IEEE P802.11
Wireless LANs

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| Proposed draft 11be spec text for MLME SAP –fix the TBDs in Association and Reassociation |
| Date: 2021-01-03 |
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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 TBDs in the association and reassociation of MLME SAP

**Proposed spec text:**

The baseline for this text is 802.11 REVmd draft 5.0 and Draft P802.11be.

**6.3.7 Associate**

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

**6.3.7.2 MLME-ASSOCIATE.request**

**6.3.7.2.2 Semantics of the service primitive**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| EHTCapabilities | EHT Capabilities element | As defined in 9.4.2.247c (EHT Capabilities element) | 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. |

**6.3.7.3 MLME-ASSOCIATE.confirm**

**6.3.7.3.2 Semantics of the service primitive**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| EHTCapabilities | EHT Capabilities element | As defined in 9.4.2.247c (EHT Capabilities element) | Specifies the parameters in the EHT Capabilities element that are supported by the peer STA. The parameter is present if dot11EHTOptionImplemented is true; otherwise not present. |

**6.3.7.4 MLME-ASSOCIATE.indication**

**6.3.7.4.2 Semantics of the service primitive**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| EHTCapabilities | EHT Capabilities element | As defined in 9.4.2.247c (EHTCapabilities element) | Specifies the parameters in the EHT Capabilities element that are supported by the peer STA. The parameter is present if dot11EHTOptionImplemented is true; otherwise not present. |

**6.3.7.5 MLME-ASSOCIATE.response**

**6.3.7.5.2 Semantics of the service primitive**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| EHTCapabilities | EHT Capabilities element | As defined in 9.4.2.247c (EHT Capabilities element) | 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. |

**6.3.8 Reassociate**

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

**6.3.8.2 MLME-REASSOCIATE.request**

**6.3.8.2.2 Semantics of the service primitive**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| EHTCapabilities | EHT Capabilities element | As defined in 9.4.2.247c (HE Capabilities element) | 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. |

**6.3.8.3 MLME-REASSOCIATE.confirm**

**6.3.8.3.2 Semantics of the service primitive**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| EHTCapabilities | EHT Capabilities element | As defined in 9.4.2.247c (HE Capabilities element) | Specifies the parameters in the EHT Capabilities element that are supported by the peer STA. The parameter is present if dot11EHTOptionImplemented is true; otherwise not present. |

**6.3.8.4 MLME-REASSOCIATE.indication**

**6.3.8.4.2 Semantics of the service primitive**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| EHTCapabilities | EHT Capabilities element | As defined in 9.4.2.247c (EHT Capabilities element) | Specifies the parameters in the EHT Capabilities element that are supported by the peer STA. The parameter is present if dot11EHTOptionImplemented is true; otherwise not present. |

**6.3.8.5 MLME-REASSOCIATE.response**

**6.3.8.5.2 Semantics of the service primitive**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
| EHTCapabilities | EHT Capabilities element | As defined in 9.4.2.247c (EHT Capabilities element) | 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. |

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

**Result: Yes/No/Abstain**