IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Resolutions to CID 20256, 20257 | | | | |
| Date: 2019-03-11 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Jarkko Kneckt | Apple Inc | Cupertino, CA |  | jkneckt@apple.com |
|  |  |  |  |  |

Abstract

This submission provides resolution to two CIDs.

In the previous January 2019 IEEE meeting the Submission 19/0061r7 was motioned in in CR Motion #782 at Jan2019 IEEE meeting. 802.11 Draft 4.0 did not implement the submission 19/0061r7 correctly. These comment resolutions correct 802.11ax to match with the agreed

These CIDs add text to 802.11ax

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause Number(C)** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 20256 | 9.3.3.10 | 122 | Submission 19/0061r7 was motioned in in CR Motion #782 at Jan2019 IEEE meeting. This submission includes Short SSID to the Probe Request frames, but it is not shown in D4.0 | Include Short SSID List to the Probe Request frames motioned in the CR Motion #782 in Jan 19. | Revised. Agree in principle with the comment. TGax editor to make changes as shown in 11-19/447r1 that are marked with CID 20256 |
| 20257 | 11.1.4.3.4 | 275 | D4.0 has implemented wrong reference number. The submission 19/0061r7 contains a reference to the clause 27.16.1a.1 (Out of the band discovery of 6GHz BSS) which discusses how the 6 GHz BSSs are advertised in 2.4 and 5 GHz bands. D4.0 has a reference to "scanning in 6 GHz". The reference should be to the "out of the band discovery" clause, because this clause defines how 6 GHz BSS information is present in the lower bands. | Please change the reference at the end of the steps 2a and 6 to 26.17.2.4 (Out of band discovery of a 6 GHz BSS), as should be implemented based on the accepted CR motion #782. | Revised. Agree in principle with the comment. TGax editor to make changes as shown in 11-19/447r1 that are marked with CID 20257 |

Discussion – none.

**9.3.3.10 Probe Request frame format**

**TGax Editor: *Add the following item before the Vendor Specific element to the Table 9–40.***

**Table 9-40—Probe Request frame body**

|  |  |  |
| --- | --- | --- |
| **Order** | **Information** | **Notes** |
| 36 | Short SSID List | The Short SSID List is optionally present, if the dot11ShortSSIDListImplemented is true. Not present otherwise. *(#20256)* |

**TGax Editor: Modify criteria g) as shown below with the text on red and blue colors:**

**11.1.4.3.4 Criteria for sending a response**

g) The STA is not a mesh STA and none of the following criteria are met:

1)  The SSID in the Probe Request frame is the wildcard SSID

2)  The SSID in the Probe Request frame matches the SSID of the STA’s.

2a) The dot11ColocatedRNRImplemented is true, the SSID in the Probe Request frame matches the SSID of an AP that is co-located with the STA and the AP is reported by the STA in a Reduced Neighbor Report element in Beacons and Probe Responses according to the rules defined in ~~27.16.1a.1 (Out of band discovery of 6 GHz BSS).~~ 26.17.2.4 (Out of band discovery of a 6 GHz BSS). *(#20257)*

3)  The dot11SSIDListImplemented is true, the SSID List element is present in the Probe Request frame and includes the SSID of the STA’s BSS.

4)The dot11ColocatedRNRImplemented is true, the dot11SSIDListImplemented is true, the SSID List element is present in the Probe Request frame and includes the SSID corresponding to an AP that is co-located with the STA and the AP is reported by the STA in a Reduced Neighbor Report element in Beacons and Probe Responses according to the rules defined in 26.17.2.4 (Out of band discovery of a 6 GHz BSS). .

5) The dot11ShortSSIDListImplemented is true, the Short SSID List element is present in the Probe Request frame and includes the Short SSID corresponding to the SSID of the STA's BSS.

6) The dot11ColocatedRNRImplemented is true, the dot11ShortSSIDListImplemented is true, the Short SSID List element is present in the Probe Request frame and includes the Short SSID corresponding to the SSID of an AP that is co-located with the STA and the AP is reported by the STA in a Reduced Neighbor Report element in Beacons and Probe Responses according to the rules defined in ~~27.16.1a.1 (Out of band discovery of 6 GHz BSS).~~ 26.17.2.4 (Out of band discovery of a 6 GHz BSS). *(#20257)*

**References:**