

# Start Here

Follow these instructions to set up your firewall.

## Verify That Basic Requirements Are Met

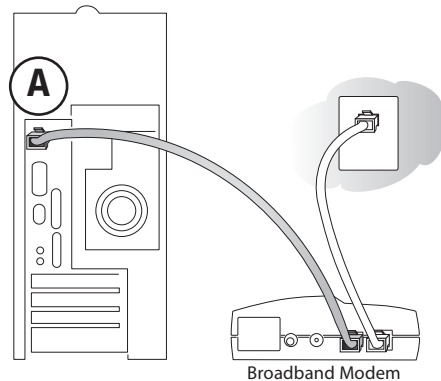
Assure that the following requirements are met:

- You have your broadband Internet service settings handy.
- The computer is configured to obtain an IP address automatically via DHCP. For instructions on how to do this, please see the animated tutorials on the *ProSafe VPN Firewall Resource CD* or *Appendix C* in the *Reference Manual* on the *ProSafe VPN Firewall Resource CD*.

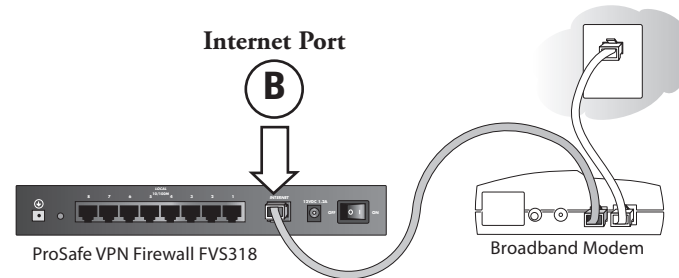
## First, Connect the Firewall to the Internet

### 1 Connect the Firewall

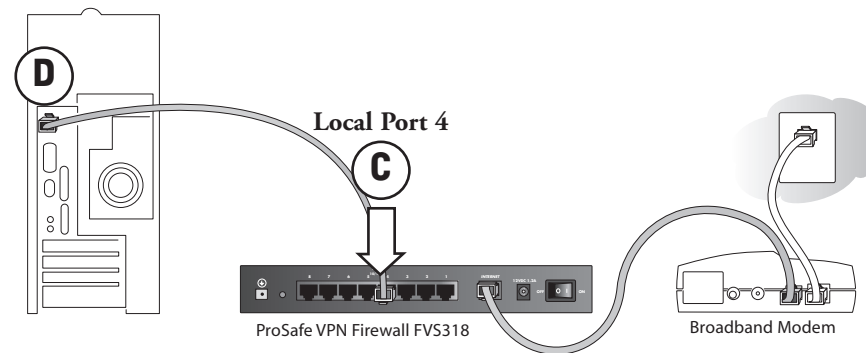
- Turn off your computer and cable or DSL broadband modem.
- Disconnect the Ethernet cable (A) which connects from your computer to the cable or DSL broadband modem.



- Securely insert the Ethernet cable from your cable or DSL broadband modem into the Internet port (B) on the FVS318.



- Securely insert one end of the Ethernet cable that came with your firewall into a local port on the firewall such as local port 4 (C), and the other end into the Ethernet port of your computer (D).



### 2 Restart Your Network in the Correct Sequence

**Warning:** Failure to restart your network in the correct sequence could prevent you from connecting to the Internet.

- First, turn on the cable or DSL broadband modem and wait 30 seconds for the lights to stop blinking.
- Now, turn on your firewall.
- Last, turn on your computer.

**Note:** If software usually logs you in to the Internet, *do not* run that software or cancel it if it starts automatically.



Power Test Internet Port Local Port 4

- Check the status lights and verify the following:

- *Power:* The power light is on. It goes on when you turn the firewall on.
- *Test:* The test light is off. After turning on the firewall, the test light should go off in less than a minute.
- *Internet:* The Internet light on the firewall is lit. If the Internet light is not lit, check that the Ethernet cable is securely attached to the firewall Internet port and the powered on modem.
- *Local:* A local light is lit. If none are lit, check that the Ethernet cable to the powered on computer is securely attached at both.

### 3 Log in to the Firewall

- From your PC, launch your Internet browser.
- Connect to the firewall by typing `http://192.168.0.1` in the address field of Internet Explorer or Netscape® Navigator.



- Enter **admin** for the firewall user name and **password** for the firewall password, both in lower case letters.
- After logging in to the firewall, you will see the Internet Connection Setup Wizard on the settings main page.

## 4 Run the Setup Wizard to Connect to the Internet



- The first time you log in to the firewall, you see this menu. If you do not see this menu, click the **Setup Wizard** link on the upper left of the main menu.
- Click **Next** to proceed. Input your ISP settings, as needed and click **Apply** to save your settings.
- Click **Test** to verify your Internet connection and register your product. If you have trouble connecting to the Internet, use the Troubleshooting Tips below to correct basic problems, or refer to the *Reference Manual* on the *ProSafe VPN Firewall Resource CD*.

**Note:** If you use popup blocking software, the Test page may not open. Alternatively, you can simply open a new browser window and browse the Internet to verify Internet connectivity is active.

You are now connected to the Internet!

## Troubleshooting Tips

Here are some tips for correcting simple problems that prevent you from connecting to the Internet or connecting to the firewall.

### Be sure to restart your network in the correct sequence

- Follow this sequence. Turn off the modem, firewall, and computer. Turn on the modem first and wait two minutes. Next turn on the firewall, and finally the computer.

### Make sure the Ethernet cables are securely plugged in

- For each powered on computer connected to the firewall with a securely plugged in Ethernet cable, the corresponding firewall local port status light will be lit. The label on the back of the firewall identifies the number of each local port.
- The Internet port status light on the firewall will be lit if the Ethernet cable from the firewall to the modem is plugged in securely and the modem and firewall are turned on.

### Make sure the network settings are correct

- Locally connected computers must be configured to obtain an IP address automatically via DHCP. For instructions on how to do this, please see the animated tutorials on the *ProSafe VPN Firewall Resource CD* or *Appendix C* in the *Reference Manual* on the *ProSafe VPN Firewall Resource CD*.
- Some cable modem ISPs require you to set the firewall to use the MAC address of the computer registered on the account. If so, in the Basic Settings menu Firewall MAC Address section, select "Use this Computer's MAC address." The firewall will then capture and use the MAC address of the computer that you are now using. You must be using the computer that is registered with the ISP. Click **Apply** to save your settings. Restart the network in the correct sequence.

## Technical Support

PLEASE REFER TO THE SUPPORT INFORMATION CARD THAT SHIPPED WITH YOUR PRODUCT.

By registering your product at [www.NETGEAR.com/register](http://www.NETGEAR.com/register), we can provide you with faster expert technical support and timely notices of product and software upgrades.

