IEEE P802.11
Wireless LANs

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| LB201 Editorial Changes  |
| Date: 2014-09-18 |
| R1 Author: |
| Name | Affiliation | Address | Phone | email |
| Ping FANG | Huawei Technologies | Vision Business Park, Nanshan, Shenzhen, China | 0086 755 36835832 | Ping.fang@huawei.com |
|  |  |  |  |  |
| R0 Original Author(s): |
| Name | Affiliation | Address | Phone | email |
| Xiaofei WANG | InterDigital Communications, Inc. |  |  | xiaofei.wang@interdigital.com |
| Joseph LEVY | InterDigital Communications, Inc. | 2 Huntington QuadrangleMelville, NY 11747 | +1.516.835.9353 (m) | joseph.levy@interdigital.com |

Abstract

This document provides proposed editorial changes for 8.6.8.34 and Appendix C. The modification that was previously proposed by 14/1270r0 is indicated using redlined text; the additional changes proposed in this document is indicated using redlined text and yellow highlight.

R1 provides some further editorial improvements which are highlighted in green.

**Red Lined Text Changes for the 8.6.8.34:**

**Instructions for Editor: please modify the text of 8.6.8.34, Page 67, Line 34 (Draft 2.1) with the following changes:**

The FD Capability field contains the information that advertises the capabilities of the STA transmitting the FD frame. Its length is 2 octets. Its presence is indicated by a 1-bit Capability Presence Indicator in the FD Frame Control. The format of the FD Capability field is shown in Figure 8-589c (Format of the FD Capability field format [CID 4618]).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | B0 | B1 | B2 B4 | B5 B7 |
|  | ESS | Privacy | BSS Operating Channel Width | Number of Spatial Streams [CID 4889] |
| Bits: | 1 | 1 |  | 3 | 3 |
|  |  |  |  |  |  |  |  |  |
|  | B8 | B9 | B10 B12 | B13 B15 |
|  | Reserved | Multiple BSSIDs Presence Indicator | PHY Type | FILS Minimum Rate  |
| Bits: | 1 | 1 | 3 | 3 |
| * FD Capability field format [CID 4618]
 |

 [14/0412r3]

The subfields ESS and Privacy are interpreted as specified in 8.4.1.4 (Capability Information field). [13/1339r1]

The Multiple BSSIDs Presence Indicator subfield is 1 bit in length and is set to 1 to indicate that the Multiple BSSID element is present in the Beacon frames transmitted in the BSS. It is set to 0 to indicate that the Multiple BSSID element is not present in the Beacon frames.

The 3-bit BSS Operating Channel Width subfield indicates the ~~BSS~~ operating channel width of the BSS ~~transmitting AP~~, as defined in Table 8-273b (Operating Channel Bandwidth).

|  |
| --- |
| * BSS operating channel width
 |
| BSS Operating Channel Width Subfield (3 bits) | BSS operating channel width |
| 0 | 20 MHz or 22 MHz |
| 1 | 40 MHz |
| 2 | 80 MHz |
| 3 | 160 MHz or 80+80 MHz |
| 4 - 7  | Reserved |

*Note to Editor: the rest of this clause is unchanged.*

**Red Lined Text Changes for the C.3:**

**Instructions for Editor: please modify the text of C.3, Page 122, and Line 58 (Draft 2.1) with the following changes:**

dot11OmitReplicateProbeResponses OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-write [CID 2107]

STATUS current

DESCRIPTION

"This is a control variable. It is written by an external management entity. Changes take effect as soon as practical in the implementation.

This attribute, when true, indicates that the station may respond to two or more received Probe Request frames with a single Probe Response frame addressed to the broadcast address. Alternatively, the station may respond to one or more received Probe Request frames by omitting the response of the Probe Response frame and by letting the next Beacon frame be the response to the Probe Request frame(s) ~~transmitting a Beacon frame at TBTT as the response~~."

DEFVAL { false }

**References:**

1. **IEEE 802.11-14/0565r18, TGai LB201 comments on D2.0, Marc Emmelmann, 2014-07-14**
2. **IEEE P802.11ai™/D2.1, July 2014**