IEEE P802.11
Wireless LANs

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| Clause 8.4.2.171 Comment Resolutions |
| Date: 2015-06-05 |
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|  |  |  |  |  |

Abstract

This document provides proposed comment resolutions for follow comments:

CID #, 1080, 1159, 1258, 1363, 1555, 1582

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause Number(C)** | **Page (C)** | **Line (C)** | **Type of Comment** | **Assignee** | **Comment** | **Proposed Change** |
| 1080 | Hitoshi Morioka | 8.4.2.171 | 9 | 13 | T | SK Yong | The size of the element length field must be 1 octet. | Replace the size of the element field to 1 octet in Figure 8-576a. |
| 1258 | Stephen McCann | 8.4.2.171 | 9 | 21 | T | SK Yong | What's the point of compressing the initial sub-fields into 2 octets, when you also have an m-bit variable length field following it? | Use one octet for each of the three sub-fields as shown in Figure 8-576b |
| 1555 | Emily Qi | 8.4.2.171 | 9 | 13 | T | SK Yong | Length shall be 1 octet. | change "2" under the Length field to "1". |
| 1363 | Jouni Malinen | 8.4.2.171 | 9 | 13 | T | SK Yong | Service Hint element is defined with a 2-octet Length field. That is not compliant with the element format (Figure 8-119 in P802.11-REVmc/D4.0). Only 1-octet Length field can be used in "Elements" (e.g., anything added into Beacon frames). | Replace number of octets in the Length field "2" with "1" in Figure 8-576a. |
| 1159 | Jarkko Kneckt | 8.4.2.171 | 9 | 13 | T | SK Yong | The elements have 1-octet Length field. The 2-octet length field may not be supported by all 802.11 implementations. Please use Element Fragmentation as described in 802.11ai D4.0 to handle long elements that do not fit within normal element structure, do not invent additional incompatible mechanisms. | Change the Length field to 1 octet and use Element Fragmentation to handle the long element. |
| 1582 | Joseph Levy | 8.4.2.171 | 9 | 17 | T | SK Yong | There is no need to define the value of the Length field as it is defined in 8.4.2.1. Values of fields should not be specified in more than one location in the specification. | Remove the sentence which specifies the value of the Length field. |

Proposed resolution: Revised

Update the Figure 8.576a as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Element ID | Length | Bloom Filter Information |  m-bit Service Hint Map |
| Octets | 1 | 1 | 2 |  variable |

Change the following text

“The value of the Length field is variable and is 2 plus the variable-length m-bit Service Hint Map field.”

to

“The value of the Length field is variable and is 1 plus the length of the variable-length m-bit Service Hint Map field.”