IEEE P802.11
Wireless LANs

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| TBTT Information Field Type (TIFT): Proposed content for P802.11REVmd |
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Abstract

This document proposes revisions to be incorporated in the development of P802.11REVmd in accordance with the proposal described in IEEE 802.11-17/0666r0. The revisions are primarily intended to resolve ambiguity in the TBTT Information Field Type (TIFT) subfield in the Reduced Neighbor Report.

**TBTT Information Field Type (TIFT):**

**Proposed content for** **P802.11REVmd**

We propose that the following four revisions be incorporated in the development of P802.11REVmd.

*(1) In IEEE Std 802.11ai* *subclause 9.4.2.171.1, interpret the first line:*

***Change 9.4.2.171.1 as follows:***

*to mean:*

***Change 9.4.2.171.1, below Figure 9-582, as follows:***

*(2) In IEEE Std 802.11-2016, as amended by IEEE Std 802.11ai, change the first paragraph of subclause 9.4.2.171.1 as follows:*

The TBTT Information Field Type subfield is 2 bits in length ~~and defines the structure of the TBTT Information field. Values 2 and 3 are reserved~~ and set in accordance with Table 9-258aa.

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| **Table 9-258aa—TBTT Information Field Type** |
| **TBTT****Information Field Type****bit** | **Meaning** |
| Bit 0 | Each neighbor designated in the Neighbor AP Information field is an AP that belongs to the same ESS as that of the AP sending this Reduced Neighbor Report and is suitable for BSS transition and reassociation. |
| Bit 1 | Each neighbor designated in the Neighbor AP Information field is a rendezvous neighbor, which identifies, in its own rendezvous Reduced Neighbor Report, only APs that belong to the same ESS as that of the AP sending this Reduced Neighbor Report and are suitable for BSS transition and reassociation. |

*(3) In the amendment of IEEE Std 802.11-2016 by IEEE Std 802.11ai, change the second paragraph of the amendment of subclause 9.4.2.171.1 as follows:*

The Filtered Neighbor AP subfield is 1 bit in length. When included in the Probe Response frame, it is set to 1 if the SSID of each AP~~s~~ in this Neighbor AP Information field matches the specific SSID in the corresponding Probe Request frame. When included in the Beacon frame, it is set to 1 if the SSID of each AP~~s~~ in this Neighbor AP Information field matches the specific SSID in the containing Beacon frame. It is set to 0 otherwise.

*(4) In the amendment of IEEE Std 802.11-2016 by IEEE Std 802.11ai, change the first sentence of the fourth paragraph of the amendment of subclause 9.4.2.171.1 as follows:*

The TBTT Information Length subfield is 1 octet in length and contains the length in octets of each TBTT Information field that is included in the TBTT Information set of the Neighbor AP Information field.