DFS Channel Identification in CBW

Objective

The objective of this article is to show you to how to identify channels that support Dynamic Frequency Selection (DFS) in Cisco Business Wireless (CBW) access points.

Applicable Devices | Software Version

- â CBW140AC | 10.8.1.0 **(Download latest)**
- â CBW141ACM | 10.8.1.0 **(Download latest)**
- â CBW142ACM | 10.8.1.0 **(Download latest)**
- â CBW143ACM | 10.8.1.0 **(Download latest)**
- â CBW145AC | 10.8.1.0 **(Download latest)**
- â CBW240AC | 10.8.1.0 **(Download latest)**

Introduction

Cisco Business Wireless devices support Dynamic Frequency Selection (DFS). In the US and in some other countries, some channels in the 5GHz band are used by other systems, such as radar. DFS can prevent this interference by removing the channels dynamically.

In CBW firmware version 10.8.1.0, a label has been added to 5GHz channels which support DFS. This makes it easy for you identify such channels and configure the settings. In the US, the DFS channels are 52-144. As a best practice, you can avoid using DFS channels if possible.

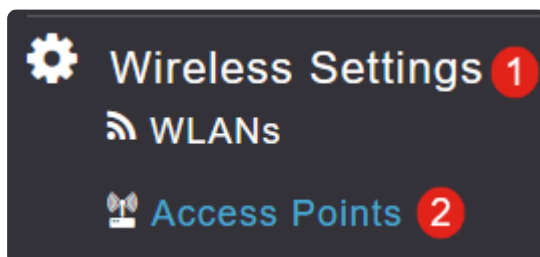## DFS Channel Identification

Step 1

Login to your Primary CBW AP.

Cisco Business

Cisco Business Wireless Access Point

Welcome! Please click the login button to enter your user name and password

Login

Step 2

Navigate to **Wireless Settings > Access Points.**

Wireless Settings 1
WLANs
Access Points 2

Step 3

Click on the **pencil icon** next to the access point you want to edit.

Step 4

Click **Yes** in the pop-up window to continue.
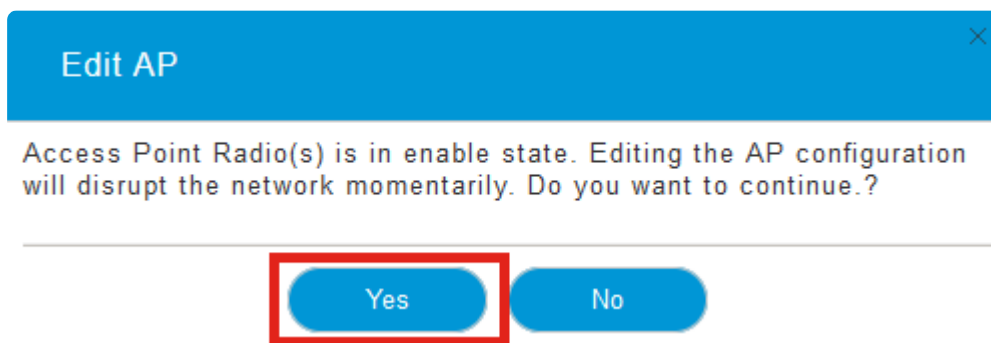
Step 5

Navigate to **Radio 2 (5GHz)** tab.

Step 6

Click the **Channel** drop-down menu to view the channels that support DFS.

Note:

In the US, channels 52 â€" 144 support DFS as indicated by the label **DFS** within parenthesis next to the channel number.

Conclusion

Thatâ€™s all there is to it. Now you know how to identify the channels that support DFS in your CBW AP.

For more information on radio frequency channels, check out **RF Channels on a Cisco Business Wireless Network**.