IEEE P802.11
Wireless LANs

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| LB266-CR-for-Clause-6.3.131 |
| Date: 2022-11-07 |
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Abstract

This submission proposes CR for CID 12589, 12590 (LB266).

Revisions:

Rev 0: Initial version of the document.

Rev 1: several modifications following offline discussion,

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.***

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| **CID** | **Commenter** | **Pg/Ln** | **Section** | **Comment** | **Proposed Change** | **Resolution** |
| 12589 | Arik Klein | 101/23 | 6.3.131.2.2 | The PeerSTAAddress is required only in case that the AP MLD or EHT AP initiates the EPCS priority access (in order to define with which non-AP MLD / EHT non-AP STA it will initiate the EPCS priority access service).However, in case the non-AP MLD or EHT non-AP STA initiates the EPCS priority access - this parameter is not required (since there is only one known option for the PeerSTA). | Add a note in the parameters table of the MLME-EPCSPRIACCESSENABLE.request primitive that PeerSTAAddress is mandatory only if the MLME of the AP MLD / EHT AP initiates the primitive (otherwise - it can be omitted) | **Revised**Agree in principle with the comment. Add a note to emphasize that this is an optional parameter only if the primitive is initiated by the non-AP MLD and the Peer STAAddress indicates the MAC address of the associated AP MLD. Otherwise – this parameter is present.In addition, need to add this note also to MLME-EPCSPRIACCESSENABLE.confirm, MLME-EPCSPRIACCESSENABLE.indication, MLME-EPCSPRIACCESSENABLE.response**TGbe editor please implement changes as shown in doc 11-22/1877r1 tagged as 12589.** |
| 12590 | Arik Klein | 104/11 | 6.3.131.2.2 | The PeerSTAAddress is required only in case that the AP MLD or EHT AP initiates the teardown of the EPCS priority access (in order to define with which non-AP MLD / EHT non-AP STA it will terminate the EPCS priority access service).However, in case the non-AP MLD or EHT non-AP STA initiates the tear-down of the EPCS priority access - this parameter is not required (since there is only one known option for the PeerSTA). | Add a note in the parameters table of the MLME-EPCSPRIACCESSTEARDOWN.request primitive that PeerSTAAddress is mandatory only if the MLME of the AP MLD / EHT AP initiates the primitive (otherwise - it can be omitted) | **Revised**Agree in principle with the comment. Add a note to emphasize that this is an optional parameter only if the primitive is initiated by the non-AP MLD and the Peer STAAddress indicates the MAC address of the associated AP MLD. Otherwise – this parameter is present.In addition, need to add this note also to MLME-EPCSPRIACCESSTEARDOWN.indication**TGbe editor please implement changes as shown in doc 11-22/1877r1 tagged as 12590.** |

*TGbe editor: Please note baseline is 11be D2.2 and REVme D**2.0*

* + - 1. **MLME-EPCSPRIACCESSENABLE.request**
				1. **Function**

This primitive initiates a request to a peer MAC entity to enable EPCS priority access.

* + - * 1. **Semantics of the service primitive**

***TGbe editor: Please update the contents of the following paragraph in this subclause as shown below:***

The primitive parameters are as follows:

MLME-EPCSPRIACCESSENABLE.request(

PeerSTAAddress, Dialog Token,

(#10199)PriorityAccessMultiLink

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** |
| PeerSTAAddress | MAC address | Any valid individual MAC address | Specifies the address of the peer MAC entity with which the EPCS priority access procedure is performed.(#12589) This parameter is optional when the primitive is initiated by the SME of non-AP MLD and the PeerSTAAddress indicates the MAC address of the associated AP MLD. Otherwise – this parameter is present. |
| Dialog Token | Integer | 0–255 | The dialog token to identify the EPCS priority access procedure. |
| (#10199)PriorityA ccessMultiLink | Priority Access Multi-Link element | As defined in 9.4.2.312.6 (Priority Access Multi-Link element) | Specifies the EDCA Parameter sets used by EPCS priority access. (#11793)This parameter is optionally present if the primitive is generated by an AP MLD, and not present otherwise (see 35.16.2.2 (Setup procedures for EPCS priority access)). |

* + - 1. **MLME-EPCSPRIACCESSENABLE.confirm**
				1. **Function**

This primitive reports the response to a request to enable EPCS priority access with a peer MAC entity.

* + - * 1. **Semantics of the service primitive**

***TGbe editor: Please update the contents of the following paragraph in this subclause as shown below:***

The primitive parameters are as follows:

MLME-EPCSPRIACCESSENABLE.confirm(

PeerSTAAddress, Dialog Token, Status Code,

(#10199)PriorityAccessMultiLink

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** |
| PeerSTAAddress | MAC address | Any valid individual MAC address | Specifies the address of the peer MAC entity with which the EPCS priority access procedure is performed.(#12589) This parameter is optional when the primitive is initiated by the MLME of non-AP MLD and the PeerSTAAddress indicates the MAC address of the associated AP MLD. Otherwise – this parameter is present. |
| Dialog Token | Integer | 0–255 | The dialog token to identify the EPCS priority access procedure. |
| Status Code | As defined in frame format | As defined in 9.4.1.9 (Status Code field) | Indicates the status of the request procedure |
| (#10199)PriorityA ccessMultiLink | Priority Access Multi-Link element | As defined in 9.4.2.312.6 (Priority Access Multi-Link element) | Specifies the EDCA Parameter sets used by EPCS priority access. |

* + - 1. **MLME-EPCSPRIACCESSENABLE.indication**
				1. **Function**

This primitive indicates that a request to enable EPCS priority access has been received from a peer MAC entity.

* + - * 1. **Semantics of the service primitive**

***TGbe editor: Please update the contents of the following paragraph in this subclause as shown below:***

The primitive parameters are as follows:

MLME-EPCSPRIACCESSENABLE.indication(

PeerSTAAddress, Dialog Token,

(#10199)PriorityAccessMultiLink

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** |
| PeerSTAAddress | MAC address | Any valid individual MAC address | Specifies the address of the peer MAC entity with which the EPCS priority access procedure is performed.(#12589) This parameter is optional when the primitive is initiated by the MLME of non-AP MLD and the PeerSTAAddress indicates the MAC address of the associated AP MLD. Otherwise – this parameter is present. |
| Dialog Token | Integer | 0–255 | The dialog token to identify the EPCS priority access procedure. |
| (#10199)PriorityA ccessMultiLink | Priority Access Multi-Link element | As defined in 9.4.2.312.6 (Priority Access Multi-Link element) | Specifies the EDCA Parameter sets used by EPCS priority access. |

* + - 1. **MLME-EPCSPRIACCESSENABLE.response**
				1. **Function**

This primitive is generated by the MLME to send a response to a peer MAC entity that sent a request to ena- ble EPCS priority access.

* + - * 1. **Semantics of the service primitive**

***TGbe editor: Please update the contents of the following paragraph in this subclause as shown below:***

The primitive parameters are as follows:

MLME-EPCSPRIACCESSENABLE.response(

PeerSTAAddress, Dialog Token, Status Code,

(#10199)PriorityAccessMultiLink

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** |
| PeerSTAAddress | MAC address | Any valid individual MAC address | Specifies the address of the peer MAC entity with which the EPCS priority access procedure is performed.(#12589) This parameter is optional when the primitive is initiated by the SME of non-AP MLD and the PeerSTAAddress indicates the MAC address of the associated AP MLD. Otherwise – this parameter is present. |
| Dialog Token | Integer | 0–255 | The dialog token to identify the EPCS priority access procedure. |
| Status Code | As defined in frame format | As defined in 9.4.1.9 (Status Code field) | Indicates the status of the request procedure |
| (#10199)PriorityA ccessMultiLink | Priority Access Multi-Link element | As defined in 9.4.2.312.6 (Priority Access Multi-Link element) | Specifies the EDCA Parameter sets used by EPCS priority access. (#11793)This parameter is optionally present if the primitive is generated by an AP MLD, and not present otherwise (see 35.16.2.2 (Setup procedures for EPCS priority access)). |

* + - 1. **MLME-EPCSPRIACCESSTEARDOWN.request**
				1. **Function**

This primitive instructs a peer MAC entity to tear down EPCS priority access.

* + - * 1. **Semantics of the service primitive**

***TGbe editor: Please update the contents of the following paragraph in this subclause as shown below:***

The primitive parameters are as follows:

MLME-EPCSPRIACCESSTEARDOWN.request(

PeerSTAAddress

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** |
| PeerSTAAddress | MAC address | Any valid individual MAC address | Specifies the address of the peer MAC entity with which the EPCS priority access procedure is performed.(#12590) This parameter is optional when the primitive is initiated by the SME of non-AP MLD and the PeerSTAAddress indicates the MAC address of the associated AP MLD. Otherwise – this parameter is present. |

* + - 1. **MLME-EPCSPRIACCESSTEARDOWN.indication**
				1. **Function**

This primitive indicates that a peer MAC entity is tearing down EPCS priority access.

* + - * 1. **Semantics of the service primitive**

***TGbe editor: Please update the contents of the following paragraph in this subclause as shown below:***

The primitive parameters are as follows:

MLME-EPCSPRIACCESSTEARDOWN.indication(

PeerSTAAddress

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** |
| PeerSTAAddress | MAC address | Any valid individual MAC address | Specifies the address of the peer MAC entity with which the EPCS priority access procedure is performed.(#12590) This parameter is optional when the primitive is initiated by the MLME of non-AP MLD and the PeerSTAAddress indicates the MAC address of the associated AP MLD. Otherwise – this parameter is present. |

Straw Poll:

Do you support to incorporate the proposed draft text in this document 11-22/1877r1 to the next revision of TGbe Draft 2.2, for addressing the following CIDs: 12589, 12590?

Result: Yes/No/Abstain