### IEEE P802.11Wireless LANs

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| 11ax D4.1 MAC Multiple BSSID Minor Bug Fix |
| Date: 2019-05-08 |
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Abstract

This submission proposes resolutions of TGax Draft D4.1 with minor bug fix:

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 D4.1 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGax D4.1 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** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
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**Discussion #1:** *Error for the name of Multiple BSSID Configruation element.*

D4.1 changes the name of the “Active BSSID count” element to “Multple BSSID Configuration” element. The name in Table 9-94, 9-34, 9-41, and 9-47 also need to be updated.

**Discussion #2:** *Refined text for multiple BSSID*

11ax editor suggests a better wording for the following sentence to remove the usage of “want”.

*When an AP not operating on 6 GHz band with dot11MultiBSSIDImplemented set to true and advertising a partial list of nontransmit-ted BSSID profiles wants a non-AP STA to discover the complete list of nontransmitted BSSID profiles, where a complete list of nontransmitted BSSID profile comprises of BSSIDs that are discoverable, the AP shall operate as an EMA AP.(#21151)*

We propose the following to address the comment.

*An AP that is not operating in 6GHz, has dot11MultiBSSIDImplemented set to true, and does not advertise a complete list of nontransmitted BSSID profiles, where a complete list of nontransmitted BSSID profile comprises of BSSIDs that are discoverable, shall operate as an EMA AP*

**Propose:**  Per discussion and editing instructions in 11-19/0753r0.

***TGax editor: Change “Active BSSID Count” in Table 9-94 Element IDs to “Multiple BSSID Configuration”***

***TGax editor: Change “Active BSSID Count” in Table 9-34 Beacon frame body to “Multiple BSSID Configuration”***

***TGax editor: Change “Active BSSID Count” in Table 9-41 Probe Response frame body to “Multiple BSSID Configuration”***

***TGax editor: Change “Active BSSID Count” in Table 9-47 DMG Beacon frame body to “Multiple BSSID Configuration”***

***TGax editor: Change 11.1.3.8 Multiple BSSID procedure***

* Maintaining synchronization
* Multiple BSSID procedure

Change the 1st paragraph as follows:

A STA that supports the Multiple BSSID capability has dot11MultiBSSIDImplemented equal to true and shall set to 1 the Multiple BSSID field of the Extended Capabilities elements that it transmits. Support for the Multiple BSSID capability is mandatory for a FILS STA and non-AP HE STA. An AP that supports enhancements related to the discovery and advertisement of a nontransmitted BSSID shall set the Enhanced Multi-BSSID Advertisement Support bit in the Extended Capabilities element to 1 and is referred to as an EMA AP. An AP operating on the 6 GHz band with dot11MultiBSSIDImplemented set to true and advertising a partial list of nontransmitted BSSID profiles shall operate as an EMA AP. An AP that is not operating in the 6 GHz band, has dot11MultiBSSIDImplemented set to true, and does not advertise a complete list of nontransmitted BSSID profiles , where a complete list of nontransmitted BSSID profile comprises of BSSIDs that are discoverable, shall operate as an EMA AP.(#21151)