

Set up WPA Wireless Security on a Cisco Small Business VoIP Router

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[Introduction](#)

This article is one in a series to assist in the setup, troubleshooting, and maintenance of Cisco Small Business products.

[Q. How do I set up WPA Wireless Security on a Cisco Small Business VoIP Router?](#) A.

The **Wi-Fi Protected Access (WPA)** is a Wi-Fi standard that was designed in order to improve the security features of WEP. WPA is stronger than WEP encryption. PSK and PSK2 are types of WPA with two encryption methods, Temporal Key Integrity Protocol (TKIP) that incorporates Message Integrity Code (MIC) in order to provide protection against hackers, and Advanced Encryption System (AES) that utilizes a symmetric 128-Bit block data encryption.

In order to set up WPA Wireless Security on your Cisco Small Business VoIP router, complete these steps:

Set up the Cisco Small Business VoIP Router in order to use WPA

Step 1:

Access the router's web-based setup page. For instructions, click [here](#).

Step 2:

When the router's web-based setup page appears, click **Wireless > Wireless Security**.

Step 3:

Look for **Security Mode**, and select **WPA-Preshared Key**.

Step 4:

Look for **WPA Algorithms**, and select **TKIP**.

Step 5:

Look for the **WPA Shared Key** field, and enter "MySecretKey" or your desired WPA key. This will serve as your network key whenever you connect to your wireless network.

Note: Do not give this key to anyone. This key will secure your wireless network. Leave **Group Key Renewal** set to 3600 seconds.

Step 6:

Click .

Step 7:

Reconnect to your wireless network. For instructions, click [here](#).

[Related Information](#)

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