IEEE P802.11
Wireless LANs

|  |
| --- |
| Proposed resolution for CID 1095 |
| Date: 2018-11-14 |
| Author: |
| Name | Affiliation | Address | Phone | Email |
| Edward Au | Huawei Technologies | 303 Terry Fox Drive, Suite 400, Ottawa, Ontario K2K 3J1 |  | edward.ks.au@huawei.com  |

##### This submission present a resolution for CID 1095. The proposed changes are based on REVmd/D1.4.

##### Revision history:

##### R0 – initial version

R1 – Resolution is updated based on comments in September 2018 interim

R2 – Resolution is updated based on comments from Mark Rison and Mark Hamilton.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 1095 | 11.1.3.8 | 1943 | 53 | Only one type of STA (the WMN STA) requires dot11WirelessManagement=true as a precondition for multiple BSSID capability. However, doesn't the WMN STA by definition have dot11WirelessManagement=true? | Delete "When dot11MultiBSSIDImplemented is true, dot11WirelessManagementImplemented shall be equal to true except for a DMG STA (11ah)and for an S1G STA, in which case it may be equal to false." |

***Discussion:***



Comments from Mark Hamilton:

*The convention agreed by the WG (from the ARC proposal) is that dot11…Implemented is used for any feature which is statically operational, based solely on the capability being implemented/supported in the STA. If/only if the capability can be enabled dynamically does it switch to the dot11…Activated name.*

*The first paragraph in 11.1.3.8 is a perfect example of the confusion we have currently in the Standard. This paragraph mixes up …Implemented and …Activated, with very confusing language describing the difference (if there even is a difference). But, it seems that this paragraph is describing a feature that is static – it is either implemented or not, and there is no dynamic mechanism for enabling it. So, I think this should use (only) the dot11…Implemented style.*

***Proposed resolution:***

**Revised**

Replace the first paragraph of 11.1.3.8 with the following:

“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.”

Replace “dot11MultiBSSIDActivated” with “dot11MultiBSSIDImplemented” in clauses 6, 9, 10, and 11.

Delete the entry “dot11MultiBSSIDActivated” from Dot11WirelessMgmtOptionsEntry in 3853.49.

Delete the description of “dot11MultiBSSIDActivated” from 3855.54 to 3856.1.