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| CR for CID16 |
| Date: 2023-3-15 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Jay Yang | Nokia |  |  | yang.zhijie@nokia-sbell.com |
| Orhan Okan Mutgan | Nokia |  |  | okan.mutgan@nokia-sbell.com |
| Liu Jianguo | Nokia |  |  | jianguo.a.liu@nokia-sbell.com |

Abstract

This submission proposes resolutions for the following CIDs:

16

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 TGbh D0.2 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbh D0.2 Draft. (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbh Editor: Editing instructions preceded by “TGbh Editor” are instructions to the TGbh editor to modify existing material in the TGbh draft. As a result of adopting the changes, the TGbh editor will execute the instructions rather than copy them to the TGbh Draft.***

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| --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Comment** | **Proposed Change** | **Resolution** |
| 16 | Graham Smith | Device ID is presumably allocated by a higher level app. Hence I think we need to have an MLME-SAP primitive that provides the ID for the AP to send to the non-AP STA, and then receives the ID when the non-AP STA sends it to the AP. | Add new MLME-DEVICEID primitives. Note, ARC and 11me is working on simplifying this section. I suspect requirement is an MLME-DEVICEIDALLOCATE.request and an MLME-DEVICEID.indication (a type 2a and a type 6) | Revised—Device ID is a new parameter in association request/response frame in FILS mode, we can add Device ID in MLME-Association and MLME-Reassociation primitive to meet the commenter’s requirement. The 11bh draft0.2 SPEC already provide Device ID in MLME-Association primitive, we propose to update in MLME-Association primitive and add Device ID in MLME-Reassociation primitive.TGbh editor to make the changes shown in 11-23/0459r1 and 452r1 |

**6.3.7 Associate**

**6.3.7.2 MLME-ASSOCIATE.request**

**6.3.7.2.2 Semantics of the service primitive**

The primitive parameters are as follows:

MLME-ASSOCIATE.request(

….

CDMG Capabilities,

CMMG Capabilities,

GLK-GCR Parameter Set,

MSCS Descriptor,

Device ID,

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** |
| Device ID | Device IDelement | As defined in9.4.2.296a (DeviceID element) | Specifies the Device ID for therequesting STA. Optionally present if dot11FILSActivated is true and Device ID is ~~supported~~ active, otherwise notpresent. |

**6.3.7.3 MLME-ASSOCIATE.confirm**

**6.3.7.3.2 Semantics of the service primitive**

The primitive parameters are as follows:

MLME-ASSOCIATE.confirm(

…..

GLK-GCR Parameter Set,

MSCS Descriptor,

Device ID,

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** |
| Device ID | Device IDelement | As defined in9.4.2.296a (DeviceID element) | Specifies the Device ID for therequesting STA. Optionally present if dot11FILSActivated is true and Device ID is ~~supported~~ active, otherwise notpresent. |

**6.3.7.4 MLME-ASSOCIATE.indication**

**6.3.7.4.2 Semantics of the service primitive**

***Update the parameters list as shown:***

The primitive parameters are as follows:

MLME-ASSOCIATE.indication(

….

MSCS Descriptor,

Device ID,

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** |
| Device ID | Device IDelement | As defined in9.4.2.296a (DeviceID element) | Specifies the Device ID for therequesting STA. Optionally present if dot11FILSActivated is true and Device ID is ~~supported~~ active, otherwise notpresent. |

**6.3.7.5 MLME-ASSOCIATE.response**

**6.3.7.5.2 Semantics of the service primitive**

The primitive parameters are as follows:

MLME-ASSOCIATE.response(

…

Device ID,

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** |
| Device ID | Device IDelement | As defined in9.4.2.296a (DeviceID element) | Specifies the Device ID for therequesting STA. Optionally present if dot11FILSActivated is true and Device ID is ~~supported~~ active, otherwise notpresent. |

**6.3.8 Reassociate**

**6.5.8.2 MLME-REASSOCIATE.request**

**6.5.8.2.1 Function**

This primitive requests a change in association to a specified new peer MAC entity that is in an AP or PCP.

**6.5.8.2.2 Semantics of the service primitive**

The primitive parameters are as follows:

MLME-REASSOCIATE.request(

…

Device ID

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** |
| Device ID | Device IDelement | As defined in9.4.2.296a (DeviceID element) | Specifies the Device ID for therequesting STA. Optionally present if dot11FILSActivated is true and Device ID is active, otherwise notpresent. |

**6.5.8.3 MLME-REASSOCIATE.confirm**

**6.5.8.3.1 Function**

This primitive reports the results of a reassociation attempt with a specified peer MAC entity that is in an AP

or PCP.

**6.5.8.3.2 Semantics of the service primitive**

The primitive parameters are as follows:

MLME-REASSOCIATE.confirm(

…

Device ID

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** |
| Device ID | Device IDelement | As defined in9.4.2.296a (DeviceID element) | Specifies the Device ID for therequesting STA. Optionally present if dot11FILSActivated is true and Device ID is active, otherwise notpresent. |

**6.5.8.4 MLME-REASSOCIATE.indication**

**6.5.8.4.1 Function**

This primitive indicates that a specific peer MAC entity is requesting reassociation with the local MAC

entity, which is in an AP or PCP.

**6.5.8.4.2 Semantics of the service primitive**

The primitive parameters are as follows:

MLME-REASSOCIATE.indication(

…

Device ID

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** |
| Device ID | Device IDelement | As defined in9.4.2.296a (DeviceID element) | Specifies the Device ID for therequesting STA. Optionally present if dot11FILSActivated is true and Device ID is active, otherwise notpresent. |

**6.5.8.5 MLME-REASSOCIATE.response**

**6.5.8.5.1 Function**

This primitive is used to send a response to a specific peer MAC entity that requested a reassociation with

the STA that issued this primitive, which is in an AP or PCP.

**6.5.8.5.2 Semantics of the service primitive**

The primitive parameters are as follows:

MLME-REASSOCIATE.response(

…

Device ID

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** |
| Device ID | Device IDelement | As defined in9.4.2.296a (DeviceID element) | Specifies the Device ID for therequesting STA. Optionally present if dot11FILSActivated is true and Device ID is active, otherwise notpresent. |