



Configuring the Access Point

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Configuring the Wireless LAN Controller IP Address on the Access Point

Follow these steps to configure the IP address of the Wireless LAN Controller on your Cisco Aironet 600 Series OfficeExtend access point.

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- Step 1** Obtain the IP address of your Wireless LAN controller from your company's IT professional.
- Step 2** Access the 600 Series OfficeExtend access point GUI as described in [“Accessing the GUI” section on page 2-1](#).
- Step 3** Click the **Configuration** tab.
The Configuration page is displayed.
- Step 4** From the Configuration page, click the **WAN** tab.
The WAN page is displayed.
- Step 5** Enter the IP address of the primary controller in the **Controller IP Address** field.
- Step 6** Leave the Static IP check box unchecked to allow the WAN IP address to be assigned by DHCP.
- Step 7** Click **Apply** to commit your changes.
A verification screen is displayed.
- Step 8** Click **Continue**.
The 600 Series OfficeExtend Access point will connect to the controller and download the current software image. Allow the device 5 minutes to download and reboot with the new code and configuration.
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Configuring Radio Channels on the Access Point

Follow these steps to configure a radio channel for your 600 Series OfficeExtend access point.

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- Step 1** Access the 600 Series OfficeExtend access point GUI as described in [“Accessing the GUI” section on page 2-1](#).
- Step 2** Click the **Configuration** tab.
The Configuration–System page is displayed.
- Step 3** From the **Radio Interface** drop-down list, choose the desired radio interface, which can be either 2.4 GHz or 5 GHz.
- Step 4** From the **Status** drop-down list, choose **Enabled** to enable the wireless interface.
- Step 5** From the **Channel Selection** drop-down list, choose the channel on which this interface will operate.



Note 802.11n mode should be enabled by default. If it is disabled, choose **Enabled** from the **802.11 n-mode** drop-down list.

- Step 6** Click **Apply** to commit your changes.
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Configuring Personal Wireless LANs

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- Step 1** Access the 600 Series OfficeExtend access point GUI as described in “[Accessing the GUI](#)” section on page 2-1.
- Step 2** Click the **Configuration** tab.
The Configuration–System page is displayed.
- Step 3** Click the **SSID** tab.
The Configuration–SSID page is displayed.
- Step 4** From the **Band Selection** drop-down list, choose the band, which can be either 2.4 GHz or 5.0 GHz. You can duplicate the configuration on both bands, or have different settings on each band.
- Step 5** Check the **Enabled** check box to enable this wireless connection. By default it is disabled.
- Step 6** Check the **Broadcast** check box to broadcast the SSID over the air. By default it is unchecked.
- Step 7** In the **SSID** field, enter the personal SSID that you want to assign to this access point. This SSID will be locally switched. The default SSID is *AIR-602* for both radios.



Note Your personal SSID Wireless LAN and your company SSID Wireless LAN are different. When you configure your personal Wireless LAN, use an SSID name that is different from your company’s SSID to help avoid confusion.

- Step 8** From the Security drop-down boxes, enter the authentication type, encryption type, and passphrase. It is suggested that you select **WPA2-PSK** and **AES** encryption.
- Step 9** Click **Apply** to commit your changes.
A verification screen that is similar to the following, is displayed.

APPLY

This screen notifies you of any errors that were detected while changing the AP settings.

Validating values...done
Committing values...done

Continue

- Step 10** Click **Continue**.
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Troubleshooting

Problem	LED Status	Reasons	Possible Solution
Private WLAN clients can connect to the Internet; but WLANs provided by the controller are unable to connect or not being broadcast.	LED cycling through purple and orange with client associated; LED cycling with purple, orange, and blue with no client associated.	Access Point is in CAPWAP Discovery mode.	Verify that the correct Wireless LAN Controller IP address is entered in the WAN page of the 600 Series; verify that CAPWAP ports are allowed through the personal firewalls if any are present on a router between the 600 series and the modem.
WLANs provided by the controller are not broadcast or clients are unable to connect.	Blinking blue	Software Upgrade in Process.	Wait for 600 series to finish code download and perform an automatic reboot.
No connectivity is available through 600 Series access point.	Blinking orange	No IP address on the 600 Series access point, waiting for DHCP address.	Restart your home router/gateway or modem followed by your 600 Series access point.
No connectivity is available through 600 Series access point, local GUI unavailable, or other issues.	Orange	Software Failure	Disconnect and reconnect power to the 600 Series access point.
The access point signal strength is low.	Not applicable	The access point may not be in the optimal position in relation to your device(s). If the access point is in close proximity and above your device, the signal may become skewed.	Position the access point lower than or with the LED side facing your devices.