

FSC Wi-Fi Access Point

<https://campus.barracuda.com/doc/53248774/>







The Wi-Fi interface can be configured to act as an access point. In Access Point mode, the Secure Connector uses a DHCP server for clients connecting to the Wi-Fi. Depending on the configuration of the zone firewall, Wi-Fi clients can then access either the Internet via the WAN port, or send all traffic through the VPN to the Access Concentrator in your network. A gateway route for the Wi-Fi network is automatically created in Access Point mode. You can also disable the Wi-Fi interface.

Wi-Fi Access Point

Configuration Using the Secure Connector Editor

1. Go to **your cluster** > **Cluster Settings** > **Secure Connector Editor**.
2. Click **Lock**.
3. Double-click the device or template.
4. In the left menu, click **Wi-Fi Settings**.
5. From the **Wi-Fi Mode** drop-down list, select **Access-Point**.
6. Click **+** to add a **SSID**. The **SSID** window opens.
7. Enter a **Name** for the Wi-Fi network, and click **OK**.
8. Select the **Active** check box.
9. Enter the **SSID**.
10. (optional) Select the **Security Mode**.
11. Enter the **Passphrase**.

The passphrase can consist of small and capital characters, numbers, and non alphanumeric symbols, except the hash sign (#).

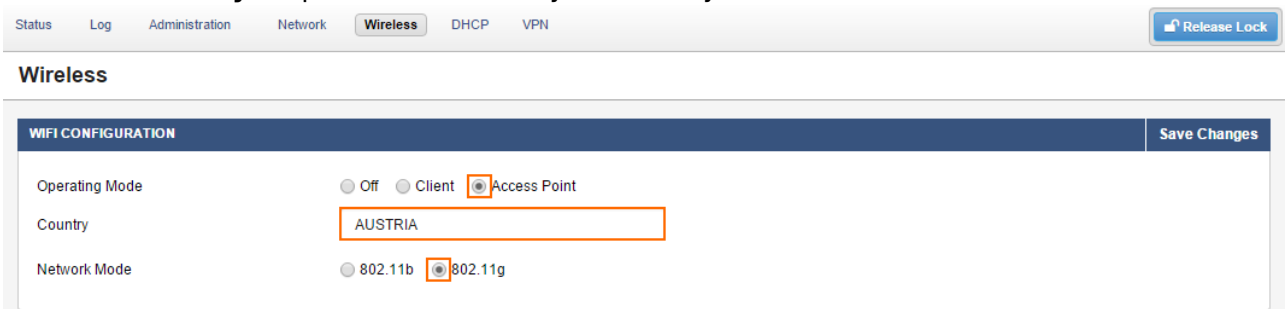
Active	<input checked="" type="checkbox"/>	
SSID	SCAWiFi	
Security Mode	WPA2-PSK	
Passphrase	supercomplicatedandsecurewifipassphrase	
SSID valid for Wi-Fi Mode	Access-Point	
Interface Name	WIFI	

12. Click **OK**.
13. (optional) Select the **Network Mode** and **Wi-Fi Channel**.
14. (optional) Change the Wi-Fi Network: Click **OK** and **Activate**.
 - o **IP Address** – Enter the IP Address of the Wi-Fi interface.
 - o **Subnet Mask** – Select the subnet mask.
 - o **DHCP Start IP** – Enter the first IP address of the DHCP range.
 - o **DHCP End IP** – Enter the last IP address of the DHCP range.
15. Click **OK** and **Activate**.

Configuration Using Web Interface Override

Use the web interface override to temporarily restore connectivity. Correct any misconfigurations on the Control Center beforehand because the configuration on the Secure Connector will be overridden immediately after the configuration lock in the web interface has been released.

1. Log into the web interface.
2. Go to **CONFIGURATION > Wireless**.
3. Click **Retrieve Lock**.
4. In the **Wi-Fi CONFIGURATION** section, set **Operating Mode** to **Access Point**.
5. From the **Country** drop-down list, select your country.



The screenshot shows the 'Wireless' configuration page in the Barracuda CloudGen Firewall web interface. The 'WIFI CONFIGURATION' section is active, and the 'Save Changes' button is visible in the top right corner. The configuration is as follows:

WIFI CONFIGURATION	Save Changes
Operating Mode	<input type="radio"/> Off <input type="radio"/> Client <input checked="" type="radio"/> Access Point
Country	AUSTRIA
Network Mode	<input type="radio"/> 802.11b <input checked="" type="radio"/> 802.11g

6. Click **Save Changes**.
7. In the **Wi-Fi AP INTERFACE** section, configure the Wi-Fi interface settings:
 - **Automatic Network Assignment** - Set **Auto Mode** to **Enabled**.
 - **Explicit Network Assignment** - Set **Auto Mode** to **Disabled**.
8. (Explicit network assignment only):
 1. Enter the **IP Address** assigned to the Wi-Fi interface. Do not use an IP address that is part of the FSC network.
 2. Select the **Subnet Mask**.
 3. Set **DHCP Server** to **Enabled**.
9. Click **Save Changes**.
10. In the **Wi-Fi SSIDS** section, select **Add SSID**. The **Add Wi-Fi SSID** page opens.
11. Configure the wireless network settings:
 - **Mode** - Select **Access Point**.
 - **SSID** - Enter the wireless network identifier.
 - **Security Mode** - Select **WPA-PSK2**, **WPA-PSK** or **None**.
 - **Passphrase (WPA-PSK2, WPA-PSK only)** - Enter the passphrase.

The passphrase can consist of small and capital characters, numbers, and non alpha-numeric symbols, except the hash sign (#).

WIFI SSID	
Enabled	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Mode	<input type="radio"/> Client <input checked="" type="radio"/> Access Point
SSID	<input type="text" value="myidentifier"/>
Security Mode	<input type="radio"/> None <input type="radio"/> WPA-PSK <input checked="" type="radio"/> WPA-PSK2
Passphrase	<input type="text" value="tes1234567890"/>

12. Click **Add SSID**.
13. Enter the **Passphrase**.
14. Click **Add SSID**.
15. On the top of the page, click **Activate Configs**.
16. To return to using the configuration stored on the Control Center, click **Release Lock**.

Disable Wi-Fi

Configuration using the Secure Connector Editor

1. Go to ***your cluster* > Cluster Settings > Secure Connector Editor**.
2. Double-click the device or template.
3. In the left menu, click **Wi-Fi Settings**.
4. From the **Wi-Fi Mode** drop-down list, select **Off**.
5. (optional) Alternatively, you can also disable individual SSID:
 1. Double-click the **SSID**.
 2. Clear the **Active** check box.
 3. Click **OK**.
6. Click **OK** and **Activate**.

Configuration Using Web Interface Override

Use the web interface override to temporarily restore connectivity. Correct any misconfigurations on the Control Center beforehand because the configuration on the Secure Connector will be overridden immediately after the configuration lock in the web interface has been released.

1. Log into the web interface.
2. Go to **CONFIGURATION > Wireless**.
3. Click **Retrieve Lock**.
4. In the **Wi-Fi CONFIGURATION** section, set **Operating Mode** to **Off**.
5. Click **Save Changes**.
6. On the top of the page, click **Activate Configs**.
7. To return to using the configuration stored on the Control Center, click **Release Lock**.

Figures

1. sca_WIFI_01.png
2. wireless_mode.png
3. wifi_ssid.png

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