IEEE P802.11
Wireless LANs

|  |
| --- |
| CR for RNR |
| Date: 2019-11-11 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Laurent Cariou |  |  |  | laurent.cariou@intel.com |

Abstract

This document provides CR for CIDs: 22088 22089 22140 22428 22518 22398

R2: adding CID 22398

1. **Introduction**

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 TGax Draft. The introduction and the explanation of the proposed changes are not part of the adopted material.

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

***TGax Editor: Editing instructions preceded by “TGax Editor” are instructions to the TGax editor to modify existing material in the TGax draft. As a result o***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 22088 | Liwen Chu | 164.56 | 9.4.2.170.2 | Add filtering per short SSID for unicast Probe Response frame. | As in comment | Rejected – the condition for SSID is sufficient to set the bit. |
| 22089 | Liwen Chu | 164.48 | 9.4.2.170 | Rename the title to include non-transmitted BSSID report and change the field name/definition in the subclause accordingly | As in comment | Rejected – the title of the subclause can not be changed as it is the name of the element. |
| 22140 | Mark RISON | 160.13 | 9.4.2.36 | "The $foo subelement is the same as the $foo element and is defined in 9.4.2.$x" is clearly not true, since otherwise they would be distinguished | Use the baseline wording: "The $foo subelement has the same format as the $foo element (see 9.4.2.$x (Vendor Specific element))." (5x) | accepted |
| 22428 | Ming Gan | 165.51 | 9.4.2.170 | The values of 13-255 for the TBTT Information Length subfield are not used now. But now it has partial meaning. | Change it to "Reserved but the first 12 octets of the field are the same as for TBTTInformation Length" | Accepted |
| 22518 | Yongho Seok | 167.10 | 9.4.2.170.2 | Please fix an inconsisteny field name between 20 TU Probe Response Active and 20 TU Probe Responses Active. | As in the comment. | Revised – change “20 TU Probe Responses Active” and “20 TU Probe Response Active” to “Unsolicited Probe Responses Active” throughout the spec. |
| 22398 | Mark Rison |  | 26.17.2.4 | CID 20804. The resolution seems to be trying to make a distinction between a "recommendation to the internal implementation" and "a normative ["should"] behavior from the standard's perspective". I don't think there is any such distinction. If there is a distinction between "NOTE it is recommended" and "should", please point me at the IEEE style guide or similar document that describes the distinction | Change "NOTE 2--It is recommended that the AP responds with a GAS comeback delay of zero." to "The AP should respond with a GAS comeback delay of zero." in the referenced subclause | Rejected – the group had again extensive discussion on this item and agreed that current language is appropriate for this particular behaviour. No further changes are needed to the draft. |

1. **Proposed changes**
* Reduced Neighbor Report element
* Neighbor AP Information field

**[…]**

***TGax editor: Modify the paragraph below as follows (#22088):***

The Filtered Neighbor AP subfield is 1 bit in length. When included in an individually addressed Probe Response frame, it is set to 1 if the SSID corresponding to every AP in this Neighbor AP Information field matches the SSID in the corresponding Probe Request frame or if the Short-SSID corresponding to every AP in this Neighbor AP Information field matches the Short-SSID in the corresponding Probe Request frame. When included in a Beacon, broadcast Probe Response or FILS Discovery frame transmitted by a non-TVHT AP, it is set to 1 if the SSID corresponding to every AP in this Neighbor AP Information field matches the SSID of the transmitting AP’s BSS. It is set to 0 otherwise.

**[…]**

***TGax editor: Modify the table 9-281-TBTT Information field contents as follows (#22428):***

|  |
| --- |
| * TBTT Information field contents
 |
| TBTT Information Length subfield value | TBTT Information field contents |
| 1 | The Neighbor AP TBTT Offset subfield |
| 2 | The Neighbor AP TBTT Offset subfield and the BSS Parameters subfield  |
| 5 | The Neighbor AP TBTT Offset subfield and the Short-SSID subfield |
| 6 | The Neighbor AP TBTT Offset subfield, the Short-SSID subfield, and the BSS Parameters subfield |
| 7 | The Neighbor AP TBTT Offset subfield and the BSSID subfield |
| 8 | The Neighbor AP TBTT Offset subfield, the BSSID subfield, and the BSS Parameters subfield |
| 11 | The Neighbor AP TBTT Offset subfield, the BSSID subfield andthe Short-SSID subfield |
| 12 | The Neighbor AP TBTT Offset subfield, the BSSID subfield, the Short-SSID subfield and the BSS Parameters subfield |
| 0, ~~2~~3–4, ~~6, 8–10, 12–255~~ 9–10 | Reserved |
| 13–255 | Reserved expect that the first 12 octets of the field are the same as for TBTT Information Length  |

* Neighbor Report element

***TGax editor: Modify the following sentences as follows (#22140):***

The HE Capabilities subelement has the same format as the HE Capabilities element (see 9.4.2.247 (HE Capabilities element)).

The HE Operation subelement has the same format as the HE Operation element (see 9.4.2.248 (HE Operation element)).

The BSS Load subelement has the same format as the BSS Load element (see 9.4.2.27 (BSS Load element)).

The HE BSS Load subelement has the same format as the HE BSS Load element (see 9.4.2.257 (HE BSS Load element)).

The SSID subelement has the same format as the SSID element (see 9.4.2.2 (SSID element)).