IEEE P802.11  
Wireless LANs

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| CID 14060 Proposed Resolution | | | | |
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| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Dorothy Stanley | Aruba Networks | 1322 Crossman ave, Sunnyvale, CA | +1 630 363 1389 | [dstanley@arubanetworks.com](mailto:dstanley@arubanetworks.com) |
| Michael Montemurro | RIM |  |  | [Mmontemurro@rim.com](mailto:Mmontemurro@rim.com) |

Abstract

Proposed resolution to CID 14060.

CID 14060[10.3.1, 1096.21]:

"the state variable expresses the relationship between the local STA and the remote STA." This is also valid for mesh STA, although the state variable management is slightly different. Wording here should clarify this fact.

Commenter’s Proposed resolution:

Replace

"For non-mesh STAs, this state variable expresses the relationship between the local STA and the remote STA. It takes on the following values:"

with

"This state variable expresses the relationship between the local STA and the remote STA. For non-mesh STAs, it takes on the following values:"

Also replace

"The state variable is kept within the MLME (i.e., is written and read by the MLME). The SME may also read this variable.

Mesh STAs manage the state variable as described in 13.3.2 (State variable management)."

with

"Mesh STAs manage the state variable as described in 13.3.2 (State variable management).

The state variable is kept within the MLME (i.e., is written and read by the MLME). The SME may also read this variable." (swap the order of these paragraphs).

***Intruct the editor to modify section 10.3.1 as indicated:***

A STA (local) for which dot11OCBActivated is false keeps an enumerated state variable for each STA

(remote) with which direct communication via the WM is needed. In this context, direct communication

refers to the transmission of any class 2 or class 3 frame with an Address 1 field that matches the MAC

address of the remote STA.

A STA for which dot11MeshActivated is true (i.e., a mesh STA) does not use procedures described in 10.3.3 (Association, reassociation, and disassociation). Instead, a mesh STA uses a mesh peering management protocol (MPM) or a authenticated mesh peering exchange (AMPE) to manage states and state variables for each peer STA. See 13.3 (Mesh peering management (MPM)) and 13.5 (Authenticated mesh peering exchange (AMPE)) for details.

A STA for which dot11OCBActivated is true does not use MAC sublayer authentication or association and does not keep this state variable.

, This state variable expresses the relationship between the local STA and the remote STA. For non-mesh STAs and STAs for which dot11OCBActivated is false, it takes on the following values:

— State 1: Initial start state, unauthenticated, unassociated.

— State 2: Authenticated, not associated.

— State 3: Authenticated and associated (Pending RSN Authentication).

— State 4: Authenticated and associated.

The state variable is kept within the MLME (i.e., is written and read by the MLME). The SME may also read this variable.

**References:**