IEEE P802.11
Wireless LANs

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| Dwell Time In Probe Request Text |
| Date: 2016-01-18 |
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Abstract

This document proposes the addition of a new information element called dwell time to the probe request frame. This information element indicates to the receiving AP the length of time that the client may remain listening for probe responses, MaxChannelTime.

This document uses 802.11-REVmc/D5.0, Jan 2016 as a baseline.

***Modify the table in the following clause:***

* + - 1. Probe Request frame format

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| Table 8-33 Probe Request frame body |
| Order | Information | Notes |
| 18 | FILS Request Parameters | The FILS Request Parameters element is optionally present if dot11FILSActivated is true. Optionally the FILS Request Parameters element may be used to communicate Max Channel Time and only the Max Channel Time if dot11FILSActivated is false. |
| 19 | AP-CSN | The AP-CSN element is optionally present if dot11- FILSActivated is true; otherwise not present.  |

***Modify and add the following paragraphs in the following subclause:***

* + - * 1. Active scanning procedure for a non-DMG STA

A FILS STA **shall** indicate its MaxChannelTime in the Max Channel Time field of the FILS Request Parameters element of the Probe Request frame to prevent the responding STA from transmitting the Probe response after the time indicated by the MaxChannelTime has elapsed.

Optionally a STA that is not a FILS STA may indicate its MaxChannelTime using the Max Channel Time field of the FILS Request Parameters element of the Probe Request frame to prevent the responding STA from transmitting the Probe response after the time indicated by the MaxChannelTime has elapsed.