IEEE P802.11  
Wireless LANs

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| --- | --- | --- | --- | --- |
| Proposed draft 11be spec text for MLME SAP – Association-1 | | | | |
| Date: 2020-10-15 | | | | |
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Abstract

This contribution proposes the draft specification text of MLME SAP for TGbe draft.

Revisions:

* Rev 0: Initial version of the document. This contribution is to address the comment on 11-20/1611 about missing EHT Operation element in the association of MLME SAP.
* Rev 1: change TBD to dot11EHTOptionImplemented .

**Proposed spec text:**

The baseline for this text is 802.11 REVmd draft 5.0.

**6.3.7 Associate**

***TGbe editor: Modify the following subclauses as follows***

**6.3.7.3 MLME-ASSOCIATE.confirm**

***TGbe editor: Modify the following subclauses as follows***

* Semantics of the service primitive

The primitive parameters are as follows:

MLME-ASSOCIATE.confirm(

ResultCode,

…

EHTOperation,

…

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ResultCode | Enumeration | SUCCESS,  REFUSED\_REASON\_UNSPECIFIED,  REFUSED\_NOT\_AUTHENTICATED,  REFUSED\_CAPABILITIES\_MISMAT  CH,  REFUSED\_EXTERNAL\_REASON,  REFUSED\_AP\_OUT\_OF\_MEMORY,  REFUSED\_BASIC\_RATES\_MISMAT  CH,  REJECTED\_EMERGENCY\_SERVICE  S\_  NOT\_SUPPORTED,  REFUSED\_TEMPORARILY | Indicates the result of the MLMEASSOCIATE.  request primitive. |
| … |  |  |  |
| EHTOperation | EHT Operation element | As defined in 9.4.2.x (EHT Operation element) | Provides additional information for operating the EHT BSS. This parameter is present if dot11EHTOptionImplemented is true ; otherwise not present. |
| … |  |  |  |
| VendorSpecificInfo | A set of elements | As defined in 9.4.2.25  (Vendor Specific element) | Zero or more elements. |

**6.3.7.4 6.3.7.5 MLME-ASSOCIATE.response**

***TGbe editor: Modify the following subclauses as follows***

* Semantics of the service primitive

The primitive parameters are as follows:

MLME-ASSOCIATE.response (

PeerSTAAddress,

…

EHTOperation,

…

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| PeerSTAAddress | MacAddress | Any valid individual MAC address | Specifies the address of the peer MAC  entity from which the association request  was received. |
| … |  |  |  |
| EHTOperation | EHT Operation element | As defined in 9.4.2.x (EHT Operation element) | Provides additional information for operating the EHT BSS. This parameter is present if dot11EHTOptionImplemented is true ; otherwise not present. |
| … |  |  |  |
| VendorSpecificInfo | A set of elements | As defined in 9.4.2.25  (Vendor Specific element) | Zero or more elements. |

**6.3.8 Reassociate**

***TGbe editor: Modify the following subclause as follows***

**6.3.8.3 MLME-REASSOCIATE.confirm**

***TGbe editor: Modify the following subclauses as follows***

* Semantics of the service primitive

The primitive parameters are as follows:

MLME-REASSOCIATE.confirm(

ResultCode,

…

EHTOperation,

…

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| ResultCode | Enumeration | SUCCESS,  REFUSED\_REASON\_UNSPE  CIFIED,  REFUSED\_NOT\_AUTHENTI  CATED,  REFUSED\_CAPABILITIES\_M  ISMATCH,  REFUSED\_EXTERNAL\_REA  SON,  REFUSED\_AP\_OUT\_OF\_ME  MORY,  REFUSED\_BASIC\_RATES\_MI  SMATCH,  REJECTED\_EMERGENCY\_S  ERVICES\_NOT\_SUPPORTED,  REFUSED\_TEMPORARILY | Indicates the result of the MLMEREASSOCIATE.  request primitive. |
| … |  |  |  |
| EHTOperation | EHT Operation element | As defined in 9.4.2.x (EHT Operation element) | Provides additional information for operating the EHT BSS. This parameter is present if dot11EHTOptionImplemented is true ; otherwise not present. |
| … |  |  |  |
| VendorSpecificInfo | 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**

***TGbe editor: Modify the following subclauses as follows***

**6.3.8.5 MLME-REASSOCIATE.response**

***TGbe editor: Modify the following subclauses as follows***

* Semantics of the service primitive

The primitive parameters are as follows:

MLME-REASSOCIATE.response(

PeerSTAAddress,

ResultCode,

EHTOperation,

...

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| PeerSTAAddress | MacAddress | Any valid individual MAC address | Specifies the address of the peer MAC  entity from which the reassociation  request was received. |
| ResultCode | Enumeration | SUCCESS,  REFUSED\_REASON\_UNSP  ECIFIED,  REFUSED\_CAPABILITIES  \_MISMATCH,  REFUSED\_EXTERNAL\_RE  ASON,  REFUSED\_AP\_OUT\_OF\_M  EMORY,  REFUSED\_BASIC\_RATES\_  MISMATCH(#4742),  REJECTED\_EMERGENCY  \_SERVICES\_NOT\_SUPPOR  TED,  REFUSED\_TEMPORARILY | Res Indicates the result response to the  reassociation request from the peer MAC entity. |
| … |  |  |  |
| EHTOperation | EHT Operation element | As defined in 9.4.2.x (EHT Operation element) | Provides additional information for operating the EHT BSS. This parameter is present if dot11EHTOptionImplemented is true ; otherwise not present. |
| ... |  |  |  |
| VendorSpecificInfo | A set of elements | As defined in 9.4.2.25  (Vendor Specific element) | Zero or more elements. |

**Straw Poll: Do you support to incorporate the proposed draft text in this document to the TGbe Draft 0.1?**

**Result: Yes/No/Abstain**