IEEE P802.11
Wireless LANs

|  |
| --- |
| Comment Resolution for Subclauses  |
| Date: 2013-09-11 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Amin Jafarian | Qualcomm Inc. | 5775 Morehouse Dr San Diego, CA 92109 | 1-858-651-9464 | [Jafarian@qti.qualcomm.com](file:///C%3A%5CUsers%5Cjafarian%5CDocuments%5CMy%20Files%5CMAC%5C11ah%5CDraft%20writing%5CD0.1_comments%5Cmine%5Cv2%5CJafarian%40qti.qualcomm.com) |
| Simone Merlin | Qualcomm Inc. | 5775 Morehouse Dr San Diego, CA 92109 |  | [Smerlin@qti.qualcomm.com](file:///C%3A%5CUsers%5Cjafarian%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.Outlook%5CIKDQ4JNH%5CSmerlin%40qti.qualcomm.com) |

Abstract

This document provides resolution for subcluase 10.2.1.19

CIDs: 66, 67, 419, 766

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **P** | **L** | **Sub C.** | **Comment** | **Propose Change** | **Resolution** |
| 419 | 172 | 46 | 10.2.1.19 | AP hibernation functionality will be very useful for scheduled powersaving operation such as scheduled black-out | as in the comment | Reject: The comment does not identify an issue with the current draft and does not propose a solution  |
| 766 | 172 | 62 | 10.2.1.19 | It has been considered that AP doze state by AP power management function may pose difficulty, and possible user bad experience due to the un-reliable broadcating notice within entire BSS. So enhanced reliability of AP doze notification may deserve. | Include the possible set of scenerios and remedies when a STA could not be aware of the daze state of AP, especially except for RAW, PRAW or TWT intervals, e.g. after existing (not S1G specific) Poll or request has occurred. For instance, Count down type announcement of AP doze state or "trickle" type transition from awake to doze. | Reject: the comment waguely identify an issue; proposed resolution is also vague. It is not clear what is the possible user bad experience and the  |
| 66 | 173 | 22 | 10.2.1.19 | it is not clear what happens if an AP in sleep mode send a frame indicatig it is awake | clarify the protocol. Will bring a document with resolution | Revised: See the changes TGah Editor to make the changes as shown in the document 11-13-0979-01-00ah  |
| 67 | 173 | 26 | 10.2.1.19 | change the line: "For operating in Doze state, AP shall indicate a RAW for other types oftraffic (e.g., association andauthentication frames)." | it should be changed to: "For operating in Doze state when AP sets the PM Mode to 1 in the Beacon, it shall indicate a RAW for other types of traffic (e.g., association andauthentication frames)." | Revised: The concept is adopted. It is addressed on IEEE802.11-13/822r0 |

*Instruction to Editor: Please add the following paragraph to the end of subcaluse 10.2.1.19:*

A STA that is the intended receiver of a frame transmitted by an AP that has the PM Mode subfield set to 0 shall consider the AP in Active mode.

An AP that has previously sent a frame to one or a group of STAs with PM bit equal to 0, shall send a frame with PM bit set to 1 to the same set of STAs before changing its operation mode to Power Save mode.

A STA that is the intended receiver of a frame transmitted by an AP that has the PM Mode subfield set to 1 shall consider the AP in Power Save mode.