IEEE P802.11
Wireless LANs

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| --- |
| Comment resolution for CIDs 3122 and 3121 |
| Date: May 15, 2024 |
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 Abstract

This submission proposes resolutions for the following CIDs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 3122 | 9.4.2.317 | 16 | The IRM status length is 0 or 1, for coherence we should have the same as in the status of device ID, which is always present but reserved in one direction. | No | Either change device ID Status length to 0 or 1 (and say it is not present) or change IRM status to 1 and indicate it is reserved. |

Resolution:

**Revise: *Modify the following clauses:***

**9.4.2.316 Device ID element**

The Device ID element contains a device ID. The format of the Device ID element is shown in Figure 9- 1072a (Device ID element format).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Element ID | Length | Element ID Extension | Device ID Length | Device ID Status | Device ID |
| Octets | 1 | 1 | 1 | 1 [92] | 0 or 1 [3122] [3016] | variable |

Figure 9-1072a—Device ID element format

The Element ID, Length, and Element ID Extension fields are defined in 9.4.2.1 (General).

The Device ID Length field is the length of the Device ID field. [92]

[219]

[…]

The Device ID field contains a device ID.

NOTE—Optionally the device ID might be constructed as an opaque identifier as described in 12.2.12.1 (Device ID

mechanism) (see Annex AF).[1]

When sent from a non-AP STA to an AP, the Device ID Status field is not present. [3122] [3016]

~~When the Device ID element is sent from a non-AP STA to an AP, the Device ID Status field is reserved.~~

~~[102, 101]~~ [3122] [3016]

**9.4.2.319 PASN Encrypted Data element** [210]

[…]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Subelement ID | Length | Device ID Status | Device ID |
| Octets | 1 | 1 | 0 or 1 [3122] [3016] | variable |

Figure 9-1072e—Device ID subelement format

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Subelement ID | Length | IRM Status | IRM |
| Octets | 1 | 1 | 0 or 1 [3122] [3016] | variable |

Figure 9-1072f—IRM subelement format

|  |  |  |  |
| --- | --- | --- | --- |
| 3121 | In clause 6 there is the MLME-MREQUEST SAP which if I am not wrong specifies the measurement request, should not we have the measurement ID in any of the SAPs? is this something that does not need to be exchanged within any SAP? | No | Please check if any of the SAPs requires inclusion of the measurement ID as in the case of the IRM and deviceID. |

**Resolution: Revise**

***Add the following to the MLME-SCAN.request***

**6.5.3.2 MLME-SCAN.request**

**6.5.3.2.1 Function**

**6.5.3.2.2 Semantics of the service primitive**

The primitive parameters are as follows:

MLME-SCAN.request(

 …

 Measurement ID,

VendorSpecificInfo

),

**Add the following row to the parameter description table before the VendorSpecificInfo row (header row shown for convenience):**

|  |  |  |  |
| --- | --- | --- | --- |
| Name  | Type  | Valid Range  | Description  |
| Measurement ID | Measurement ID element | As defined in 9.4.2.318 (Measurement ID element) | Specifies a measurement ID to be included in the Probe Request frame. Optionally present if dot11DeviceIDActivated is true, otherwise not present.  |