IEEE P802.11
Wireless LANs

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Abstract

This document provides a resolution for CID 4003.

***Instruct the editor to modify IEEE P802.11-REVmd/D3.4 as follows:***

* General

The MAC architecture is shown in Figure 10-1 (Non-DMG non-CMMG non-S1G STA MAC architecture), Figure 10-2 (S1G STA MAC architecture), Figure 10-3 (DMG STA and CMMG STA MAC architecture).

[…]

In a DMG STA:

* The MAC provides services using the DMG channel access mechanisms.

In a CMMG STA:

* The MAC provides services using the CMMG channel access mechanisms.

In a either a DMG or a CMMG STA:

* Specific rules apply for access during scheduled periods, which include the association beamforming training (A-BFT) period, announcement transmission interval (ATI), contention based access period (CBAP), and service period (SP).
* The DCF is used during contention based access periods.
* Dynamic allocation (10.39.7 (Dynamic allocation of service period)) is built on service period and contention based access period.

The MAC maintains information in local variables called *MAC variables*. MAC variables that hold state information are also called *state variables*.



Figure 10-3--DMG STA and CMMG STA architecture