IEEE P802.11
Wireless LANs

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| Proposed Modifications to Subclause 11.55.2.1 |
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Abstract

This submission proposes normative text which defines that STAs that support SBP shall also support the WLAN sensing procedure.

**Modifications**: Editor, change the existing text in 11.55.2.1 as follows:

SBP is a procedure that allows a non-AP STA to request an AP to perform WLAN sensing (see 11.55.1 (WLAN sensing procedure)(#455)) on its behalf.

Implementation of SBP is optional.

A STA in which both dot11WLANSensingImplemented and dot11SBPImplemented ~~is~~ are true shall set the SBP field of the Extended Capabilities element to 1(#176, #717).

A STA in which dot11SBPImplemented is false shall set the SBP field of the Extended Capabilities element to 0(#176, #717).

A non-AP STA may act as SBP initiator when both dot11WLANSensingImplemented and dot11SBPImplemented ~~is~~ are true.

An AP may act as SBP responder when both dot11WLANSensingImplemented and dot11SBPImplemented ~~is~~ are true.

**Modifications**: Editor, change the existing text in 11.55.4.1 as follows:

DMG SBP is the DMG variant of the SBP procedure. DMG SBP is a procedure that allows a non-AP and non-PCP STA to request a PCP/AP to perform DMG sensing (see 11.55.3 (DMG sensing procedure)) on its behalf.

Implementation of the DMG SBP procedure is optional for a DMG STA. A STA in which both dot11DMGSensingMsmtImplemented and dot11DMGSBPImplemented are ~~is~~ true is defined as a DMG STA that supports DMG SBP procedure.

A STA in which both dot11DMGSensingMsmtImplemented and dot11DMGSBPImplemented are ~~is~~ true shall set the DMG SBP field of the DMG Sensing Capabilities element to 1.

A STA in which dot11DMGSBPImplemented is false shall set the DMG SBP field of the DMG Sensing Capabilities element to 0.

A non-AP and non-PCP DMG STA may act as DMG SBP initiator when both dot11DMGSensingMsmtImplemented and dot11DMGSBPImplemented are ~~is~~ true.

A PCP/AP may act as DMG SBP responder when both dot11DMGSensingMsmtImplemented and dot11DMGSBPImplemented are true.