IEEE P802.11
Wireless LANs

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| LB209 Comment Resolution for CID 7096 |
| Date: 2015-04-09 |
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Abstract

This document provides proposed text changes to the draft as a result for comment resolution for CID 7096. These comments address clauses 8. The baseline for this comment resolution document is 802.11ai Draft 4.1.

**Red Lined Text Changes for the Proposed Resolutions:**

**CID 7096**

**Instructions for Editor: please modify the text of 8.6.8.38 with the following changes:**

* FILS Discovery frame format

The FILS Discovery Information field is shown in Figure 8-663a (FILS Discovery Information field format).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| [14/1107r3][15/0021r3][CID 6596]  | FILS Discovery Frame Control | SSID/Short SSID | AP’s Next TBTT Offset | Length | FD Capability | Operating Class |
| Octets: | 2 | 1-32 | 1 | 0 or 2 | 0 or 2 | 0 or 1 |
|  |  |  |  |  |  |  |
| [CIDs 4031, 4055, 4616, 4250][CID 4161][CID 6384] [CIDs 6593, 6161, 6160, 6097, 6160]  | AP Configuration Sequence Number | Access Network Options | Primary Channel | FD RSN Information  | Channel Center Frequency Segment 1 | Mobility Domain |
| Octets: | 0 or 1 | 0 or 1 | 0 or 1 | 0 or 5 | 0 or 1 | 0 or 3 |
| * FILS Discovery Information field format [14/0412r3][CIDs 4804, 4617
 |

 [14/0412r3]

[14/0412r3][CID 4887][14/0412r3]The format of the FILS Discovery Frame Control subfield is shown in  8-663b (FILS Discovery Frame Control subfield format).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | B0 B4 | B5 | B6 | B7 |
| [15/0021r3] |  SSID Length[CID 6570]  | CapabilityPresenceIndicator | Short SSID Indicator | AP-CSNPresenceIndicator |
| Bits: | 5 |  | 1 | 1 | 1 |
|  |  |  |  |  |  |  |  |
| [CID 4585] | B8 | B9 | B10 | B11[13/1043r1] | B12 | B13  | B14 B15 |
| [CID 6596] | ANOPresenceIndicator | CCFS-1 Presence Indicator [13/1534r0] | Primary Channel Presence Indicator | RSN Info Presence Indicator | Length Presence Indicator[CID 6773]  | MD Presence Indicator [CID7096] | Reserved |  |
| Bits: | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| * FILS Discovery Frame Control subfield format
 |

The SSID Length subfield of the FILS Discovery Frame Control subfield indicates the length, in octets, of the SSID/Short SSID subfield in the FILS Discovery frame. The value of this subfield is equal to the length of the SSID/Short SSID subfield in octets minus 1.When the Short SSID Indicator subfield is equal to 1, the value of the SSID Length subfield is equal to 3 (the length of the Short SSID in octets minus 1).[13/1339r1][CID 4162, 4163, 4164][15/0021r3]

**Instruction to Editor: please insert the following text at P75, Line 36 (Draft 4.1).**

A value of 1 for the MD Presence Indicator subfield indicates that the Mobility Domain subfield is present in the FILS Discovery frame. A value of 0 indicates that the Mobility Domain subfield is not present in the FILS Discovery frame.

**Instruction to Editor: please insert the following text and figure at P79, Line 58 (Draft 4.1).**

The format of the Mobility Domain subfield is shown in Figure 8-663e (Mobility Domain subfield format).

 [13/1339r1][14/0412r3][CIDs 4056, 4641, 4166, 4165, 4645, 4648, 4646, 4651, 4647, 4644, 4650, 4649] [14/1107r3]

|  |  |  |
| --- | --- | --- |
|  | MDID | FT Capability and Policy |
| Octets: | 2 | 1 |

Figure 8-663e -- Mobility Domain subfield format

The MDID field is 2 octets in length and is defined in 8.4.2.46 (Mobility Domain element).

The FT Capability and Policy field is 1 octet in length and is defined in 8.4.2.46 (Mobility Domain element).

**References:**

1. **IEEE 802.11-15/0281r15, TGai LB209 comments on D4.0, Marc Emmelmann, March 2015**
2. **IEEE P802.11ai™/D4.1, March 2015**