

Set up 128-Bit WEP 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 128-Bit WEP Wireless Security on a Cisco Small Business VoIP Router?

A.

Wired Equivalent Privacy (WEP) is a 64-bit key with 10 hexadecimal digits or a 128-bit WEP key with 26 hexadecimal digits. This encryption will prevent other users from connecting to a wireless network using your own WEP key. It will also protect your wireless transmissions/communications from being accessed or received by other users.

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

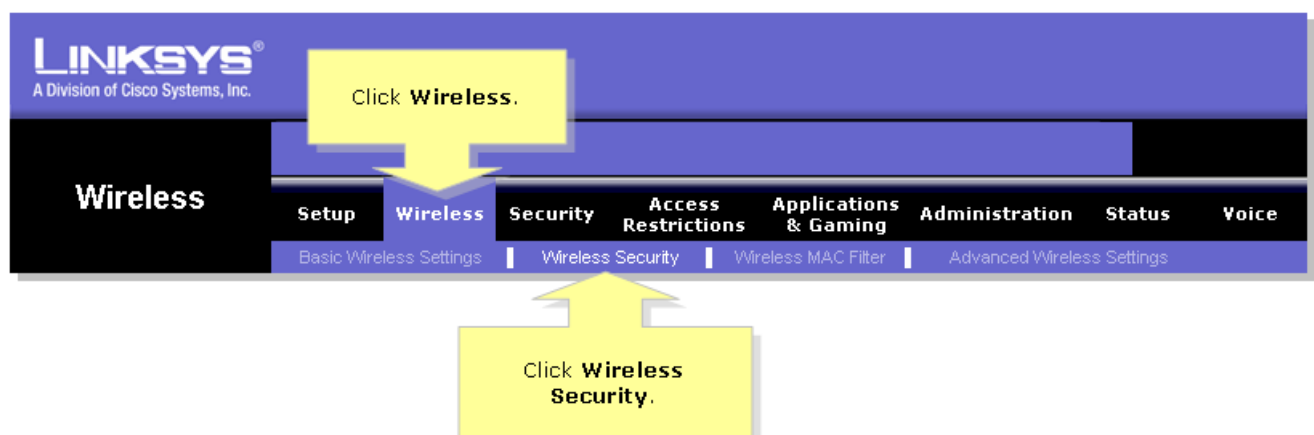
Set up the VoIP Router to Use WEP

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 **WEP**.

Step 4:

Select any number under the **Default Transmit Key** in order to determine which key you will use. In this example, we selected number **1**.

Step 5:

Look for **WEP Encryption**, and select **128 bits 26 hex digits**.

Step 6:

Type a wireless network password of your choice, such as "MySecretKey" and click **Generate**.

Note: Create a password that is unique for your network and is a combination of numbers and letters up to 16 characters.

Step 7:

The result is a string of random characters. Copy the resulting string, since this will be the key to your wireless network.

Note: Do not give this key to anyone. This will be your wireless network's key.

Step 8:

Click .

Related Information

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