IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CR for CID 2347 | | | | |
| Date: 2022-5-9 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Xiaofei Wang | InterDigital Inc. | 111 West 33rd Street  Suite 1420  New York, NY, USA | +1-607-592-2727 | Xiaofei.wang@interdigital.com |
| Rui Yang |  |  |

Abstract

This submission proposes resolutions for the CID 2347.The baseline for this comment resolution document is 802.11 RevME Draft 1.2.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 2347 | B4.4.2 | 4959 | 15 | Please check FT53, is the trigger frame meant to be basic trigger frame or all trigger frames? It is not clear from the context. If it is meant to be all trigger frame, then it should be marked as optional since not all trigger frames are supported by all CFHE. Related to this topic, FR54 on P4970L53 seems to indicate reception of trigger frame is optional. | As in comment | Revised: agree in principle with the comment. The support for each type of Trigger frames has been added; in addition changes have added that the support for transmission for trigger frames is only for APs.  TGm editor:  Please incorporate changes contained in 11-22/775r2. |

**Discussion:**

Trigger frame contains multiple variants, such as Basic trigger frame, MU-BAR, MU-RTS, Buffer Status Report Poll, GCR MU-BAR, NDP Feedback Report Poll, though Basic trigger frame is mandatory, other types are not, such as NDP Feedback Report Poll. The capability for supporting NDP Feedback Report is indicated by an AP or a STA in the HE Capabilities element that it transmits. Since it is optional to support some types of trigger frame, the support for Trigger frame should be indicated as optional. Changes have been added to differentiate the support for each individual trigger frame type.

***TGm Editor: please modify Annex B4.4.2 as follows (baseline is 802.11 RevME D1.2)***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| (11ax)FT53 | Trigger frame | Clause 9.3.1.22 (Trigger frame formats) |  |  |
| FT53.1 | Basic Trigger frame | Clause 9.3.1.22 (Trigger frame formats) | CFHE AND CFAP: M | Yes o No o N/A o |
| FT53.2 | Beamforming Report Poll (BFRP) frame | Clause 9.3.1.22 (Trigger frame formats) | CFHE AND CFAP AND HEP2.3.3: M | Yes o No o N/A o |
| FT53.3 | MU-BAR frame | Clause 9.3.1.22 (Trigger frame formats) | CFHE AND CFAP: O | Yes o No o N/A o |
| FT53.4 | MU-RTS frame | Clause 9.3.1.22 (Trigger frame formats) | CFHE AND CFAP: O | Yes o No o N/A o |
| FT53.5 | Buffer Status Report Poll (BSRP) frame | Clause 9.3.1.22 (Trigger frame formats) | CFHE AND CFAP: O | Yes o No o N/A o |
| FT53.6 | GCR MU-BAR frame | Clause 9.3.1.22 (Trigger frame formats) | CFHE AND CFAP: O | Yes o No o N/A o |
| FT53.7 | Bandwidth Query Report Poll (BQRP) frame | Clause 9.3.1.22 (Trigger frame formats) | CFHE AND CFAP: O | Yes o No o N/A o |
| FT53.8 | NDP Feedback Report Poll (NFRP) frame | Clause 9.3.1.22 (Trigger frame formats) | CFHE AND CFAP: O | Yes o No o N/A o |
| (11ay)FT54 | Sector Ack | Clause 9 (Frame formats) | EDMG-M16.4:M | Yes o No o |