Using the VPN Setup Wizard

This document describes using the VPN Setup Wizard and includes these sections:

- VPN Setup Wizard, page 1
- Before You Begin, page 1
- Running the VPN Router Software Wizard, page 2

VPN Setup Wizard

Now you can configure a gateway-to-gateway VPN tunnel between two VPN routers in a fast and efficient way by using the VPN Setup Wizard. The VPN Setup Wizard works with users running Microsoft Windows 2000, XP, and Vista. This document describes how to run the VPN Setup Wizard.

Before You Begin

The VPN Setup Wizard works with the following routers:

- Cisco RVS4000 4-Port Gigabit Security Router with VPN
- Cisco WRVS4400N v1.1 Wireless-N 4-Port Gigabit Security Router with VPN
- Cisco WRVS4400N v2 Wireless-N 4-Port Gigabit Security Router with VPN

Use the following instructions to configure required data using the Web Administrator Interface. For instructions on the Web Administrator Interface, see the Administration Guide for your router.

STEP 1 Click **Firewall > Basic Settings**.

STEP 2 Enable Remote Management and enter **8080** in the Port field. Please note that you cannot enter any other value if you want to use the VPN Wizard. Also, make sure that HTTPS has been selected.

STEP 3 Click **Save Settings**.

STEP 4 Click **VPN > Summary** and make sure the **Tunnel(s) available** are not zero.

STEP 5 Ensure that the LAN IP addresses of routers with VPN are in different subnets in order for the VPN connection to work.

NOTE The VPN Setup Wizard assumes that no firewall/NAT device sits in front of the VPN router.

Running the VPN Router Software Wizard

STEP 1 Access the VPN Setup Wizard in one of two ways:

- If you have an RVS4000, WRVS4400N v1.1, or WRVS4400N v2 Installation CD-ROM, insert it into your CD-ROM drive.
- Download the VPN Setup Wizard from the Cisco Support site for your router.

STEP 2 Go to the Start menu and click **Run**. In the field provided, enter

D:\VPN Setup Wizard.exe

STEP 3 The Welcome window appears. Click the **Click Here to Start** button.

Welcome Window

STEP 4 An informational window discussing the VPN Wizard appears. When you are ready, click **Next** to proceed.

Informational Window

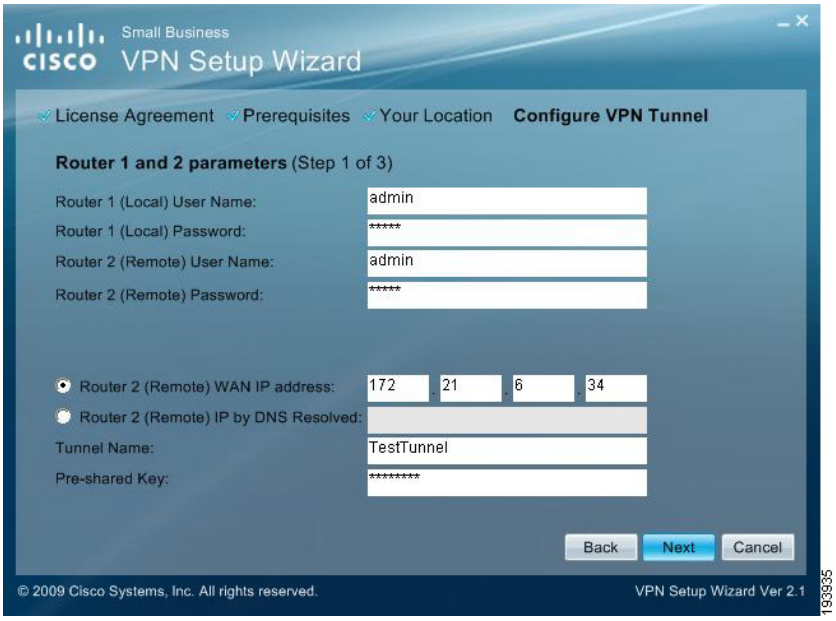
STEP 5 The **Choose a way to build VPN** window appears.

- If your PC is local to one of the two routers, choose **Build VPN connection from Local LAN port of one router**, click **Next**, and continue with these instructions.
- If your PC is remote to the routers, choose **Build VPN connection from Internet remotely**, and see the"Building Your VPN Connection Remotely," on page 9 for instructions on this type of installation.

Build VPN Connection From Local LAN Port of One Router

STEP 6 If you picked **Build VPN connection from Local LAN port of one router**, enter the required data in the Configure VPN Tunnel window and click **Next** to continue.

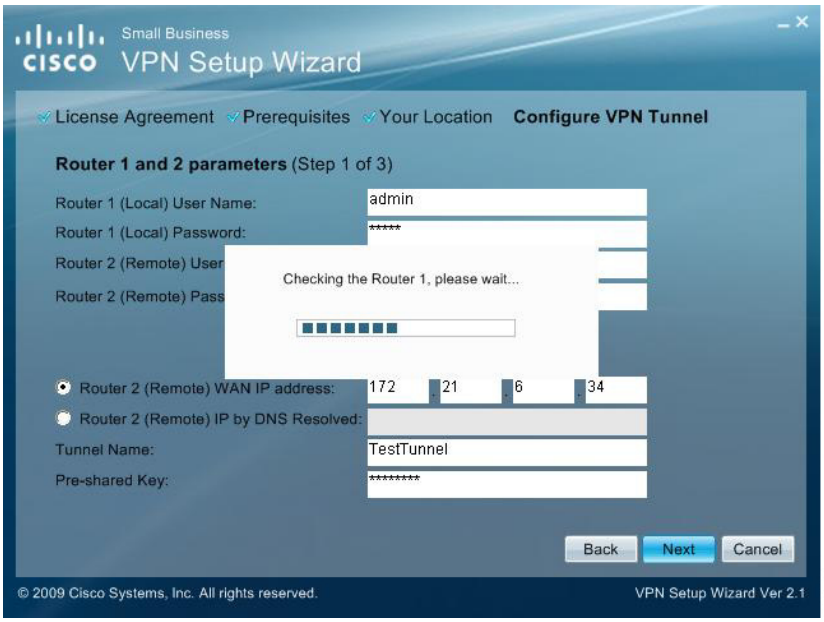
Configure VPN Tunnel



- **Router 1 User Name**: Enter the user name of the Router 1.
- **Router 1 Password**: Enter the password of the Router 1.
- **Router 2 User Name**: Enter the user name of the Router 2.
- **Router 2 Password**: Enter the password of the Router 2.
- **Tunnel Name**: Enter a name for this tunnel.
- **Pre-shared Key**: IKE uses the Pre-shared Key field to authenticate the remote IKE peer. Both character and hexadecimal values are acceptable in this field; e.g.,"My_@123" or "0x4d795f40313233". Note that both sides must use the same Pre-shared Key.
- **Router 2 WAN IP address**: Enter the WAN IP address of Router 2.
- **Router 2 IP by DNS Resolved**: Enter the DDNS Domain Name of Router 2 if it does not have a static IP address for its internet connection.

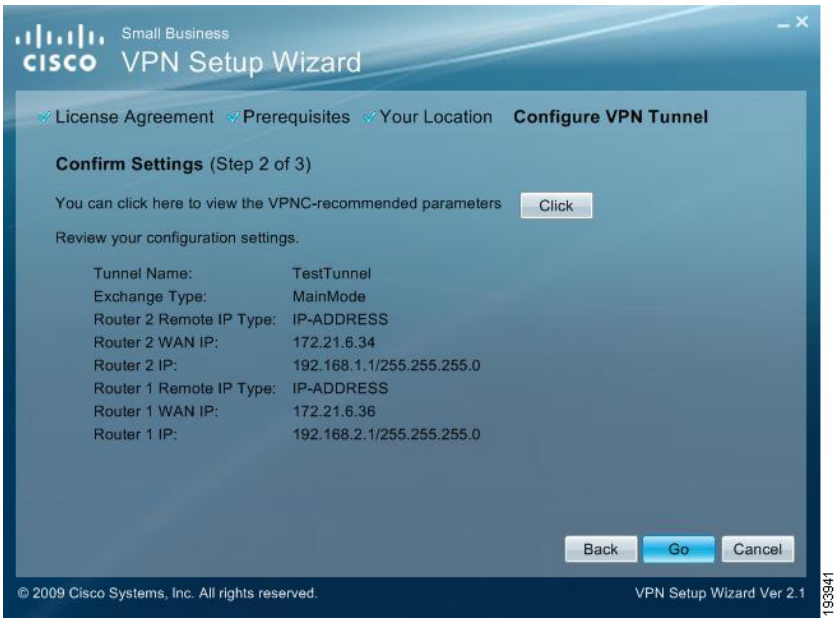
STEP 7 The router configuration is checked.

Check Router Configuration



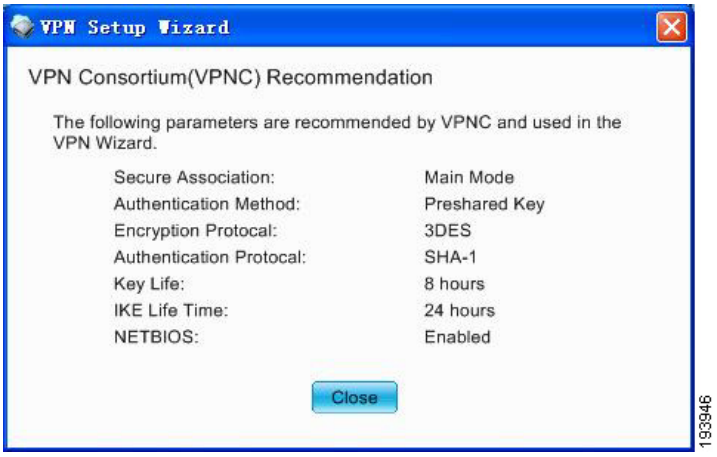
STEP 8 The Summary window appears. Use the **Click** box to view the VPNC Summary window.

Summary Window



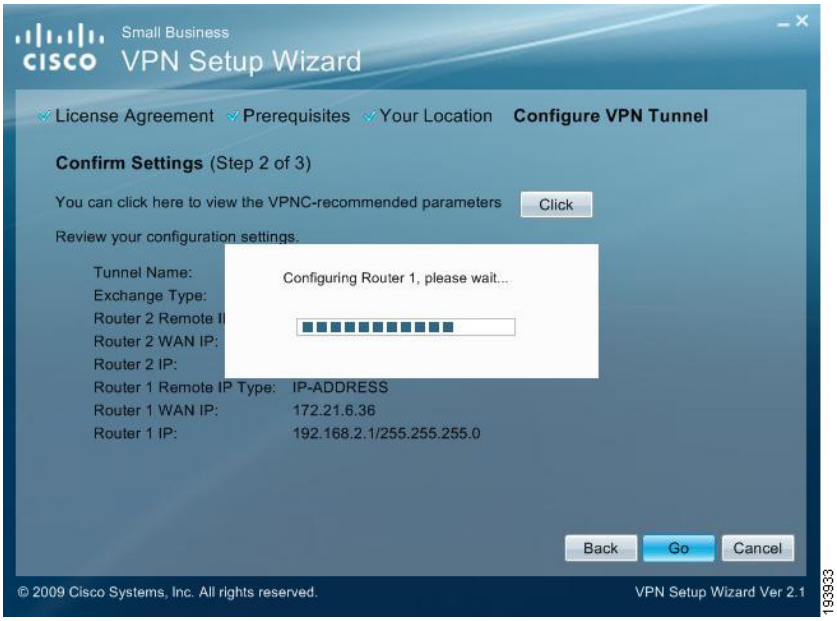
STEP 9 The VPNC Summary window appears showing the settings that were made to industry standards. Click **Close** when you are ready to continue.

VPNC Summary Window



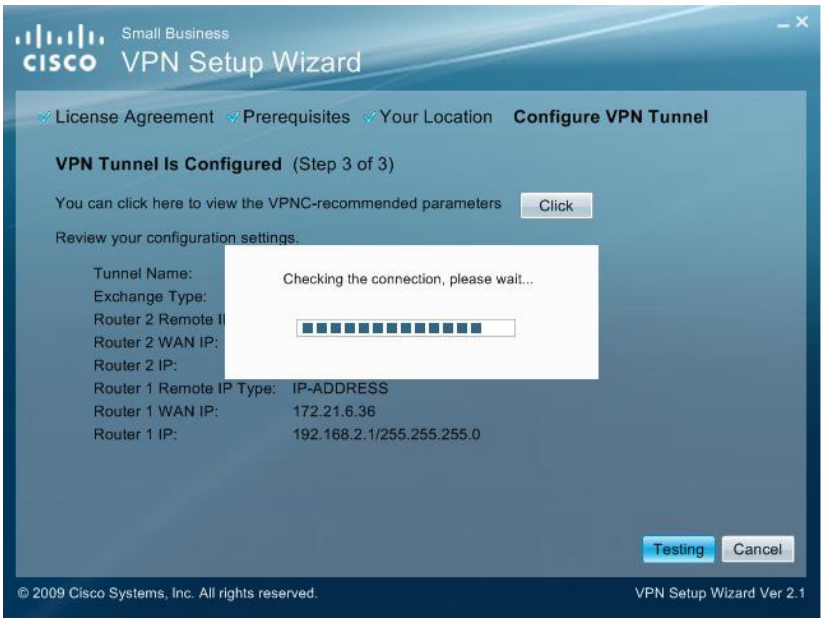
STEP 10 In the Summary window, if all your entries appear correct, click **Go**. Otherwise click **Back** to go back and make any corrections.

Configure the Router



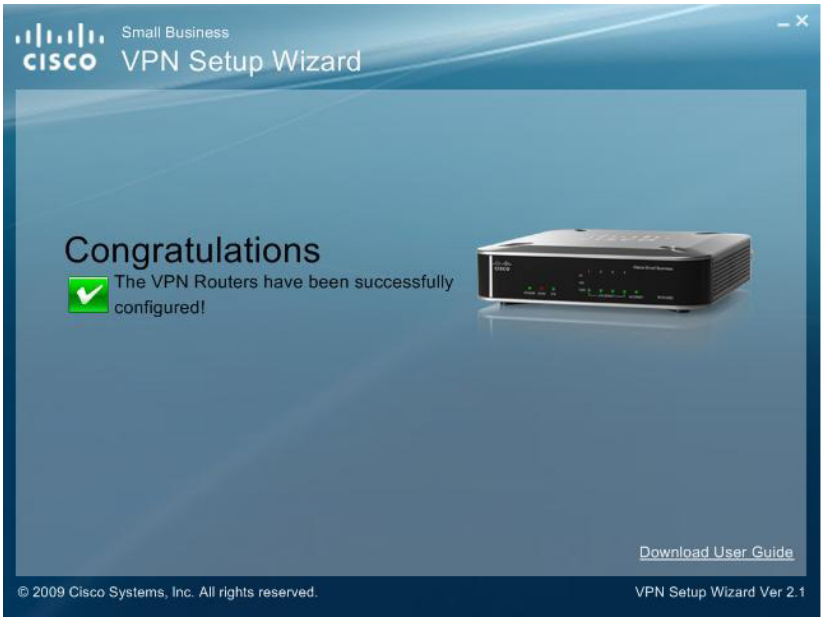
STEP 11 Click **Testing** to make sure the connection is successfully established.

Test the Connection



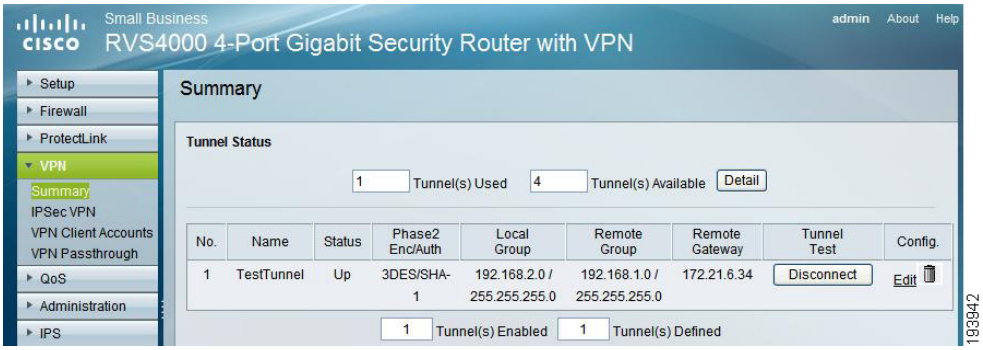
STEP 12 When testing is done, click **Exit** to end the Wizard.

Exit the Wizard



Congratulations! Setup is now complete. You may now log into the Web Administrator Interface and see the results.

Test Results



Building Your VPN Connection Remotely

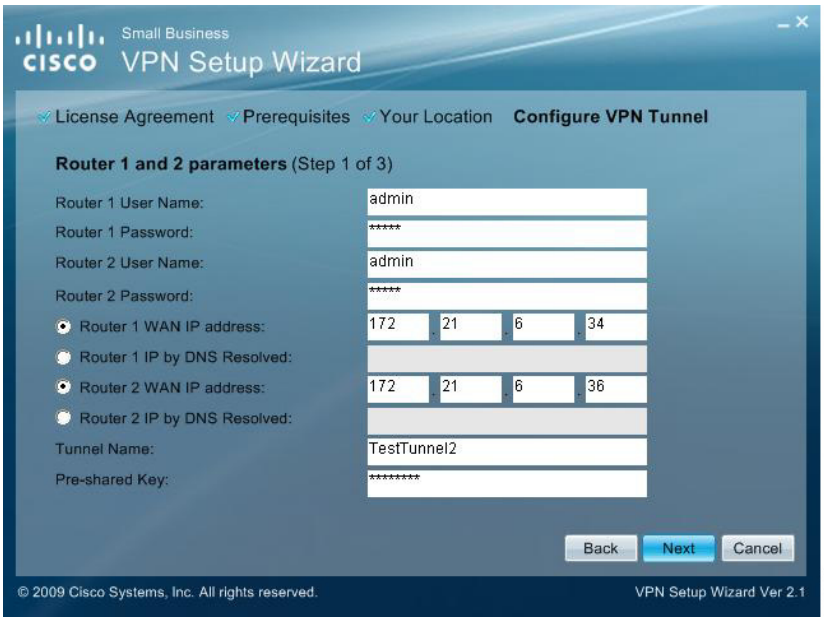
This procedure continues from Step 5 on page 4. Use this procedure to build your VPN connection from a remote PC.

STEP 1 Choose **Build VPN connection from Internet remotely**. Click **Next** to continue.

Build VPN Connection Remotely

STEP 2 Enter the required data in the Configure VPN Tunnel window and then click **Next** to continue.

Configure VPN Tunnel Window



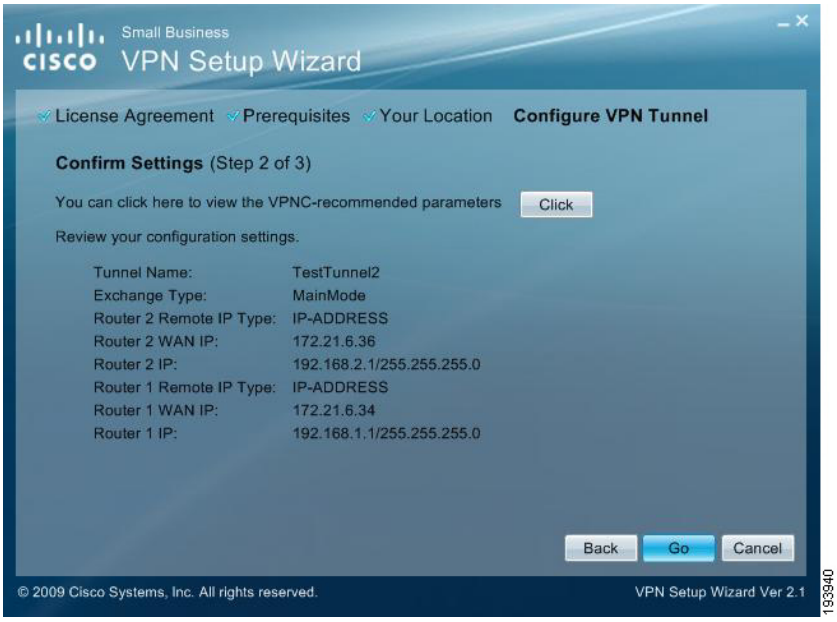
- **Router 1 User Name**: Enter the user name of the Router 1.
- **Router 1 Password**: Enter the password of the Router 1.
- **Router 2 User Name**: Enter the user name of the Router 2.
- **Router 2 Password**: Enter the password of the Router 2.
- **Tunnel Name**: Enter a name for this tunnel.
- **Pre-shared Key**: IKE uses the Pre-shared Key field to authenticate the remote IKE peer. Both character and hexadecimal values are acceptable in this field; e.g.,"My_@123" or "0x4d795f40313233". Note that both sides must use the same Pre-shared Key.
- **Router 1 WAN IP address**: Enter the WAN IP address of the Router 1.
- **Router 1 IP by DNS Resolved**: Enter the DDNS Domain Name of Router 1 if it does not have a static IP address for its internet connection.
- **Router 2 WAN IP address**: Enter the WAN IP address of the Router 2.
- **Router 2 IP by DNS Resolved**: Enter the DDNS Domain Name of Router 2 if it does not have a static IP address for its internet connection.

STEP 3 The router configuration is checked.

Check Router Configuration

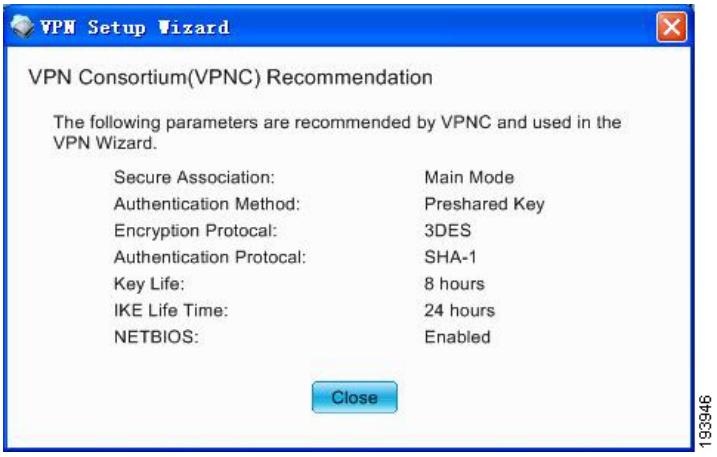
STEP 4 The Summary window appears. Use the **Click** box to view the VPNC Summary window.

Summary Window



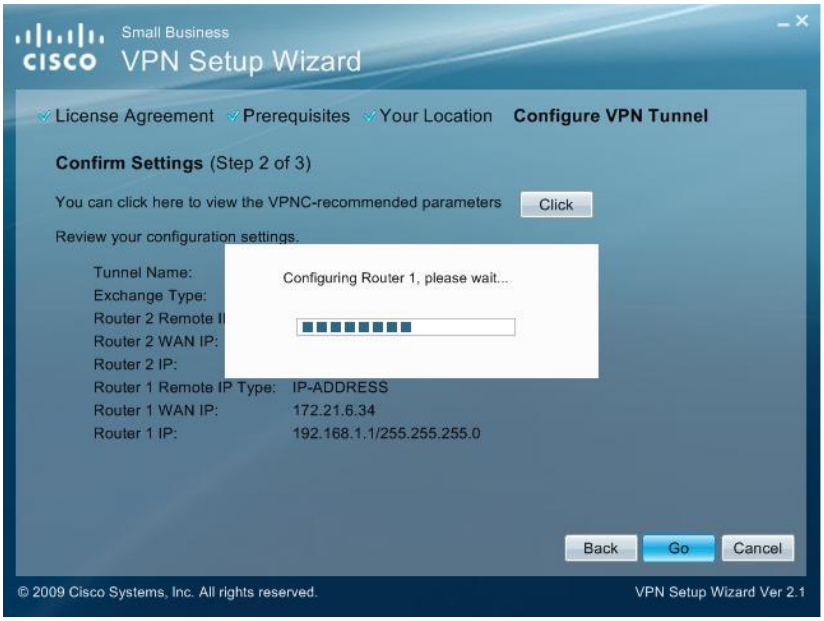
STEP 5 The VPNC Summary window appears showing the settings that were made to industry standards. Click **Close** when you are ready to continue.

VPNC Summary Window



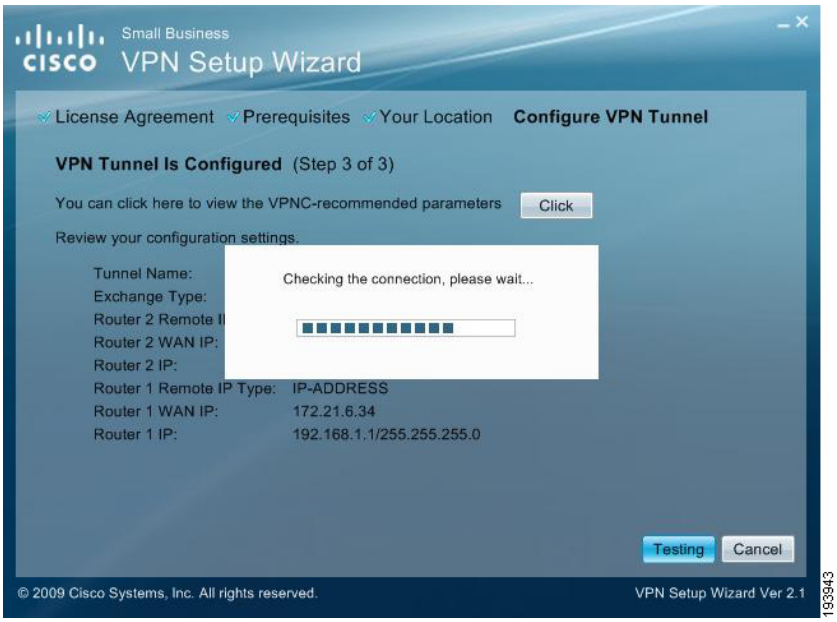
STEP 6 In the Summary window, if all your entries appear correct, click **Go**. Otherwise click **Back** to go back and make any corrections.

Configure the Router

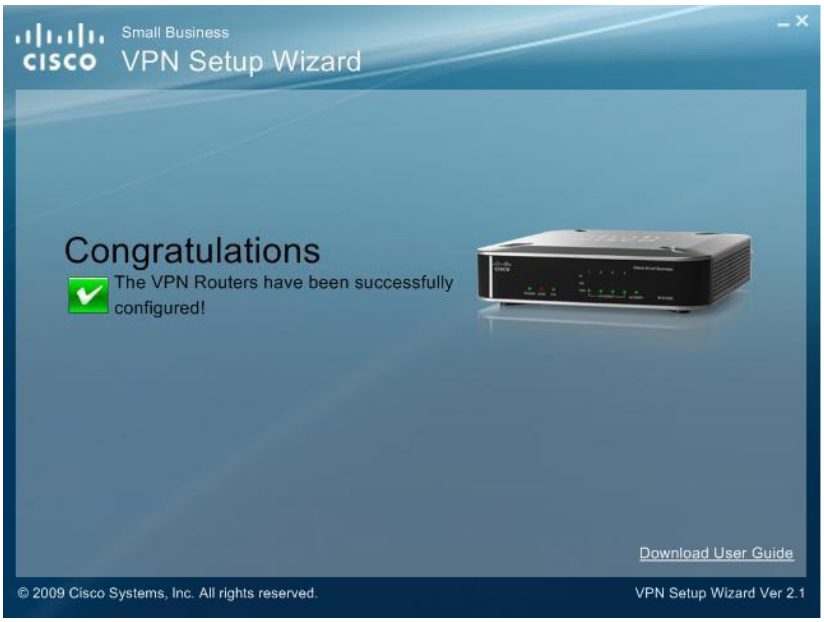


STEP 7 Click **Testing** to make sure the connection is successfully established.

Test the Connection



STEP 8 When testing is done, click **Exit** to end the Wizard.



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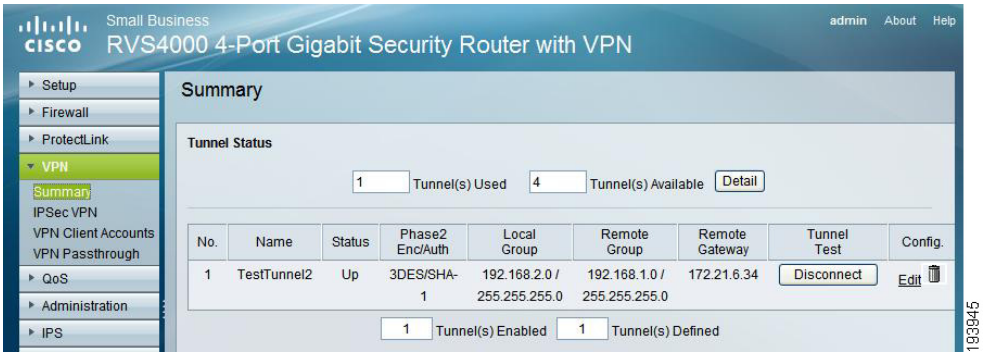
View Test Results