IEEE P802.11
Wireless LANs

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| Proposed Draft Text: sensing session setup |
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Abstract

This submission contains the draft text for sensing session setup to help the creation of TGbf draft D0.1.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Add TBD.

# Introduction

Section 11.21.X.2 (Sensing session setup) with text is proposed.

Sensing session setup is defind in the SFD as follows:

A sensing session is an agreement between a sensing initiator and a sensing responder to participate in a WLAN sensing procedure (Motion 8, 20/1849r4; Motion 29, 21/1543r1).

In the sensing session setup of a WLAN sensing procedure, a sensing session is established, and operational parameters associated with the sensing session are determined and may be exchanged between STAs (Motion 15, 20/1851r4; Motion 29, 21/1543r1).

A sensing session is pairwise and is identified by MAC addresses and/or associated AID/UID (Motion 23, 21/0644r4).

A sensing initiator may maintain multiple sensing sessions (Motion 23, 21/0644r4).

***Editing instructions formatted like this are intended to be copied into the TGbf D0.1 Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbf editor: Editing instructions preceded by “TGbf editor” are instructions to the TGbf editor to modify existing material in the TGbf draft. As a result of adopting the changes, the TGbf editor will execute the instructions rather than copy them to the TGbf Draft.***

# Discussion

Besides initiator, we should also clarify a responder may participate in multiple sensing sessions.

# Text proposal – Editor instructions

11.21 Wireless network management procedures

11.21.X WLAN sensing (SENS) procedure

***TGbf editor: Insert clause 11.21.X.2 as follows:***

11.21.X.2 Sensing session setup

A sensing session is an agreement between a sensing initiator and a sensing responder to participate in a WLAN sensing procedure.

In the sensing session setup of a WLAN sensing procedure, a sensing session is established, and operational parameters associated with the sensing session are determined and may be exchanged between STAs.

A sensing session is pairwise and is identified by MAC addresses and/or associated AID/UID.

A STA may participate in multiple sensing sessions either as an initiator or as a responder.

A sensing initiator may maintain multiple sensing sessions to fulfil the requirements of a sensing procedure.

The detailed procedure is TBD.