IEEE P802.11
Wireless LANs

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| CID 1469 & 1658 |
| Date: 2022-04-29 |
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Abstract

This document proposes comment resolutions for LB258 CID 1469 & 1658.

*Discussion :*

CID 1469 and 1658 are shown on the next page.

Proposed Resolution:

* CID 1469 & 1658 : Revised.

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| --- | --- | --- | --- |
| **CID** | **Clause Number** | **Comment** | **Proposed Change** |
| 1469 | 9.4.2.3 | The Management frame format tables indicate a Supported Rates And BSS Membership Selector element is present in an S1G BSS even if there are no BSS membership selectors. But in that case (only) it will have a zero-length Information field | In Figure 9-195--Supported Rates and BSS Membership Selectors element format change "1-8" to "0-8" and at line 19.5 add "The length of the Supported Rates field is not 0 if the element is not transmitted by an S1G STA." |
| 1658 | 9.3.3.5 | The (Extended) Supported Rates and BSS Membership Selectors elements are excluded from the frames sent by a DMG STA. They should be allowed so that membership selectors can be passed for DMG STAs, e.g. for GLK | At 1024.6 delete "This element is not present if dot11DMGOptionImplemented istrue (see 11.1.4.6 (Operation of Supported Rates and BSSMembership Selectors element and Extended Supported Rates andBSS Membership Selectors element).(#24)" |

*Proposed change : for clause 9.3.3.5*

* Association Request frame format

The frame body of an Association Request frame contains the information shown in Table 9-62 (Association Request frame body).

|  |
| --- |
| * Association Request frame body
 |
| Order | Information | Notes |
| 4 | Supported Rates and BSS Membership Selectors | ~~This element is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless one or more BSS membership selectors (see 11.1.4.6) are indicated. (#24) |
| 5 | Extended Supported Rates and BSS Membership Selectors | The Extended Supported Rates and BSS Membership Selectors element is present if there are more than eight supported rates, and it is optional otherwise. ~~This element is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element)).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless there are more than 8 BSS membership selectors (see 11.1.4.6) indicated. (#24) |

*Proposed change : for clause 9.3.3.6*

* Association Response frame format

The frame body of an Association Response frame contains the information shown in Table 9-63 (Association Response frame body).

|  |
| --- |
| * Association Response frame body
 |
| Order | Information | Notes |
| 4 | Supported Rates and BSS Membership Selectors | ~~This field is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless one or more BSS membership selectors (see 11.1.4.6) are indicated. (#24) |
| 5 | Extended Supported Rates and BSS Membership Selectors | The Extended Supported Rates and BSS Membership Selectors element is present if there are more than eight supported rates and BSS membership selectors(#1470), and is optionally present otherwise. ~~This element is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless there are more than 8 BSS membership selectors (see 11.1.4.6) indicated. (#24) |

*Proposed change : for clause 9.3.3.7*

* Reassociation Request frame format

The frame body of a Reassociation Request frame contains the information shown in Table 9-64 (Reassociation Request frame body).

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| --- |
| * Reassociation Request frame body
 |
| Order | Information | Notes |
| 5 | Supported Rates and BSS Membership Selectors | ~~This field is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless one or more BSS membership selectors (see 11.1.4.6) are indicated. (#24)  |
| 6 | Extended Supported Rates and BSS Membership Selectors | The Extended Supported Rates and BSS Membership Selectors element is present if there are more than eight supported rates and BSS membership selectors(#1470), and it is optional otherwise. ~~This element is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless there are more than 8 BSS membership selectors (see 11.1.4.6) indicated. (#24) |

*Proposed change : for clause 9.3.3.8*

* Reassociation Response frame format

The frame body of a Reassociation Response frame contains the information shown in Table 9-65 (Reassociation Response frame body).

|  |
| --- |
| * Reassociation Response frame body
 |
| Order | Information | Notes |
| 4 | Supported Rates and BSS Membership Selectors | ~~This field is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless one or more BSS membership selectors (see 11.1.4.6) are indicated. (#24) |
| 5 | Extended Supported Rates and BSS Membership Selectors | The Extended Supported Rates and BSS Membership Selectors element is present if there are more than eight supported rates and BSS membership selectors (#1470), and it is optional otherwise. ~~This element is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless there are more than 8 BSS membership selectors (see 11.1.4.6) indicated. (#24) |

*Proposed change : for clause 9.3.3.9*

* Probe Request frame format

The  frame  body  of a Probe Request frame contains the information shown in Table 9-66 (Probe Request frame body).

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| * Probe Request frame body
 |
| Order | Information | Notes |
| 2 | Supported Rates and BSS Membership Selectors | ~~This field is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless one or more BSS membership selectors (see 11.1.4.6) are indicated. (#24)  |
| 4 | Extended Supported Rates and BSS Membership Selectors | The Extended Supported Rates and BSS Membership Selectors element is present if there are more than eight supported rates and BSS membership selectors(#1470), and is optionally present otherwise. ~~This element is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless there are more than 8 BSS membership selectors (see 11.1.4.6) indicated. (#24) |

*Proposed change : for clause 9.3.3.10*

* Probe Response frame format

The  frame  body of a Probe Response frame contains the information shown in Table 9-67 (Probe Response frame body). See additional details and procedures in 11.1.4 (Acquiring synchronization, scanning).

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| * Probe Response frame body
 |
| Order | **Information** | **Notes** |
| 5 | **Supported Rates and BSS Membership Selectors** | **~~This field is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless one or more BSS membership selectors (see 11.1.4.6) are indicated. (#24)**  |
| 15 | **Extended Supported Rates and BSS Membership Selectors** | **The Extended Supported Rates and BSS Membership Selectors element is present if there are more than eight supported rates and BSS membership selectors(#1470), and it is optionally present otherwise. ~~This element is not present if dot11DMGOptionImplemented is true (see 11.1.4.6 (Operation of Supported Rates and BSS Membership Selectors element and Extended Supported Rates and BSS Membership Selectors element).~~ If dot11S1GOptionImplemented or dot11DMGOptionImplemented is true, this element ought not be present unless there are more than 8 BSS membership selectors (see 11.1.4.6) indicated. (#24)** |

**References:**