IEEE P802.11
Wireless LANs

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| Resolution for CID 2222 |
| Date: 2019-09-03 |
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##### This submission present proposed resolution for CID 2222. The proposed changes are based on REVmd/D2.3.

##### Revision history:

##### R0 – initial version

##### R1 – updated based on the discussion on August 20

##### R2 – updated based on the discussion on September 3

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| CID | Clause | Page | Line | Comme | Proposed Change |
| 2222 | 11.48 | 2225 | 1 | In Figure 11-20, what does "HC/non-AP STA" mean? ("or"? "and"? something else?) Similarly, globally, for all "HC/non-AP" or "HC/AP"? "AP/STA"? "AP/HC"? "STA/Supplicant" "AP/Authenticator" | Change the definition of association from "The service used to establish access point/station (AP/STA) mapping ..." to "The service used to establish a mapping between an access point (AP) and a station (STA) ...".At P2150.55, change "AP/HC" to "AP or HC".In Figure 12-54, change "AP/Authenticator" to "AP and Authenticator", and "STA/Supllicant" to "STA and Supplicant"At 1126.3, change "HC/AP" to "HC". In Figures 11-18 and 11-20, and at P2220.12, P2220.17, P2220.21, P2221.21, P2224.22 and P2229.17, change "HC/non-AP" to "HC"In 12.7.6.6, second paragraph, change "the STA" to "the Supplicant", and change "AP/STA" to "AP or peer STA". |

***Discussion:***

The figure of interest is shown below.

 

In clause 3.1 (Definition):



Proposed resolution:

Revised

At 158.5, change the definition of association in clause 3.1 from “The service used to establish access point/station (AP/STA) mapping ...” to “The service used to establish a mapping between an access point (AP) or personal basic service set (PBSS) control point (PCP), and a station (STA) ...”.

In Figure 4-35, replace “STA/Supplicant” with “STA”, “AP/Authenticator” with “AP”, and “Trusted Third Party” with “TTP”.

Change the caption of Figure 4-35 to “FILS Authentication using TTP”.

At 293.27, replace “A non-AP STA and an Authentication Server (AS) using FILS Shared Key authentication …” with “A non-AP STA and a trusted third party (TTP) using FILS Shared Key authentication …”

At 297.49, replace “A channel for the Supplicant/AS authentication” with “A channel for the Supplicant and AS authentication”.

At 1139.21, replace “HC/AP” with “HC”.

At 1848.47, replace “STA/AP” with “STA”.

At 2172.4, replace “AP/HC” with “AP or HC”.

At 2247.40, replace “non-PCP / non-AP STA” with “non-PCP and non-AP STA”.

In Figures 11-18 and 11-20, and at P2241.28, P2241.33, P2241.36, P2242.38, P2245.42 and P2250.48, change “HC/non-AP” to “HC”

In clause 12.7.6.6, second paragraph at 2663.19-20, change "the STA" to "the Supplicant", and change "AP/STA" to "AP or peer STA".

At 2693.45, replace “a trusted third party (TTP)” with “a TTP”.

In subclause 12.12.2.3.1 except at 2701.12, replace “Authentication Server” with “TTP”.

At 2701.12, replace “TTP Authentication Server” with “TTP”.

In Figure 12-55, change “AP/Authenticator” to “AP”, “STA/Supplicant” to “STA”, “Authentication Server (AS)” to “TTP”, and “AS possesses” with “TTP possesses”.

At 282.46, replace “IEEE 802.1X Supplicant/Authenticator” with “IEEE 802.1X Supplicant and Authenticator”.

At 2551.34, replace

“Each side may initiate the protocol simultaneously such that each side views itself as the “initiator” for a particular run of the protocol. Such a peer-to-peer protocol may be used in a traditional client-server (or Supplicant/Authenticator) fashion but the converse does not hold. This requirement is necessary to address the unique nature of MBSSs.”

with

“Each side may initiate the protocol simultaneously such that each side views itself as the “initiator” for a particular run of the protocol. ~~Such a peer-to-peer protocol may be used in a traditional client-server (or Supplicant/Authenticator) fashion but the converse does not hold~~. This ~~requirement~~ is necessary to address the unique nature of MBSSs.”

In clause 6.3.102, replace “authentication/association” with “authentication and association”.