IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Proposed resolution for CID 4603 | | | | |
| Date: 2020-05-06 | | | | |
| Author: | | | | |
| Name | Affiliation | Address | Phone | Email |
| Edward Au | Huawei Technologies | 303 Terry Fox Drive, Suite 400, Ottawa, Ontario K2K 3J1 |  |  |

##### This submission present a resolution for CID 4603. The proposed changes are based on REVmd/D3.2.

##### Revision history:

##### R0 – initial version

##### R1 – update based on the feedback received from the May 6th CRC call.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 4603 | C.3 | 3903 | 59 | "Deprecated as the related feature has been removed from the standard." -- err, multiple BSSID set support has not been removed fom the standard! | As it says in the comment |

***Discussion:***

This CID is related to CID 1095 that has been discussed in November 2018 (https://mentor.ieee.org/802.11/dcn/18/11-18-1566-03-000m-proposed-resolution-for-cid-1095.docx).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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." |



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 for CID 1095:

**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.

For the MIB attribute “dot11MultiBSSIDActivated”:

1. Change its STATUS to “Deprecated” in 3855.55.
2. Insert a new first line in the DESCRIPTION in 3855.59: “Deprecated as the related feature has been removed from the standard”.
3. In TGmd draft 1.6, find any reference to the variable in any GROUPs and re-instate this reference.
4. Change the group’s STATUS to “Deprecated”.
5. In the DESCRIPTION, insert a new first line: “Superseded by YYYY.” (Note that “YYYY” is the new GROUP name.)
6. For each of the groups noted above, copy the group, set its status to “Current” and increment (or add) a number after the name of the group name (e.g. dot11SMTbase11 -> dot11SMTbase12).
7. Make the corresponding changes (e.g. add or remove MIB varables) in the new group.
8. For each reference to one of the noted groups from a compliance statement, update it to refer to the new group.

In Draft 3.2, there is an instance of “dot11MultipleBSSIDActivated” that is yet to be replaced by “dot11MultiBSSIDImplemented”.



**Proposed resolution for CID 4603:**

Revised

At 999.32, replace “dot11MultipleBSSIDActivated” with “dot11MultiBSSIDImplemented”.

At 3901.53, replace “Deprecated as the related feature has been removed from the standard.” with “Deprecated as dot11MultiBSSIDActivated has been removed from the standard.”

Reply to the commenter: The Multi BSSID feature is not deprecated.