IEEE P802.11
Wireless LANs

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| Proposed Resolution for CIDs – 4106, 4054, 4055 – subelement, element  |
| Date: 2024-07-17 |
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Abstract

The document provides resolutions for CIDs 4106, 4054, 4055 and attempts to address the subelement, element issue discussed on 2024-07-16 in TGbh.

| **CID** | **Clause**  | **p.l** | **Comment** | **Proposed Change** |
| --- | --- | --- | --- | --- |
| 4106 | 9.4.2.319 | 32.45 | The subelements that are included in the PASN Encrypted Data element are called inconsistently either elements or subelements in this subclause. That is particularly confusing when there are actual elements with the exact same name as these subelements. | At P31 L45, replace "Device ID element" with "Device ID subelement".At P32 L18, replace "PASN ID element" with "PASN ID subelement".At P32 L25, replace the title of Figure 9-1074g "PASN ID element format" with "PASN ID subelement format". |
| 4054 | 9.4.2.319 | 18 | "The element format is defined in 9.4.3" well, no, 9.4.3 is about the subelement format | Refer to 9.4.2.1. instead |
| 4055 | 9.4.2.319 | 18 | "subelement" has been changed to "element", but the rest of the para continues to refer to subelements | Revert the change |

**Discussion:**

**There are two PASN ID elements, one is defined in 9.4.2.319 PASN Encrypted Data element and the other is defined in 9.4.2.320 PASN ID element. These elements are then referenced in the text at: 22.7 (9.4.2.320), 24.7 (9.4.2.320), 27.31 (9.4.2.320), 32.25 (9.4.2.319), 32.18, 32.54, 33 (9.4.2.319), 37.33 (9.4.2.329sa), 37.52, 38.8, 38, 38.35, 38.61, and 41.12. And 12.13.2 – Discovery of a PASN capable AP, 117# , 44.120.4, and 45.14.**

**Also, in Annex AF - 51.51 (9.4.2.320), 55.58, 56.15, 57,14, 57.10, 57.24. 57.30.**

**Proposed resolution: in 9.4.2.319 change the name of the frames as follows:**

1. **Change “Device ID subelement” to “Robust Device ID element”**
2. **Change “IRM subelement” to ” Robust IRM element format**
3. **Change “PASN ID element” to “Robust PASN ID element”**

**To complete this make the following changes:**

In table 9.417c (31.25):

1. Change the table title from “Subelement IDs for Encrypted Data field of the PASN Encryption Data field” to “Element IDs for Encrypted Data field of the PASN Encryption Data field”.
2. Change “Device ID” to “Robust Device ID”
3. Change “IRM” to “Robust IRM”
4. Change “PASN ID” to “Robust PASN ID”

(31.44) Change: “The format of the Device ID element is shown in Figure 9-1074e (Device ID subelement format).” To be “The format of the Robust Device ID element is shown in Figure 9-1074.:

(31.52) Change: the figure title “Figure 9-1074e—Device ID subelement format” to “Figure 9-1074e—Robust Device ID element format”

(31.55) Change: “The format of the Device ID element is shown in Figure 9-1074e (Device ID subelement format).” To “The format of the Robust Device ID element is shown in Figure 9-1074e (Robust Device ID subelement format).”

(31.64) Change: “The format of the IRM subelement is shown in Figure 9-1074f (IRM subelement format).” To “The format of the Robust IRM element is shown in Figure 9-1074f (IRM element format).”

(32.6) Change: “Figure 9-1074f—IRM subelement format” to “Figure 9-1074f— Robust IRM element format”

(32.17) Change: “The format of the PASN ID element is shown in Figure 9-1074g (PASN ID element format).[3003, 3015]” to “The format of the Robust PASN ID element is shown in Figure 9-1074g (Robust PASN ID element format).[3003, 3015]”

(32.25) Change: “Figure 9-1074g – PASN ID element format” to “Figure 9-1074b – Robust PASN ID element format”

**References:**