

Associate Wireless Scheduler on a Wireless Access Point

Objective

A Virtual Access Point (VAP) is the wireless equivalent of a Virtual Local Area Network (VLAN) which segments the Wireless Local Area Network (WLAN) and simulates multiple access points in one physical device. The wireless scheduler sets a time interval for a VAP or radio to be operational, which helps save power and increase security. You can associate up to 16 profiles to different VAPs or radio interfaces but each interface is allowed only one profile. Each profile can have a certain number of time rules that control the uptime of the associated VAP or WLAN.

Configuring the wireless scheduler lets you automate when the VAP and radio is enabled based on a predefined time interval. The radio is the physical part of the WAP that creates a wireless network. The radio settings on the WAP control the behavior of the radio and determine what kind of wireless signals the WAP sends out. Using the scheduler can help save power and increase security on the network.

This article provides you with instructions on how to associate the wireless scheduler profile on the WLAN or VAP interface of your Wireless Access Point (WAP).

Applicable Devices

- WAP100 Series
- WAP300 Series
- WAP500 Series

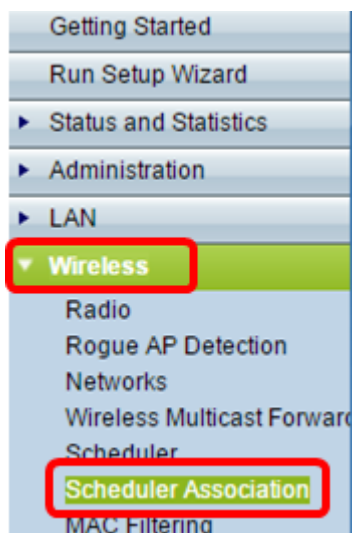
Software Version

- 1.0.0.17 — WAP571, WAP571E
- 1.0.1.2 — WAP150, WAP361
- 1.0.2.2 — WAP351, WAP131
- 1.0.6.2 — WAP121, WAP321
- 1.2.1.3 — WAP371, WAP551, WAP561

Associate Scheduler Profile with WLAN or VAP Interface

Important: Before proceeding with the configuration steps, make sure that you have already configured a wireless scheduler profile on your WAP. To learn how to configure a wireless scheduler profile or rule, click [here](#) for instructions.

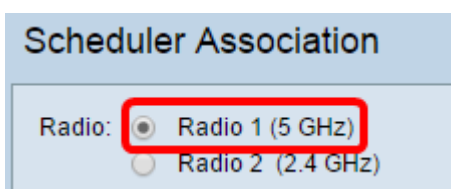
Step 1. Log in to the web-based utility and choose **Wireless > Scheduler Association**.



Note: The available options under the Wireless menu may vary according to your WAP. In this example, WAP571 is used.

Step 2. Click a radio button from the Radio area.

Note: If you have a WAP551, skip to [Step 3](#). The WAP551 is a single-band access point.



Note: The available options may vary according to your WAP. In this example, Radio 1 (5 GHz) is chosen.

[Step 3](#). Choose the profile to be associated with an interface from the Profile Name drop-down list next to the network interface.

Note: The VAP 0 interface is the physical radio interface of the device, hence, no profile can be associated to the interface.

Scheduler Association		
Network Interface	Profile Name	Interface Operational Status
WLAN 0 (Radio 1)	Weekdays ▾	Enabled
VAP 0 (Home WAP 1)	None Weekdays	Enabled
VAP 1 (Virtual Access Point 2)	None ▾	Disabled

The maximum of number of VAPs may vary depending on the WAP that you are using. The number of available VAPs per model are as follows:

- WAP500 Series (WAP551, WAP561, WAP571, WAP571E) — 16 VAPs
- WAP300 Series (WAP321, WAP351, WAP361, WAP371) — 8 VAPs
- WAP100 Series (WAP121, WAP131, WAP150) — 4 VAPS

Step 4. Click **Save**. The changes that are made on the radio or VAP are automatically saved on the running configuration and start-up configuration files.

Scheduler Association

Radio: Radio 1 (5 GHz)
 Radio 2 (2.4 GHz)

Scheduler Association		
Network Interface	Profile Name	Interface Operational Status
WLAN 0 (Radio 1)	Weekdays ▼	Enabled
VAP 0 (Home WAP 1)	None ▼	Enabled
VAP 1 (Virtual Access Point 2)	Weekdays ▼	Disabled
VAP 2 (Virtual Access Point 3)	None ▼	Disabled
VAP 3 (Virtual Access Point 4)	None ▼	Disabled
VAP 4 (Virtual Access Point 5)	None ▼	Disabled
VAP 5 (Virtual Access Point 6)	None ▼	Disabled
VAP 6 (Virtual Access Point 7)	None ▼	Disabled
VAP 7 (Virtual Access Point 8)	None ▼	Disabled
VAP 8 (Virtual Access Point 9)	None ▼	Disabled
VAP 9 (Virtual Access Point 10)	None ▼	Disabled
VAP 10 (Virtual Access Point 11)	None ▼	Disabled
VAP 11 (Virtual Access Point 12)	None ▼	Disabled
VAP 12 (Virtual Access Point 13)	None ▼	Disabled
VAP 13 (Virtual Access Point 14)	None ▼	Disabled
VAP 14 (Virtual Access Point 15)	None ▼	Disabled
VAP 15 (Virtual Access Point 16)	None ▼	Disabled

Save

Step 5. (Optional) Once you are prompted that your wireless settings are about to be updated and you may be disconnected, click **OK**.

Confirm



Your wireless settings are about to be updated. You may be disconnected.

OK

Cancel

Note: Only one scheduler profile is allowed to be associated with the WLAN interface or each VAP. Multiple VAPs can work with a single scheduler profile.

You should now have associated a scheduler profile on a WLAN or VAP interface of your WAP.