### IEEE P802.11Wireless LANs

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| 11be D2.0 CR for clause 6.3 part 2 |
| Date: 2022-08-18 |
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Abstract

This submission proposes resolutions for the following 8 CID:

CIDs:10203,10449,12042,12043,12899,12952,12953,13301

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Offline discussion for CID 10203 with Yonggang
* Rev 2: Based on comment from Alfred

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 D2.0 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe D2.0 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** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 10203 | John Wullert | 108.57 | 6.3.132.7.4 | The description of the effect of receipt of the TID-to-Link Mapping Teardown indication does not seem to be correct. Given that this is a teardown, the effect should indicate that Peer has torn down the prior TID-to-Link mapping. | Replace sentence with "On receipt of this primitive, the MLD should revert to the default TID-to-Link mapping mode as described in 35.3.7.1.2 (Default mapping mode)." | **Revised-**Agree with the commenter in principle.According to similar text of Effect of receipt of MLME-SCS-TERM,indication,it is more appropriate to revise the sentence as below:On receipt of this primitive, the SME operates according to the procedure in '*detailed subclause*' .Same issue occured in the EPCS priority access subclause and should be revised.TGbe editor to make the changes under tag 10203 |
| 12899 | Payam Torab Jahromi | 105.53 | 6.3.132.3.1 | Change "autonomous" to "unsolicited" in 6.3.132 (3 places). The peer has autonomy true, but response in the context of tis clause is better worded as uncolicited. | Change "autonomous" to "unsolicited" in P105L53, P107L18, P107L53 | **Accepted-** |
| 10449 | Yonggang Fang | 95.24 | 6.3.82.2.1 | Please change to "This primitive requests transmission of an SCS Request frame to an AP which the STA is associated with, or to an affiliated AP of the specified peer MLD with which the MLD is associated." | in the comment. | **Revised-**Agree with the commenter in principle.The text is redundant or inaccurate,and it should be revised in unified style in BTM/SCS/MSCS subclause.TGbe editor to make the changes under tag 10449 |
| 12042 | Massinissa Lalam | 93.37 | 6.3.57.4.3 | The part "sent to a STA affiliated with the specified peer MLD with which the MLD is associated." is a bit confusing. BTM are sent from AP to STA, so using AP MLD and non-AP MLD could clarify a bit I suppose, e.g. "sent to a STA affiliated with the specified associated non-AP MLD." to be equivalent to the AP/associated non-AP STA part. Equivalent comment for BTM Response/SCS/MSCS through all this subclause where non-AP MLD and AP MLD may be used | As in comment | **Revised-**Agree with the commenter in principle.The text is redundant or inaccurate,and it should be revised in unified style in BTM/SCS/MSCS subclause.TGbe editor to make the changes under tag 10449 |
| 12043 | Massinissa Lalam | 93.49 | 6.3.57.4.4 | "an AP affiliated with the MLD attempts to transmit this to a non-AP STA affiliated with the peer MLD with which the MLD is associated on the corresponding link." Sentence is confusing here as well. Why not just say "an AP affiliated with the AP MLD attempts to transmit this to a non-AP STA affiliated with the associated non-AP MLD on the corresponding link.". Equivalent comment for BTM Response/SCS /MSCS | As in comment | **Revised-**Agree with the commenter in principle.The text is redundant or inaccurate,and it should be revised in unified style in BTM/SCS/MSCS subclause.TGbe editor to make the changes under tag 10449 |
| 12952 | Chunyu Hu | 93.29 | 6.3.57.4.1 | Improve the readability of "an affiliated STA of the specified peer MLD" | Change to "a STA affiliated with the specified peer MLD" | **Revised-**Agree with the commenter in principle.The text is redundant or inaccurate,and it should be revised in unified style in BTM/SCS/MSCS subclause.TGbe editor to make the changes under tag 10449 |
| 12953 | Chunyu Hu | 94.29 | 6.3.57.6.3 | Improve the readability of "an affiliated AP of the specified peer MLD" | Change to "an AP affiliated with the specified peer MLD" | **Revised-**Agree with the commenter in principle.The text is redundant or inaccurate,and it should be revised in unified style in BTM/SCS/MSCS subclause.TGbe editor to make the changes under tag 10449 |
| 13301 | Binita Gupta | 0.00 | 6.3 | Throughout 6.3.57, 6.3.82 and 6.3.116, make suggested edits shared on the doc IEEE 802.11-22/0546r2 with the author on 4/18/22 .to clarify references to AP MLD, non-AP MLD and other editorial changes to unify the text style and remove reference to '...associated on the corresponding link' which is misleading because association is at the MLD level. | As in comment | **Revised-**Agree with the commenter in principle.The text is redundant or inaccurate,and it should be revised in unified style in BTM/SCS/MSCS subclause.TGbe editor to make the changes under tag 10449 |

#### 6.3.132.7 MLME-TIDTOLINKMAPPINGTEARDOWN.indication

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

**6.3.132.7.4 Effect of receipt**

(#10203)On receipt of this primitive, the SME operates according to the procedure in 35.3.7.1 (TID-to-link mapping).

#### 6.3.131.7 MLME-EPCSPRIACCESSTEARDOWN.indication

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

**6.3.131.7.4 Effect of receipt**

(#10203)On receipt of this primitive, the SME operates according to the procedure in 35.17 (EPCS priority access).

### 6.3.57 BSS transition management

#### 6.3.57.2 MLME-BTMQUERY.request

**6.3.57.2.1 Function**

***Change as follows:***

This primitive requests transmission of a BSS Transition Management Query frame to the AP with which the STA is associated or to (#10449)an AP affiliated with the specified associated AP MLD.

**6.3.57.2.3 When generated**

***Change as follows:***

This primitive is generated by the SME to request that a BSS Transition Management Query frame be sent to the AP with which the STA is associated or be sent to an AP affiliated with (#10449)the specified associated AP MLD to initiate a BSS transition management procedure.

**6.3.57.2.4 Effect of receipt**

***Change as follows:***

On receipt of this primitive, the MLME constructs a BSS Transition Management Query frame. The STA then attempts to transmit the frame to the AP with which it is associated or a STA affiliated with the (#10449)non-AP MLD attempts to transmit this frame to an AP affiliated with the (#10449)associated AP MLD on the corresponding link.

#### 6.3.57.4 MLME-BTM.request

**6.3.57.4.1 Function**

***Change as follows:***

This primitive requests transmission of a BSS Transition Management Request frame to a non-AP STA or to (#10449)a STA affilitated with the specified associated non-AP MLD.

**6.3.57.4.3 When generated**

***Change as follows:***

This primitive is generated by the SME to request that a BSS Transition Management Request frame be sent to an associated non-AP STA or be sent to a STA affiliated with the specified (#10449)associated non-AP MLD. This request is sent either following the reception of an MLMEBTMQUERY. indication primitive or may be sent autonomously.

**6.3.57.4.4 Effect of receipt**

***Change as follows:***

On receipt of this primitive, the MLME constructs a BSS Transition Management Request frame. The STA then attempts to transmit this frame to the indicated non-AP STA or an AP affiliated with the (#10449)AP MLD attempts to transmit this to a non-AP STA affiliated with the (#10449)associated non-AP MLD on the corresponding link.

#### 6.3.57.6 MLME-BTM.response

**6.3.57.6.1 Function**

***Change as follows:***

This primitive requests transmission of a BSS Transition Management Response frame to the AP with which the STA is associated or to (#10449)an AP affiliated with the specified associated AP MLD.

**6.3.57.6.3 When generated**

***Change as follows:***

This primitive is generated by the SME to request that a BSS Transition Management Response frame be sent to the AP with which the STA is associated or be sent to (#10449)an AP affiliated with the specified associated AP MLD.

**6.3.57.6.4 Effect of receipt**

***Change as follows:***

On receipt of this primitive, the MLME constructs a BSS Transition Management Response frame. The non- AP STA then attempts to transmit this to the AP with which it is associated or a STA affiliated with the (#10449)non-AP MLD attempts to transmit this to an AP affiliated with the (#10449)associated AP MLD on the corresponding link.

#### 6.3.82.2 MLME-SCS.request

**6.3.82.2.1 Function**

***Change as follows:***

This primitive requests transmission of an SCS Request frame to an AP (#10449)with which the STA is associated or to an AP affiliated with the specified associated AP MLD.

**6.3.82.2.3 When generated**

***Change as follows:***

This primitive is generated by the SME to request that a SCS Request frame be sent to the AP with which the STA is associated or be sent to an AP affiliated with the specified (#10449)associated AP MLD.

**6.3.82.2.4 Effect of receipt**

***Change as follows:***

On receipt of this primitive, the MLME constructs a SCS Request frame. The STA then attempts to transmit this frame to the AP with which the STA is associated or a STA affiliated with the (#10449)non-AP MLD attempts to transmit this frame to an AP affiliated with the (#10449)associated AP MLD on the corresponding link.

**6.3.82.3 MLME-SCS.confirm**

**6.3.82.3.3 When generated**

***Change the second paragraph as follows:***

This primitive is generated when the STA receives a SCS Response frame from the AP or a STA affiliated with the (#10449)non-AP MLD receives a SCS Response frame from (#10449)an AP affiliated with the specified associated AP MLD.

#### 6.3.82.5 MLME-SCS.response

**6.3.82.5.1 Function**

***Change as follows:***

This primitive is generated in response to an MLME-SCS.indication primitive requesting an SCS Response frame be sent to a non-AP STA or be sent to (#10449)a STA affiliated with the specified associated non-AP MLD.

**6.3.82.5.3 When generated**

***Change as follows:***

This primitive is generated by the SME in response to an MLME-SCS.indication primitive requesting an SCS Response frame be sent to a non-AP STA or be sent to (#10449)a STA affiliated with the specified associated non-AP MLD.

**6.3.82.5.4 Effect of receipt**

***Change as follows:***

On receipt of this primitive, the MLME constructs a SCS Response frame. The STA then attempts to transmit this frame to the non-AP STA indicated by the PeerSTAAddress parameter or an AP affiliated with the (#10449)AP MLD attempts to transmit this frame to a non-AP STA affiliated with the (#10449)associated non-AP MLD on the corresponding link.

#### 6.3.82.6 MLME-SCS-TERM.request

**6.3.82.6.4 Effect of receipt**

***Change as follows:***

On receipt of this primitive, the MLME constructs an SCS Response frame. The STA then attempts to transmit this frame to the non-AP STA indicated by the PeerSTAAddress parameter or an AP affiliated with the (#10449)AP MLD attempts to transmit this frame to a non-AP STA affiliated with the (#10449)associated non-AP MLD on the corresponding link.

#### 6.3.82.7 MLME-SCS-TERM.indication

**6.3.82.7.1 Function**

***Change as follows:***

This primitive is generated by the MLME when an unsolicited SCS Response frame is received or a STA affiliated with the (#10449)non-AP MLD receives an unsolicited SCS Response frame from an AP affiliated with the (#10449)associated AP MLD on the corresponding link.

### 6.3.116 MSCS request and response procedure

#### 6.3.116.2 MLME-MSCS.request

**6.3.116.2.1 Function**

***Change as follows:***

This primitive requests transmission of an MSCS Request frame to an AP or to (#10449)an AP affiliated with the specified associated AP MLD.

**6.3.116.2.3 When generated**

***Change as follows:***

This primitive is generated by the SME to request that a MSCS Request frame be sent to the AP with which the STA is associated or be sent to an AP affiliated with the specified (#10449)associated AP MLD.

**6.3.116.2.4 Effect of receipt**

***Change as follows:***

On receipt of this primitive, the MLME constructs a MSCS Request frame. The STA then attempts to transmit this frame to the AP with which the STA is associated or a STA affiliated with the (#10449)non-AP MLD attempts to transmit this frame to an AP affiliated with the (#10449)associated AP MLD on the corresponding link.

#### 6.3.116.3 MLME-MSCS.confirm

**6.3.116.3.3 When generated**

***Change the second paragraph as follows:***

This primitive is generated when the STA receives a MSCS Response frame from the AP or a STA affiliated with the (#10449)non-AP MLD receives a MSCS Response frame from (#10449)an AP affiliated with the specified associated AP MLD.

#### 6.3.116.5 MLME-MSCS.response

**6.3.116.5.1 Function**

***Change as follows:***

This primitive is generated in response to an MLME-MSCS.indication primitive requesting an MSCS Response frame be sent to a non-AP STA or be sent to (#10449)a STA affiliated with the specified associated non-AP MLD.

**6.3.116.5.3 When generated**

***Change as follows:***

This primitive is generated by the SME in response to an MLME-MSCS.indication primitive requesting an MSCS Response frame be sent to a non-AP STA or be sent to (#10449)a STA affiliated with the specified associated non-AP MLD.

**6.3.116.5.4 Effect of receipt**

***Change as follows:***

On receipt of this primitive, the MLME constructs a MSCS Response frame. The STA then attempts to transmit this frame to the non-AP STA indicated by the PeerSTAAddress parameter or an AP affiliated with the (#10449)AP MLD attempts to transmit this frame to a non-AP STA affiliated with the (#10449)associated non-AP MLD on the corresponding link.

#### 6.3.116.6 MLME-MSCS-TERM.request

**6.3.116.6.4 Effect of receipt**

***Change as follows:***

On receipt of this primitive, the MLME constructs an MSCS Response frame. The STA then attempts to transmit this frame to the non-AP STA indicated by the PeerSTAAddress parameter or an AP affiliated with the (#10449)AP MLD attempts to transmit this frame to a non-AP STA affiliated with the (#10449)associated non-AP MLD on the corresponding link.

#### 6.3.116.7 MLME-MSCS-TERM.indication

**6.3.116.7.3 When generated**

***Change as follows:***

This primitive is generated when the STA receives an unsolicited MSCS Response frame from the AP or a STA affiliated with the (#10449)non-AP MLD receives an unsolicited MSCS Response frame from an AP affiliated with the (#10449)associated AP MLD on the corresponding link.

#### 6.3.132.3 MLME-TIDTOLINKMAPPING.confirm

**6.3.132.3.1 Function**

***Change as follows:***

This primitive indicates that a TID-To-Link Mapping Response frame has been received. That may be in response to an earlier MLME-TIDTOLINKMAPPING.request primitive or an (#12899)unsolicited response.

#### 6.3.132.5 MLME-TIDTOLINKMAPPING.response

**6.3.132.5.1 Function**

***Change as follows:***

This primitive is generated by the MLME to send a response. This may be in response to an MLME-TIDTOLINKMAPPING.indication primitive or an (#12899)unsolicited response.

**6.3.132.5.3 When generated**

***Change as follows:***

This primitive is generated by the SME to request a TID-To-Link Mapping Response frame be sent. That may be in response to an MLME-TIDTOLINKMAPPING.indication primitive or a request to transmit an (#12899)unsolicited response.