IEEE P802.11
Wireless LANs

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| Resolution for CID 1353 |
| Date: 2021-08-16 |
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|  |  |  |  |  |

Abstract

This submission proposes the spec text to resolve CID 1353. The baseline for this comment resolution document is 802.11bc Draft 1.04.

* Rev 0: First draft.
* Rev 1: Small changes from review.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1353 | Mark RISON | 252 | 1 | We have three different ways of saying the same thing: "If the Sequence Number overflows, it is set to 0. ", "In case of overflow, it is reset to 0.", "packet transmission. When the STA has transmitted 2 32 - 1 frames, the value in the field wraps around and 7starts from 0. " | Pick one form and use it consistently | Revised. For consistency, 11.55.2.4 is changed from “it is equal to 0” to “it is reset to 0. No changes are needed for 12.13.2.3. The third example is no longer in Draft1.04. |  |

*Editor, please make the following change:*

* + - 1. EBCS Info frame generation and usage

The EBCS Info frame is transmitted periodically every dot11EBCSInfoInterval beacon periods. For the APs in a multiple BSSID set, only the AP corresponding to the EBCS DL enabled BSSID may transmit an EBCS Info frame; other APs corresponding to EBCS DL disabled BSSIDs shall not transmit an EBCS Info frame.

The Sequence Number subfield is initialized to a random number at the time of starting an EBCS and incremented by 1 for every new EBCS Info frame transmission. If the Sequence Number overflows, it is ~~equal~~ reset to 0.

*Shown for completeness, no changes needed.*

**12.13.2.3 PKFA MPDU format**

The MPDU format for PKFA is shown in Figure 12-55a (PKFA MPDU format).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| MAC Header | Timestamp | Content ID | Data Sequence | Data Length | Data (PDU) | Signature | FCS |
| Octets | 8 | 1 | 4 | 2 | 1 or more | Variable | 4 |

**Figure 12-55a PKFA MPDU format**

The Timestamp field contains the elapsed time from 2020-01-01 00:00 UTC in milliseconds that indicates the time of the MPDU generation.

The Content ID field contains the content ID of the MPDU.

The Data Sequence field indicates the sequence number of the frame that starts from 0 and is incremented by 1 for each MPDU generation. In case of overflow, it is reset to 0.