IEEE P802.11
Wireless LANs

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| 802.11bi – Comment resolution Clauses 9.6.42.7 |
| Date: March 10, 2024 |
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 Abstract

This submission addresses the comments with CID:

123, 219, ~~936~~, 951, 1020

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| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause Number(C)** | **Page(C)** | **Line(C)** | **Comment** | **Proposed Change** | **Resolution** |
| 123 | 9.6.42.7 | 73 | 1 | Inconsist use of "ota" and "OTA". | Change to: OTA MAC Collision Warning frame | ACCEPT |
| 219 | 9.6.42.7 | 73 | 42 | Unclear sentence. | Please change to:" The otaMAC Collision Warning frame warns on upcoming MAC address collision with another STA". | REVISEDRevised to The OTAMAC Collision Notification frame warns of an upcoming MAC address collision with another STA in a given epoch.See resolution tagged with [219] in document with DCN 25/693r0. |
| 951 | 9.6.42.7 | 73 | 3 | Bad grammar. We typically use "indicate" not "signal". It is not clear what the adjective "OTA" adds. Do we use MAC addresses in some other manner? It is not obvious what collision means (e.g., it could mean that to transmissions overlap). I don't see how a calculation can predict collision. Isn't it a comparison operation? Does it matter if the MAC addresses are used in different epochs? Presumably not. | Change to "The OTA MAC Collision Warning frame is used to indicate that a MAC address that will be used by an EDP non-AP MLD in an upcoming epoch is the same as a the MAC address that will be used by another STA in that epoch." Since we don't want to repeat information, change the sentence at 61.54 to "The OTA MAC Collison Warning element is sued in the OTA MAC Collision Warning frame (see 9.6.42.7). | REVISEDEditor to modifiy the text to “The OTAMAC Collision Notification frame warns of an upcoming MAC address collision with another STA in a given epoch.” As tagged with [219] in document 25/693r0. |
| 1020 | 9.6.42.7 | 73 | 3 | "is used to signal when an OTA MAC address expected to be used by an EDP non-AP MLD in an upcoming epoch is calculated". Two issues. First, it is not used justby the AP MLD to signal when this ocurs, but is also used in a response from the non-AP MLD. Also, the description does nto clarify who does the calculation | Replace "is used when an OTA MAC address expected to be used by a non-AP MLD in an upcoming epoch is calculated (by the AP MLD)" | REVISEDEditor to modifiy the text to “The OTAMAC Collision Notification frame warns of an upcoming MAC address collision with another STA in a given epoch.” As tagged with [219] in document 25/693r0. |

**9.6.42.7 [123] [950] OTA ~~ota~~MAC Collision ~~Warning~~ [211] Notification frame format**

[219] ~~The~~ **~~[123] OTA~~** ~~otaMAC Collision Warning frame is used to signal when an OTA MAC address expected to be used by an EDP non-AP MLD in an upcoming epoch is calculated to collide with the MAC address of another STA.~~

[219] The [123] [950] OTAMAC Collision ~~Warning~~ [211] Notification frame warns of an upcoming MAC address collision with another STA in a given epoch.

**Table 9-658ac—[123] [950] OTA ~~ota~~MAC Collision ~~Warning~~ [211] Notification frame Action field format**

|  |  |
| --- | --- |
| **Order** | **Meaning** |
| 0 | Category |
| 1 | EDP Action |
| 2 | [211] Dialog Token |
| ~~2~~ 3 | OTA MAC Collision Warning element |

The Category field is defined in 9.4.1.11 (Action field).

The EDP Action field is defined in 9.6.42.1 (EDP Action field).

The Dialog Token field is defined in 9.4.1.12 (Dialog Token field).

The OTA MAC Collision Warning element is defined in 9.4.2.349 (OTA MAC Collision Warning element).

***Note to editor: Please add the following clause after 9.6.42.7.***

**[211] 9.6.42.8 OTA ~~ota~~MAC Collision ~~Warning~~ [211] Response frame format**

The OTAMAC Collision ~~Warning~~ Response frame indicates the action the STA will take based on the information on the OTA MAC Collision Notification frame.

**Table 9-658ac—[123] OTA ~~ota~~MAC Collision Response frame Action field format**

|  |  |
| --- | --- |
| **Order** | **Meaning** |
| 0 | Category |
| 1 | EDP Action |
| 2 | Dialog Token |
| ~~2~~ 3 | OTA MAC Collision Warning element |

The Category field is defined in 9.4.1.11 (Action field).

The EDP Action field is defined in 9.6.42.1 (EDP Action field).

The Dialog Token field is defined in 9.4.1.12 (Dialog Token field).

The OTA MAC Collision Warning element is defined in 9.4.2.349 (OTA MAC Collision Warning element).