IEEE P802.11
Wireless LANs

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| Multiple BSSID Clarification – Part 3 |
| Date: January 8, 2019 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Abhishek Patil | Qualcomm Inc. |  |  | appatil@qti.qualcomm.com |
| Alfred Asterjadhi | Qualcomm Inc. |  |  | aasterja@qti.qualcomm.com |
| George Cherian | Qualcomm Inc. |  |  | gcherian@qti.qualcomm.com |

 Abstract

There are no CIDs associated with the proposed changes in this document.

Revisions:

* Rev 0: Initial version of the document.

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. This introduction is 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 of adopting the changes, the TGax editor will execute the instructions rather than copy them to the TGax Draft.***

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| **CID** | **Commenter** | **Pg / Ln** | **Section** | **Comment** | **Proposed Change** | **Resolution** |
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**Discussion:**

1. REVmd D2.0 has deleted the MIB variable dot11MultiBSSIDActived and replaced all references with dot11MultiBSSIDImplemented
2. Since support for multiple BSSID is mandatory for a non-AP HE STA, the change from #1 above, would simplify the description for certain situations.
	1. E.g., there is no need to say “A non-AP STA with dot11MultiBSSIDActivated set to true and associated with a nontransmitted BSSID…”
3. 11ax D3.3 has a couple of references to nontransmitting BSSID – there is no such thing as nontransmitting BSSID. This should be replaced with nontransmitted BSSID
4. 11ax D3.3 has inconsistent description of how STAs associated with nontransmitted BSSID obtain parameter values. Instead of repeating the text, which can lead to errors (or inconsistency in spec text), it is better to make reference to a single section (clause) 11.1.3.8 which covers inheritance.

***TGax Editor: Please replace all occurrences of dot11MultiBSSIDActivated to dot11MultiBSSIDImplemented in the 11ax spec***

* General

***TGax Editor: Please make the changes as shown below to the following paragraph in this section:***

A non-AP HE STA shall maintain an internal OCW and an internal OBO counter. OCW is an integer in the range *OCWmin* to *OCWmax*. A non-AP HE STA shall obtain *OCWmin* and *OCWmax* from the most recently received UORA Parameter Set element carried in the Management frames transmitted by its associated AP, unless the non-AP HE STA is associated with a nontransmitted BSSID of a Multiple BSSID set in which case, it shall follow the rules described in 11.1.3.8 (Multiple BSSID Procedure) to determine the parameter values.

* General

***TGax Editor: Please make the changes as shown below to the following paragraph in this section:***

A non-AP HE STA shall obtain TWT parameter values from the most recently received TWT element carried in the Management frames of its associated AP, unless the non-AP HE STA is associated with a nontransmitted BSSID of a Multiple BSSID set in which case, it shall follow the rules described in 11.1.3.8 (Multiple BSSID Procedure) to determine the parameter values.

* STA behavior

***TGax Editor: Please make the changes as shown below to the following paragraph in this section:***

A non-AP STA shall obtain NDP Feedback Report parameter values from the most recently received NDP Feedback Report Parameter Set element carried in the Management frames received from its associated AP, unless the non-AP HE STA is associated with a nontransmitted BSSID of a multiple BSSID set in which case, it shall follow the inheritance rules described in 11.1.3.8 (Multiple BSSID Procedure) to determine the parameter values. If the NDP Feedback Report Parameter Set element is not received in a Management frame that has a TA whose value is equal to the BSSID of the associated AP or to the transmitted BSSID of the multiple BSSID set, the non-AP STA shall use default values for the NDP Feedback Report parameters.

* General

***TGax Editor: Please make the changes as shown below to the following paragraph in this section:***

An AP that transmits a PPDU may solicit an HE TB PPDU from one or more non-AP STAs through one of the following mechanisms:

* Including in the PPDU one or more Trigger frames that include one or more User Info fields with one of the following AID12 subfield settings:
* The AID12 subfield is set to the 12 LSBs of the AID of the non-AP STA if the User Info field is addressed to a STA that is associated with the AP.
* The AID12 subfield is set to the 12 LSBs of the AID of the non-AP STA if the User Info field is addressed to a STA that is associated with a nontransmitted BSSID in a multiple BSSID set that the AP belongs to, the TA field of the Trigger frame is set to the transmitted BSSID and the non-AP STA has set the Rx Control Frame To MultiBSS sub-field in the HE Capabilities element it transmits to 1.
* STA behavior

***TGax Editor: Please make the changes as shown below to the following paragraph in this section:***

A non-AP STA is scheduled to respond to the NFRP Trigger frame if all the following conditions are met:

* The non-AP STA is associated with the BSSID indicated in the TA field of the NFRP Trigger frame or the non-AP STA is associated with a nontransmitted BSSID of a multiple BSSID set and the TA field of the NFRP Trigger frame is set to the transmitted BSSID of that multiple BSSID set