frames, or mesh peering Management frames for AMPE utilizing SAE authentication, to be exchanged between the two STAs; or for (#16321)an MLD to establish authentication with a specified peer MAC entity in order to permit Class 2 frames to be exchanged between the two MLDs.

**6.3.6 Deauthenticate**

**6.3.6.2 MLME-DEAUTHENTICATE.request**

**6.3.6.2.3 When generated**

***Change the first paragraph as follows:***

This primitive is generated by the SME for a STA to invalidate authentication with a specified peer MAC entity in order to prevent the exchange of Class 2 frames, or mesh peering Management frames for AMPE utilizing SAE authentication, between the two STAs; or for (#16321)an MLD to invalidate authentication with a specified peer MAC entity in order to prevent the exchange of Class 2 frames between the two MLDs. During the deauthentication procedure, the SME might generate additional MLME-DEAUTHENTICATE.request primitives.

**6.3.9 Disassociate**

**6.3.9.1 MLME-DISASSOCIATE.request**

**6.3.9.1.3 When generated**

***Change the first paragraph as follows:***

This primitive is generated by the SME for a STA to disassociate from a STA with which it has an association, or by the SME for (#16321)an MLD to disassociate from (#16321)an MLD with which it has an association.