IEEE P802.11
Wireless LANs

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| Proposed Resolution for CID 101 CC35, Clause 11.2.1  |
| Date: 2021-10-22 |
| Author(s): |
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Abstract

This document provides a proposed comment resolution for CID 101 for CC35.

The comments are available in: <https://mentor.ieee.org/802.11/dcn/21/11-21-0793-000m-revme-mac-comments.xls>.

Status: Highlighting in CID column indicates the status of the discussion on the CID:

Not Discussed (not highlighted)

Discussed additional discussion required (date of discussion(s) is(are) located below CID number)

Discussed / ready for SP (date of discussion(s) is(are) located below CID number)

SP run / ready for Motion (date of the SP is located below the date of discussion)

Motioned (date of Motion is located below the date of the SP)

Resolution Status: Highlighting in the Resolution column indicates:

Yellow highlighted text needs to be discussed

Red highlighted text has been discussed and additional discussion is required

**CIDs for Clause 11.2.1, Page 2148, lines 48:**

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| --- | --- | --- | --- |
| **CID** | **Comment** | **Proposed Change** | **Resolution** |
| 101 | The statement "A STA can be in one of two power states" really only applies to a STA that is using the power management mode and should say so. Also, the critical factor that impacts AP behavior is that there is a known awake/doze schedule that the AP and STA are aware of and the AP must buffer frames for the STA with an active PS mode according to the schedule and mode. The actual state of the STA is not a function of the agreed PS mode awake/doze schedule. | Replace "A STA can be in one of two power states:"With "A STA in power save (PS) mode is scheduled to be in one of two states:" | Accept |

*Note if this change is agreed, additional changes may need to be made throughout the power management clauses.*

Red lined text (based on REVme\_D0.3):

* Power management
* General

A STA in power save (PS) mode is scheduled to be in one of two power states:

* Awake: STA is fully powered.
* Doze: STA is not able to transmit or receive and consumes very low power.

The manner in which a STA transitions between power states is determined by its power management mode and reflected in dot11PowerManagementMode.

The power management mode of a STA is selected by the PowerManagementMode parameter of the MLME-POWERMGT.request primitive or MLME-MESHPOWERMGT.request primitive. Once the STA updates its power management mode, the MLME shall issue an MLME-POWERMGT.confirm primitive or MLME-MESHPOWERMGT.confirm primitive respectively indicating the success of the operation.

**References:**