IEEE P802.11  
Wireless LANs

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| Resolution for CIDs 3026, 3051, 3349 & 3355 | | | | |
| Date: February 16, 2023 | | | | |
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Abstract

This submission proposes resolution for CIDs 3026, 3051, 3349 & 3355 received against REVme D2.0 during LB270.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Revised resolution for CID 3051 based on offline feedback from Mark R. and discussion with Emily (commenter).
* Rev 2: Further changes to the definition of off-channel based on additional feedback from Mark R. Broadened the definition so that it covers off-channel (radio) measurements.

***TGm editor: Please note baseline for this document is REVme D2.1***

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGm Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGm Draft (i.e., they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGm Editor: Editing instructions preceded by “TGm Editor” are instructions to the TGm editor to modify existing material in the TGm draft. As a result of adopting the changes, the TGm editor will execute the instructions rather than copy them to the TGm Draft.***

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| **CID** | **Commenter** | **Pg/Ln** | **Section** | **Comment** | **Proposed Change** | **Resolution** |
| 3051 | Emily Qi | 190.04 | 3.2 | The "peer-to-peer link" term is used in the Event Request and Event Report to collect peer-to-peer connectivity information for the infrastructure network. However, the definition of "peer-to-peer link" term in D2.0 limits to TDLS link and IBSS link only. This definition doesn't include peer-to-peer link between STAs in a PBSS or DMG BSS. Two widely deployed peer-to-peer links that use 802.11 technology but are defined in WFA are also excluded from this definition. This definition need to be extended to include cited P2P links. | At 190.5, change "between STAs in an independent basic service set (IBSS)" to "between STAs in a noninfrastructure BSS". The definition will read as: peer-to-peer link: A station-to-station (STA-to-STA) link between tunneled direct link setup (TDLS) peer STAs in an infrastructure basic service set (BSS) or between STAs in a noninfrastructure BSS. | **Revised**  Agree with the comment. Accepted the proposed change. In addition, the resolution also harmonizes all variants of noninfrastructure BSS/network in the spec to be consistent.  **TGm editor, please implement changes as shown in 11-23/0232r2 tagged 3051.** |
| 3349 | Mark RISON |  |  | CID 1752 follow-up: why can't you have a P2P link in a PBSS or MBSS, only in an infrastructure BSS or IBSS? | Clarify | **Revised**  Agree with the comment. The definition of peer-to-peer link is broadened to cover noninfrastructure networks as a resolution for CID 3051  **TGm editor, please implement changes as shown in 11-23/0232r2 tagged 3051** |
| 3355 | Mark RISON |  |  | It is not clear what the difference is between a "direct link" and a "peer-to-peer link" | As it says in the comment | **Revised**  The definition of peer-to-peer link already includes TDLS and broaden to include other noninfrastructure networks (see resolution for CID 3051)  **TGm editor, please implement changes as shown in 11-23/0232r2 tagged 3051** |
| 3026 | Abhishek Patil | 222.63 | 3.3 | The definition of 'off-channel' is limiting and should include off-channel noninfrastructure BSS and peer-to-peer link | Replace the definition as: "A channel used by a station (STA) for tunneled direct link setup (TDLS), noninfrastructure BSS or a peer-to-peer link, that does not overlap the channel(s) used by the access point (AP) with which the STA is associated." | **Revised**  Agree with the comment. There are instances in the spec where this term is used for infra case (off-channel radio measurement). Therefore, the definition is updated (based on offline discussions) to be broad enough to cover p2p and infra cases.  **TGm editor, please implement changes as shown in 11-23/0232r2 tagged 3026** |

**3.1 Definitions**

***TGm editor: Please update the following definition in this subclause as shown below:***

[3051]**peer-to-peer link:** A station-to-station (STA-to-STA) link between tunneled direct link setup (TDLS) peer STAs in an infrastructure basic service set (BSS) or between STAs in a noninfrastructure BSS.

***TGm editor: Please add the following definition in this subclause as shown below:***

[3051]**noninfrastructure basic service set (BSS):** A BSS that is not an infrastructure BSS.

[3051]***TGm editor: Please replace in the TGm draft:***

* “non-infrastructure BSS” ***with*** “noninfrastructure BSS” ***at P192L32***
* “non-infrastructure network” ***with*** “noninfrastructure BSS” ***at P2607L53***
* “Noninfrastructure IEEE 802.11 network” ***with*** “Noninfrastructure BSS” ***at P1122 (L14 and L18)***
* “noninfrastructure network” ***with*** “noninfrastructure BSS” ***at P2607 (L37 & L61), P2608 (L02, L10 & L20), P2609 (L14, L17, L20 & L23)***

**3.2 Definitions specific to IEEE Std 802.11**

***TGm editor: Please update the following definition in this subclause as shown below:***

[3026]**off-channel:** A channel used by a station (STA) that does not overlap with the channel(s) used by the BSS of which the STA is a member.