IEEE P802.11  
Wireless LANs

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| Proposed Update for Figure 11-23 in 802.11REVme D5\_0 | | | | |
| Date: 2024-05-13 | | | | |
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Abstract

This document provides an updated figure to replace Figure 11-23 in 802.11REVme D5.0. This updated proposed figure addresses an issue raised during 802.11 TGme discussions that: when a STA reassociates to the AP it is associated with (the same AP) it can maintain State 4. The proposed figure also provides some editorial changes the “clean-up” the figure.

r0: original proposed updated for Figure 11-23

r1: Correction a STA reassociating with the same AP can move from State 4 to State 3 (based on off line discussions).

Discussion

This document contains a Viso file containing the original Figure 11-23 in 802.11REVme D5.0 and the proposed updated figures for Figure 11-23, both of which are also provided for discussion on the following two pages.

Proposed Technical Change:

During 802.11 TGme discussions it was noted that: when a STA reassociates to the AP it is associated with (the same AP) it can transission from State 4 to State 3 and that this is not shown in Figure 11-23. So, the figure was updated to add reassociation to the same AP to move out of State 4 and into State 3, this is shown at the bottom left of the proposed figure.

Non-Technical Changes:

Multiple editorial changes the “clean-up” the figure:

1. Lines showing the flow from one state to another have all been updated to use the same line thickness and style. The locations of these lines have also been adjusted, to allow space of the associated text and general uniform aesthetic.
2. Labelling of the flow lines has been made more uniform and the location of the associated text each line has been placed above the line where it exits the state.
3. The style of the associated text has been changed so that the parenthetical portion of the text is now in a smaller font size, so that the text fit better in the figure.
4. The style of the associated text has been changed so that text with numbers, have the numbers in bold.
5. The style of the associated text that contained additional blank lines, have these blank lines removed.
6. The style of the associated text has been made been made more uniform with all words starting with a capital letter.
7. The wording regarding RSNA (is and is not) has been updated:
   1. “Successful (Re)Association – RSNA Required” changed to “Successful (Re)Association That Is An RSNA”
   2. “1. Successful (Re)Association – No RSNA Required” changed to "**1.** Successful (Re)Association That Is Not An RSNA”

Figure 11-23 from 802.11REVme D5.0



Proposed updated figure (11-23) for 802.11REVme D6.0



**References:**

Proposed new figure for 802.11REVme D6.0 (contains two Visio tabs, 1) the original figure (also provided in the Figure\_11\_12.vsd below) and 2) the proposed new figure.



Original Viso Figure in 802.11REVme D5.0

