

Change the Wireless Channel on a Cisco Small Business VoIP Router

Document ID: 108636

Contents

Introduction How can I change the channel used by my wireless network on a Cisco Small Business VoIP router?**Related Information**

Introduction

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

Q. How can I change the channel used by my wireless network on a Cisco Small Business VoIP router?

A.

A lot of wireless products in the US are shipped with a default channel of 6 like the Cisco Small Business router. If you encounter interference from other devices, change channels in order to get around these interferences. In order to change the channel your wireless network is using, go to the router's web-based setup page.

Change the Router's Channel

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***.

Step 3:

Look for ***Wireless Channel***, and change it to your desired channel. The recommended channels are ***1, 6, or 11*** since they are considered non-overlapping channels.

The screenshot shows the Linksys web interface. At the top left is the Linksys logo with the text "LINKSYS® A Division of Cisco Systems, Inc.". Below the logo is a navigation bar with tabs for "Setup", "Wireless", "Security", "Access Restrictions", "Applications & Gaming", and "Administration". The "Wireless" tab is selected. Underneath, there are sub-tabs: "Basic Wireless Settings", "Wireless Security", "Wireless MAC Filter", and "Advanced Wireless". The "Basic Wireless Settings" sub-tab is active. The main content area is titled "Wireless Settings" and contains the following fields:

- Wireless Network Mode: Disabled (dropdown menu)
- Wireless Network Name (SSID): (text input field)
- Wireless Channel: 1 (dropdown menu)
- Wireless SSID Broadcast: Enable Disable

Annotations include a yellow box at the top with the text "Click **Wireless**." and an arrow pointing to the "Wireless" tab. Another yellow box on the right says "Select **1, 6 or 11** then click **Save Settings**." with an arrow pointing to the "Wireless Channel" dropdown. At the bottom of the settings area are two buttons: "Save Settings" and "Cancel Changes".

Step 4:

Click **Save Settings**.

Related Information

- [Technical Support & Documentation – Cisco Systems](#)