IEEE P802.11
Wireless LANs

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| CID 1444 |
| Date: 2022-09-02 |
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Abstract

This document proposes comment resolutions for LB258 CID 1444.

Proposed changes are based on P802.11REVme D1.3.

*Discussion :*

CID 1444 is shown on the next page.

Proposed Resolution:

* CID 1444 : Revised.

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| --- | --- | --- | --- |
| **CID** | **Clause Number** | **Comment** | **Proposed Change** |
| 1444 | 9.6.4.3 | The "Originator Preferred MCS field" makes the ADDBA Response frame non-extensible (for S1G STAs) | Put the field in an element, and put that element in the frame rather than the field directly |

*Proposed change: for clause 9.6.4.3*

*Note to editor : Was unable to find Table 9-444 in the .rtf source file.*

*Note on presence of Originator Preferred MCS : Section 11.5.2.3 (Procedure at the recipient) which states: "If the recipient STA is a non-AP S1G STA and it has received from the AP a frame containing an S1G Capabilities element with the Asymmetric BA Supported equal to 1, the Originator Preferred MCS field may be contained in the ADDBA Response frame."*

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| Table 9-444 ADDBA Response frame Action field format |
| Order | Information |
| 1 | Category |
| 2 | Block Ack Action |
| 3 | Dialog Token |
| 4 | Status Code |
| 5 | Block Ack Parameter Set |
| 6 | Block Ack Timeout Value |
| 7 | GCR Group Address element (optional) |
| 8 | Multi-band (optional) |
| 9 | TCLAS (optional) |
| 10 | ADDBA Extension (optional) |
| ~~11~~ | ~~Originator Preferred MCS (optional)~~ |
| 12(11ay) | EDMG Flow Control Extension Configuration (optional) |
| 13(11ay) | SAR Configuration (optional) |
| <ANA> | Originator Preferred MCS element (optional) |

The Originator Preferred MCS field element ~~is~~may be present if dot11S1GOptionImplemented is true, and the Block Ack Action field is 1~~, and it is defined in 9.4.1.15 (Originator Preferred MCS field)~~. Otherwise, it is not present.

*Proposed change: for clause 9.4.2.1*

|  |
| --- |
| * Element IDs
 |
| Element | Element ID | Element ID Extension | Extensible | Fragmentable |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Originator Preferred MCS element | 255 | <ANA> | No | No |
| Reserved | 255 | 94–255 |  |  |
| NOTE—See 10.28.6 (Element parsing) on the parsing of elements. |

*Proposed addition: to clause 9.4.2*

**9.4.2.<ANA> Originator Preferred MCS element**

The Originator Preferred MCS element is used in ADDBA Response frame to signal the preferred MCS used for eliciting A-MPDUs from the data originator. The format of the Originator Preferred MCS element is shown in Figure 9-<ANA> (Originator Preferred MCS element).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  | Element ID | Length | Element ID Extension | Originator Preferred MCS field |
| Octets: | 1 | 1 | 1 | 2 |
| * Figure 9-<ANA> Originator Preferred MCS element
 |

The Element ID, Length and Element ID Extension fields are defined in 9.4.2.1 (General).

Note : See 9.4.1.15 for the Originator Preferred MCS field.

**References:**