IEEE P802.11
Wireless LANs

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| Resolution for CID 33 FILS HLP |
| Date: 2017-07-10 |
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Abstract

Proposed resolution for CID 33 on FILS HLP against REVmd-D0.1

CID 33

**Comment (Cls. 11.47.1; P2050L21):**

"A FILS AP advertises its FILS authentication and FILS higher layer setup capabilities by including a FILS Indication element, as specified in 9.4.2.183 (FILS Indication element) and 11.47.4 (FILS authentication and higher layer setup capability indications), in Beacon, Probe Response, and/or FILS Discovery frames." This is bugging me, does it mean that the FILS AP need only send the FILS advertisement in the FILS Discovery frame, and leave it out of the Probe Response and the Beacon? It seems to be saying that. If true, then better made clear using either and or. If not true, then get of the "or".

**Proposed Resolution by commenter:**

If FILS AP can send only in FILS DF then change text to ""A FILS AP advertises its FILS authentication and FILS higher layer setup capabilities by including a FILS Indication element, as specified in 9.4.2.183 (FILS Indication element) and 11.47.4 (FILS authentication and higher layer setup capability indications), in either Beacon, Probe Response, and FILS Discovery frames, or in FILS Discovery Frames only."

Discussion:

A FILS AP should advertise FILS authentication and FILS higher layer setup capabilities in all of the following frames: Beacon, Probe Response, FILS Discovery.

Reason: if only advertised in FILS Discovery frames, the non-AP STA would have to wait for a FD frame even if a Beacon was received.

Suggested Resolution:

Change:

“"A FILS AP advertises its FILS authentication and FILS higher layer setup capabilities by including a FILS Indication element, as specified in 9.4.2.183 (FILS Indication element) and 11.47.4 (FILS authentication and higher layer setup capability indications), in Beacon, Probe Response, and/or FILS Discovery frames.”

To

“"A FILS AP advertises its FILS authentication and FILS higher layer setup capabilities by including a FILS Indication element, as specified in 9.4.2.183 (FILS Indication element) and 11.47.4 (FILS authentication and higher layer setup capability indications), in all of the following frames: Beacon, Probe Response, and FILS Discovery."”

**References:**