

# Set up a Cisco Small Business VoIP Router with a Static IP Account

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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 a Cisco Small Business VoIP Router with a Static IP Account?**

**A.**

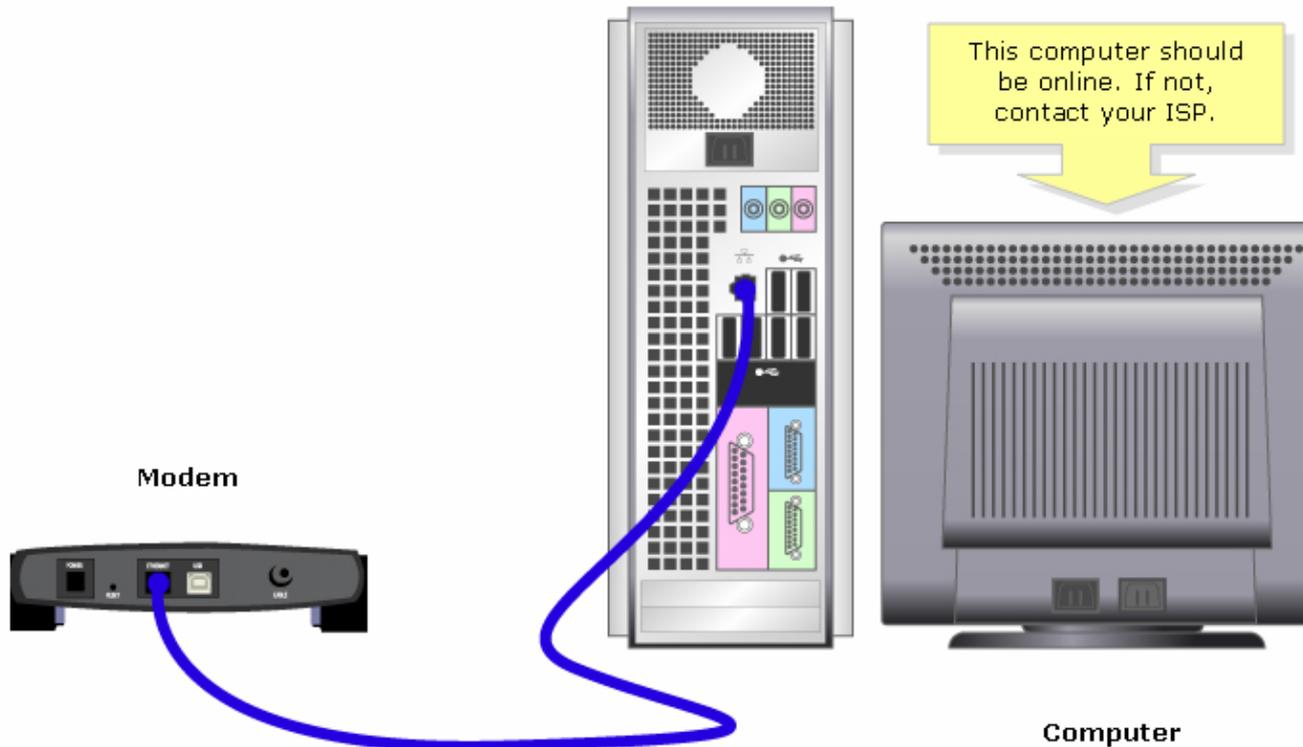
Some Internet Service Providers (ISP) require you to enter certain numbers on your computer's TCP/IP settings. This is the same number you need to enter on your router's web-based setup page in order to configure a Static IP account.

In order to set up a Cisco Small Business router with a Static IP, you need to perform these steps:

1. Verify Internet Connection
2. Connect the Devices Together
3. Check the LEDs
4. Configure a Cisco Small Business VoIP Router for a Static IP Account
5. Power Cycle

#### ***Verify Internet Connection***

Connect the Broadband modem to the computer using an Ethernet cable without the router installed and make sure that the Internet connection is active. If not, contact your ISP.



Once an active Internet connection is established through the modem, connect the modem and the computer to the router by completing these steps:

### ***Connect the Devices Together***

After you make sure that you have an active Internet connection, connect the modem to the router's Internet port and the computer to any of the four Ethernet ports.

After you connect the devices, check the LEDs by completing the steps in the next section.

### ***Check the LEDs***

The Cisco Small Business router's front panel will indicate the status of the connection. After you connect the broadband modem to the WAN or Internet port, the computer to an available numbered port, and power on the router, check the lights on the front panel of the router.

After checking the router's LEDs, configure the router for static IP account by completing the steps in the next section.

### ***Configure a Cisco Small Business VoIP Router for a Static IP Account***

#### ***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, look for ***Internet Connection Type***, select ***Static IP*** on the drop-down menu arrow, and enter the ***IP Address***, ***Subnet Mask***, ***Gateway***, and ***DNS*** assigned by the ISP.

## Setup

Setup

Wireless

Security

Access  
Restrictions

Applications  
& Gaming

Administ

Basic Setup

DDNS

MAC Address Clone

### Internet Setup

#### Internet Connection Type

Enter the **IP Address**,  
**Subnet Mask**,  
**Gateway** and **DNS**  
assigned by the Internet  
Service Provider.

Optional Settings  
(required by some ISPs)

Static IP

Select **Static  
IP**.

IP Address:  .  .  .

Subnet Mask:  .  .  .

Gateway:  .  .  .

DNS 1:  .  .  .

DNS 2:  .  .  .

DNS 3:  .  .  .

WINS:  .  .  .

Host Name:

Domain Name:

MTU:

Auto

Manual

Size:

### Step 3:

Click **Save Settings**, and perform a power cycle. For instructions, complete the steps in the next section.

### Power Cycle

#### Step 1:

Shutdown the computer.

#### Step 2:

Unplug the router's power cable.

#### Step 3:

Unplug the Broadband modem's power cable, and wait for 30 seconds.

#### Step 4:

Plug in the Broadband modem's power cable, and wait for its lights to appear stable.

#### Step 5:

Plug in the router's power cable once the modem's lights appear stable.

#### Step 6:

Power on the computer, and test the Internet connection.

## Related Information

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

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