### IEEE P802.11 Wireless LANs

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| 11be D1.0 CR for 6.3.5 to 6.3.8 | | | | |
| Date: 2021-02-21 | | | | |
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Abstract

This submission proposes resolutions for the following 21 CIDs:

CIDs:5581,5582,5583,5584,5585,5586,6109,6110,6637,7759,7760,7761,7762,7763,7764,7765,7766,7767,7768,7769,7770

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Modify the resolution of CID 5582.
* Rev 2: Modify the resolution of CID 5585 based on the offline talk with John.

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 D1.4 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe D1.4 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** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 5581 | John Wullert | 53.12 | 6.3.5.1 | The word "with" should be removed from the phrase "entity can be with a STA that is not affiliated..." | Remove word "with" | **Revised-**  Mac entity,which is a portion of a STA, corresponds to the mac layer of the STA,hence mac entity does not equal to the STA.  The word ‘with’ may be confusing,so it is clearer to change the word ‘with’ to ‘within’.The same modification has been revised in subclause (6.3.7 and 6.3.39)  TGbe editor to make the changes shown in 11-21/0228r2 under the tag 5581 |
| 5582 | John Wullert | 53.13 | 6.3.5.1 | To be consistent with prior sentences, replace "the STA" with "a STA" in the phrase "can be the MAC address of the STA that is not affiliated with a MLD" | As in comment | **Revised-**  We revised the text accordingly and replaced ’the MLD address’ with ‘an MLD address’ in the next phrase ‘the MLD MAC address depending on the context’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 5582 |
| 5583 | John Wullert | 56.56 | 6.3.7.2.2 | Multiple descriptions of the Listen interval use the phrase "at least a STA". It would be clearer if this was rephrased to say "at least one STA". | As in comment. Also applies to identical instances in other tables (e.g., pages 59, 61, 63) | **Accepted-**  TGbe editor to make the changes shown in 11-21/0228r2 under the tag 5583 |
| 6110 | Mark Hamilton | 56.61 | 6.3.7.2.2 | "at least a" is confusing. | Change "at least a" to "at least one" | **Accepted-**  TGbe editor to make the changes shown in 11-21/0228r2 under the tag 6110 |
| 5584 | John Wullert | 57.03 | 6.3.7.2.2 | Descriptions of the EHTCapabilities parameter indicate that it specifies the "parameters in the EHT Capabilities element that are supported" but the information that is carried describes the features that are supported, not the parameters. | Specifies the EHT Capabilities supported by the EHT STA. (Apply same changes to identical instances in other tables.) | **Rejected-**  No change is needed for consistenc with the baseline (e.g. similar descriptions of the VHT Capabilities in IEEE Std 802.11-2020 P321 )  *Specifies the parameters in the VHT*  *Capabilities element that are supported by*  *the STA. The parameter is present if*  *dot11VHTOptionImplemented is true and*  *not present otherwise.*  The similar descriptions of the HE Capabilities in IEEE Std 802.11ax -2021 P49:  *Specifies the parameters in the HE*  *Capabilities element that are supported by*  *the STA. The parameter is present if*  *dot11HEOptionImplemented is true;*  *otherwise not present.* |
| 5585 | John Wullert | 57.08 | 6.3.7.2.2 | Descriptions of the MultiLink parameter indicate that it "Indicates the Multi-Link parameters" but the information that is carried describes the features that are supported, not the parameters. | "Indicates the Multi-Link capabilities supported by the MLD." (Apply same changes to identical instances in other tables.) | **Rejected-**  No change is needed for consistenc with the baseline (e.g. similar descriptions of the VHT Capabilities in IEEE Std 802.11-2020 P321 )  *Specifies the parameters in the VHT*  *Capabilities element that are supported by*  *the STA. The parameter is present if*  *dot11VHTOptionImplemented is true and*  *not present otherwise.*  The similar descriptions of the HE Capabilities in IEEE Std 802.11ax -2021 P49:  *Specifies the parameters in the HE*  *Capabilities element that are supported by*  *the STA. The parameter is present if*  *dot11HEOptionImplemented is true;*  *otherwise not present.* |
| 5586 | John Wullert | 58.26 | 6.3.7.3.2 | Typo "Provided" instead of "Provides" | As in comment | **Accepted-**  TGbe editor to make the changes shown in 11-21/0228r2 under the tag 5586 |
| 6109 | Mark Hamilton | 56.60 | 6.3.7.2.2 | Is an association \_for\_ a multi-link setup, or it \_is\_ a multi-link setup? And, what does it mean for a STA to be "associated with a multi-link setup"? From the way Association is modified, it appears that multi-link setup is a special kind of Association request/response. So, an association \_is\_ a muilt-link setup, or \_is not\_ a multi-link setup. | Delete "for a" in all occurrences of "is for a multi-link setup". Change "associated with the multi-link setup" to "included in the multi-link setup", throughout. | **Revised-**  The first comment is accepted,furthermore,the phrase ‘multi-link setup’ has been replaced with ‘MLD association’in D1.4  The second one is accepted.but no change is needed. Comparing to D1.0, D1.4 has deleted such phrase(i.e. associated with the multi-link setup)  corresponding sentence in D1.0:  *if all STAs affiliated with the MLD and associated with the multi-link setup enter power save mode*  TGbe editor to make the changes shown in 11-21/0228r2 under the tag 6109 |
| 6637 | Pooya Monajemi | 60.35 | 6.3.7.5.2 | An MLD association request may be responded with acceptance of only one link. In such a case a multi-link element is probably not needed. | Clarify if ML element is included in cases of one accepted link | **Rejected-**  In such a case,*the Status Code field included in the STA Profile subfield of the Per-STA Profile subelement shall indicate SUCCESS if the link is accepted or the failure cause if the link is not accepted(D1.4 P360L51)*.Therefore multi-link element can not be deleted  For more details ,please refer to corresponding clause（see 35.3.5.4 Usage and rules of Basic Multi-Link element in the context of multi-link (re)setup） |
| 7759 | Yanchao Xu | 53.35 | 6.3.5.2.2 | Please clarify the Basic variant Multi-Link Element is of local MLD in the MLME-AUTHENTICATE.request | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under the tag 7759 |
| 7760 | Yanchao Xu | 54.20 | 6.3.5.3.2 | Please clarify the Basic variant Multi-Link Element is of peer MLD in the MLME-AUTHENTICATE.confirm | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7760 |
| 7761 | Yanchao Xu | 55.58 | 6.3.5.4.2 | Please clarify the Basic variant Multi-Link Element is of peer MLD in the MLME-AUTHENTICATE.indication | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7761 |
| 7762 | Yanchao Xu | 55.29 | 6.3.5.5.2 | Please clarify the Basic variant Multi-Link Element is of local MLD in the MLME-AUTHENTICATE.response | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7762 |
| 7763 | Yanchao Xu | 56.08 | 6.3.7.2.2 | Please clarify the Basic variant Multi-Link Element is of local MLD in the MLME-ASSOCIATE.request | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7763 |
| 7764 | Yanchao Xu | 58.32 | 6.3.7.3.2 | Please clarify the Basic variant Multi-Link Element is of peer MLD in the MLME-REASSOCIATE.confirm | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7764 |
| 7765 | Yanchao Xu | 59.36 | 6.3.7.4.2 | Please clarify the Basic variant Multi-Link Element is of peer MLD in the MLME-ASSOCIATE.indication | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7765 |
| 7766 | Yanchao Xu | 60.35 | 6.3.7.5.2 | Please clarify the Basic variant Multi-Link Element is of local MLD in the MLME-ASSOCIATE.response | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7766 |
| 7767 | Yanchao Xu | 61.53 | 6.3.8.2.2 | Please clarify the Basic variant Multi-Link Element is of local MLD in the MLME-ReASSOCIATE.request | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7767 |
| 7768 | Yanchao Xu | 62.09 | 6.3.8.3.2 | Please clarify the Basic variant Multi-Link Element is of peer MLD in the MLME-REASSOCIATE.confirm | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7768 |
| 7769 | Yanchao Xu | 64.11 | 6.3.8.4.2 | Please clarify the Basic variant Multi-Link Element is of peer MLD in the MLME-REASSOCIATE.indication | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7769 |
| 7770 | Yanchao Xu | 65.13 | 6.3.8.5.2 | Please clarify the Basic variant Multi-Link Element is of local MLD in the MLME-ASSOCIATE.response | Please clarify it | **Revised-**  Agree in principle with the comment.  MLME-xxx.request and MLME-xxx.response include the primitive parameters of the local STA or the local MLD,while MLME-xxx.confirm and MLME-xxx.indication include the primitive parameters of the peer STA or the peer MLD.  It is clearer to precede ‘MLD’ with ‘local’/’peer’.  TGbe editor to make the changes shown in 11-21/0228r2 under tag 7770 |

**6.3.5 Authenticate**

**6.3.5.1 Introduction**

In 6.3.5 (Authenticate), the reference of a “STA” means the “STA” that is not affiliated with an MLD unless specified otherwise, and the reference of an “AP” means the AP that is not affiliated with an MLD unless specified otherwise. When referring to MLD management, the “SME” is the entity that manages the MLD. The peer MAC entity can be (#5581)within a STA that is not affiliated with an MLD or an MLD depending on the context. The PeerSTAAddress can be the MAC address of (#5582)a STA that is not affiliated with an MLD or an MLD MAC address depending on the context.

#### 6.3.5.2 MLME-AUTHENTICATE.request

**6.3.5.2.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| MultiLink | Basic Multi-Link element(#6700) | As defined in 9.4.2.312 (Multi-Link element) | Indicates the Multi-Link parameters of the(#7759) local MLD. This parameter is present if dot11MultiLinkActivated is true and is absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

#### 6.3.5.3 MLME-AUTHENTICATE.confirm

**6.3.5.3.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| MultiLink | Basic Multi-Link element(#6700) | As defined in 9.4.2.312 (Multi-Link element) | Indicates the Multi-Link parameters of the (#7760) peer MLD. This parameter is present if dot11MultiLinkActivated is true and is absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

#### 6.3.5.4 MLME-AUTHENTICATE.indication

**6.3.5.4.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| MultiLink | Basic Multi-Link element(#6700) | As defined in 9.4.2.312 (Multi-Link element) | Indicates the Multi-Link parameters of the(#7761) peer MLD. This parameter is present if dot11MultiLinkActivated is true and is absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

#### 6.3.5.5 MLME-AUTHENTICATE.response

**6.3.5.5.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| MultiLink | Basic Multi-Link element(#6700) | As defined in 9.4.2.312 (Multi-Link element) | Indicates the Multi-Link parameters of the (#7762) local MLD. This parameter is present if dot11MultiLinkActivated is true and is absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

#### **6.3.7 Associate**

#### **6.3.7.1 Introduction**

#### In 6.3.7 (Associate), the reference of a “STA” means the “STA” that is not affiliated with an MLD unless specified otherwise, and the reference of an “AP” means the AP that is not affiliated with an MLD unless specified otherwise. When referring to MLD management, the “SME” is the entity that manages the MLD. The peer MAC entity can be (#5581)within a STA that is not affiliated with an MLD or an MLD depending on the con-text. The PeerSTAAddress can be the MAC address of (#5582)a STA that is not affiliated with an MLD or (#5582)an MLD MAC address depending on the context.

#### 6.3.7.2 MLME-ASSOCIATE.request

**6.3.7.2.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| ListenInterval | Integer | ≥0 | Specifies how often the STA awakens and listens for the next Beacon frame, if it enters power save mode when an association is not (#6109) an MLD association (see 11.3 (STA authenticationAuthentication and association(#2277)))(#8222).  Specifies how often at least (#5583,#6110)one STA affiliated with the MLD awakens and listens for the next Beacon frame, if all STAs affiliated with the MLD enter power save mode when an association is (#6109) an MLD association (see 11.3 (STA authenticationAuthentication and association(#2277)))(#8222). |
| ... |  |  |  |
| EHTCapabilities | As defined in EHT  Capabilities element | As defined in  9.4.2.313 (EHT  Capabilities  element(#4819)) | Specifies the parameters in the EHT  Capabilities element that are supported by  the STA. The parameter is present if  dot11EHTOptionImplemented is true;  otherwise not present. |
| MultiLink | Basic Multi-Link  element(#6700) | As defined in  9.4.2.312 (Multi-  Link element) | Indicates the Multi-Link parameters of  the(#7763) local MLD. This parameter is present if  dot11MultiLinkActivated is true and is  absent otherwise. |
|  |  |  |  |
| VendorSpecificInfo | A set of elements | As defined in  9.4.2.25 (Vendor  Specific element) | Zero or more elements. |

#### 6.3.7.3 MLME-ASSOCIATE.confirm

**6.3.7.3.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| EHTOperation | EHT Operation element | As defined in 9.4.2.295a (EHT Operation element) | (#5586)Provides additional information for operating the EHT BSS. This parameter is present if dot11EHTOptionImplemented is true; otherwise not present. |
| MultiLink | Basic Multi-Link  element(#6700) | As defined in  9.4.2.312 (Multi-  Link element) | Indicates the Multi-Link parameters of  the (#7764) peer MLD. This parameter is present if  dot11MultiLinkActivated is true and is  absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

#### 6.3.7.4 MLME-ASSOCIATE.indication

**6.3.7.4.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| ListenInterval | Integer | ≥0 | Specifies how often the STA awakens and listens for the next Beacon frame, if it enters power save mode when an association is not (#6109) an MLD association (see 11.3 (STA authenticationAuthentication and association(#2277)))(#8222).  Specifies how often at least (#5583,#6110)one STA affiliated with the MLD awakens and listens for the next Beacon frame, if all STAs affiliated with the MLD enter power save mode when an association is (#6109) an MLD association (see 11.3 (STA authenticationAuthentication and association(#2277)))(#8222). |
| ... |  |  |  |
| MultiLink | Basic Multi-Link  element(#6700) | As defined in  9.4.2.312 (Multi-  Link element) | Indicates the Multi-Link parameters of the  (#7765)peer MLD. This parameter is present if  dot11MultiLinkActivated is true and is  absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

#### 6.3.7.5 MLME-ASSOCIATE.response

**6.3.7.5.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| MultiLink | Basic Multi-Link  element(#6700) | As defined in  9.4.2.312 (Multi-  Link element) | Indicates the Multi-Link parameters of  the (#7766) local MLD. This parameter is present if  dot11MultiLinkActivated is true and is  absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

#### 6.3.8.2 MLME-REASSOCIATE.request

**6.3.8.2.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| ListenInterval | Integer | ≥0 | Specifies how often the STA awakens and listens for the next Beacon frame, if it enters power save mode when an association is not (#6109) an MLD association (see 11.3 (STA authenticationAuthentication and association(#2277)))(#8222).  Specifies how often at least (#5583,#6110)one STA affiliated with the MLD awakens and listens for the next Beacon frame, if all STAs affiliated with the MLD enter power save mode when a reassociation is (#6109) an MLD association (see 11.3 (STA authenticationAuthentication and association(#2277)))(#8222). |
| ... |  |  |  |
| MultiLink | Basic Multi-Link  element(#6700) | As defined in  9.4.2.312 (Multi-  Link element) | Indicates the Multi-Link parameters of  the (#7767) local MLD. This parameter is present if  dot11MultiLinkActivated is true and is  absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

#### 6.3.8.3 MLME-REASSOCIATE.confirm

**6.3.8.3.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| EHTOperation | EHT Operation element | As defined in 9.4.2.311 (EHT Operation element) | (#5586)Provides additional information for operating the EHT BSS. This parameter is present if dot11EHTOptionImplemented is true; otherwise not present. |
| MultiLink | Basic Multi-Link  element(#6700) | As defined in  9.4.2.312 (Multi-  Link element) | Indicates the Multi-Link parameters of  the (#7768) peer MLD. This parameter is present if  dot11MultiLinkActivated is true and is  absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

#### 6.3.8.4 MLME-REASSOCIATE.indication

**6.3.8.4.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| ListenInterval | Integer | ≥0 | Specifies how often the STA awakens and listens for the next Beacon frame, if it enters power save mode when an association is not (#6109) an MLD association (see 11.3 (STA authenticationAuthentication and association(#2277)))(#8222).  Specifies how often at least (#5583,#6110)one STA affiliated with the MLD awakens and listens for the next Beacon frame, if all STAs affiliated with the MLD enter power save mode when a reassociation is (#6109) an MLD association (see 11.3 (STA authenticationAuthentication and association(#2277)))(#8222). |
| ... |  |  |  |
| MultiLink | Basic Multi-Link  element(#6700) | As defined in  9.4.2.312 (Multi-  Link element) | Indicates the Multi-Link parameters of  the (#7769) peer MLD. This parameter is present if  dot11MultiLinkActivated is true and is  absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

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#### 6.3.8.5 MLME-REASSOCIATE.response

**6.3.8.5.2 Semantics of the service primitive**

Change the primitive parameters as follows (not all existing parameters are shown):

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ... |  |  |  |
| MultiLink | Basic Multi-Link  element(#6700) | As defined in  9.4.2.312 (Multi-  Link element) | Indicates the Multi-Link parameters of  the (#7770) local MLD. This parameter is present if  dot11MultiLinkActivated is true and is  absent otherwise. |
| VendorSpecificIn  fo | A set of  elements | As defined in 9.4.2.25 (Vendor Specific  element) | Zero or more elements. |

**6.3.39 SA Query support**

**6.3.39.1 General**

In 6.3.39 (SA Query support), the reference of a “STA” means the “STA” that is not affiliated with an MLD unless specified otherwise, and the reference of an “AP” means the AP that is not affiliated with an MLD unless specified otherwise. When referring to MLD management, the “SME” is the entity that manages the MLD. The peer MAC entity can be (#5581)within a STA that is not affiliated with an MLD or an MLD depending on the context. The PeerSTAAddress can be the MAC address of (#5582)a STA that is not affiliated with an MLD or an MLD MAC address depending on the context.