IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Resolution for CIDs 1565, 1671 | | | | |
| Date: 2025-07-23 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Michail Koundourakis | Samsung Electronics |  |  | m.koundour@partner.samsung.com |
| Rubayet Shafin |  |  | r.shafin@samsung.com |
| Mark Rison |  |  |  |
| Srinivas Kandala |  |  |  |

# Revision information

Abstract

This document proposes resolutions for following 2 CIDs as part of CC50 comments:

1671, 1565

The following is a summary of the important changes that occurred within each revision of this document:

|  |  |
| --- | --- |
| **Revision** | **Major changes** |
| 0 | Initial version. |

# CC50 Comments:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page.line** | **Comment** | **Proposed Change** | **Resolution** |
| 1671 | 37.15 | 0.00 | P2P communications should cover unavailability coordination between the BSS operation and the P2P operation of the non-AP STA. E.g. a mechanism to announce unavailability within the same TXOP, not just to the AP but also to P2P peers. This can be coordinated by the AP as the TXOP holder. | Enhance as per comment. | Revised  Agree in principle. A mechanism is added to inform the AP about the non-AP STA’s upcoming unavailability due to P2P needs and to request a portion of the TXOP from the AP.  **TGbn editor, please make changes as marked by CID 1671 proposed in this document 11-25/1310r0.** |
| 1565 | 37.8.2.3 |  | The same or a similar procedure should be made available to any STA (not just with "another AP") which transmits an ICR in response to ICF.  Them, it can be used to enable an STA to request an AP to share its DL TXOP with it; e.g. in order for the STA to send feedback which is not possible with just response frames. | Make this procedure more generic, between STAs rather than APs, so it can be reused by other features. | Revised  Agree in principle. A mechanism is added to inform the AP about the non-AP STA’s request to get a portion of the TXOP from the AP.  **TGbn editor, please make changes as marked by CID 1671 proposed in this document 11-25/1310r0.** |

# Note that the baseline is IEEE 802.11bn draft D0.3

# Text to be adopted begins here:

### 9.3.1.22.7 Feedback User Info field

***TGbn editor: Please add the following paragraph, including the modified figure, at the end of the subclause 9.3.1.22.7 (Feedback User Info field) (#*1671*):***

If the Feedback Type field is set to 0 for Unavailability Feedback, then the format of the Feedback Information field is defined in Figure 9-xxx (Feedback Information field if the Feedback Type is set to 0). Other values are reserved.

|  |  |  |  |
| --- | --- | --- | --- |
|  | B0   B9 | B10  B19 | B20 B23 |
|  | Unavailability Target Start Time | Unavailability Duration | TXS Request Duration |
| Bits: | 10 | 10 | 4 |

(#1671) **Figure 9-xxx— Feedback Information field format if the Feedback Type is set to 0**

The Unavailability Target Start Time field indicates the value of TSF[15:6] at the time when the STA transmitting the Multi-STA BlockAck frame will become unavailable (see 11.2.1 (General)), except that this field is reserved (i.e., invalid and to be ignored by the recipient) if the Unavailability Duration subfield is equal to 0 [#1913]. The Unavailability Duration field indicates the duration in units of 64 µs over which the STA transmitting the BSRP NTB Trigger frame is unavailable, except that the value 0 indicates that the STA is available, and the value 1023 indicates that the STA is unavailable for an indefinite duration of time.

(#1671) The TXS Request Duration field indicates whether the STA transmitting the Multi-STA BlockAck frame is requesting TXOP Sharing Mode 2 from the TXOP holder during the current TXOP. If the TXOP Request Duration field is not 0, then the requested duration is indicated in units of 64 μs; otherwise, the STA is not requesting TXOP Sharing Mode 2.

**37.17.2 Dynamic Unavailability Operation (DUO) mode**

***TGbn editor: Please add the following paragraph at the end of the subclause 37.17.2 (Dynamic Unavailability Operation (DUO) mode) (#*1671*):***

(#1671) A DUO non-AP STA that is operating in DUO mode and is a TXOP responder may indicate, in a Multi-STA BlockAck frame, whether it requests a TXOP from its associated DUO supporting AP by setting the TXS Request Duration field to a non-zero value in the Feedback Information field, and setting the Feedback Type field to 0. The DUO supporting AP, upon receiving the request, should send a MU-RTS Trigger frame indicating TXOP Sharing Mode 2 to the non-AP STA, allocating the requested TXOP within the current TXOP. The offered duration of the TXOP Sharing Mode 2 should end prior to the non-AP STA’s indicated unavailability start time.

# Text to be adopted ends here.