

# NETGEAR®

## Installation Guide

Connect with Innovation™

### ProSafe 8-Port Gigabit VPN Firewall FVS318G

Follow these instructions to set up your VPN firewall.

- **For cable modem service.** You must set up the VPN firewall using the same computer you used when you first set up your internet connection.
- **For DSL service.** To set up the VPN firewall, you might need information such as your DSL service login name and password.

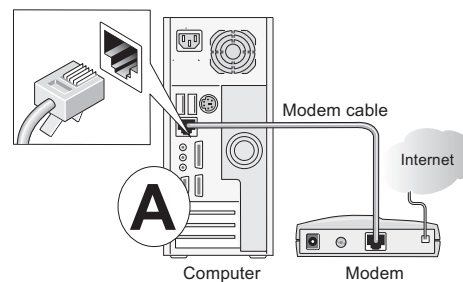
### Package Contents

The VPN firewall package contains:

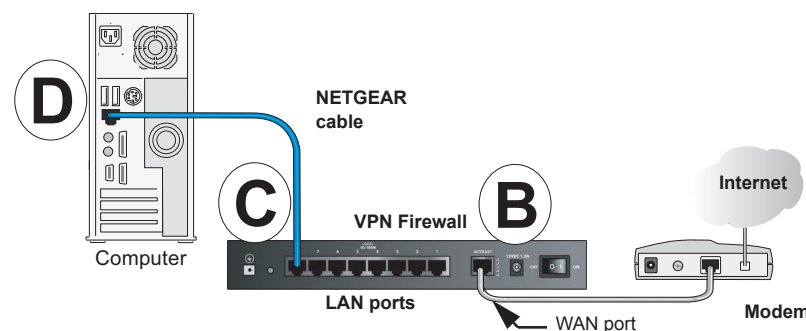
- FVS318G VPN Firewall
- Ethernet cable
- Rubber feet
- Power adapter
- Installation guide
- Resource CD

### Connect the VPN Firewall

1. Connect the cables between the VPN Firewall, computer, and modem.
  - a. Turn off your computer.
  - b. Turn off and unplug the modem.
  - c. Locate the cable (modem cable in the diagram) that connects your modem and computer.
  - d. Disconnect the cable *at the computer end only*, point **A** in the diagram.



- e. Insert the cable from your modem into the WAN port of the VPN firewall as shown in point **B** of the second diagram.
- f. Insert the cable that came with your VPN firewall (the NETGEAR cable in the next diagram) into a LAN port on the VPN firewall, such as LAN port 1 (point **C** in the diagram). Insert the other end into the LAN port of your computer (point **D** in the diagram).



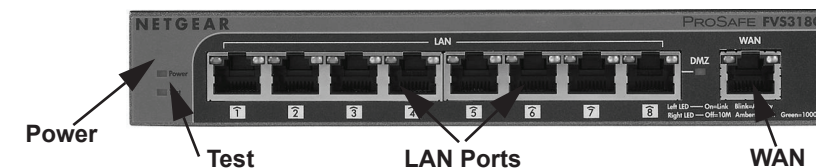
Your cables are connected, and you are ready to restart your network.

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.

- a. Plug in the power cord to your modem, turn it on, and wait 2 minutes.
- b. Plug in the power cord to your VPN firewall, turn it on, and wait 1 minute.
- c. Turn on your computer.

**Note:** For DSL customers, if ISP-provided software logs you in to the Internet, *do not* run that software. You might need to disable auto dialing in your browser.

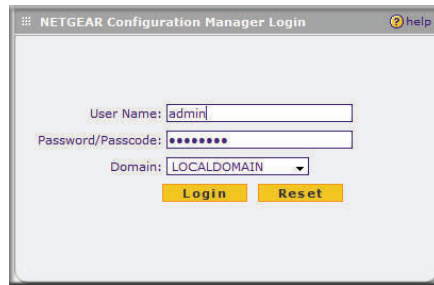


- d. To verify that the VPN network is operating correctly check the VPN firewall LEDs:
  - **Power.** The Power LED should turn solid green. If it does not turn solid green, check that the power adapter is connected to an AC outlet.
  - **Test.** The Test LED lights when the router is first turned on and then goes off. If after 2 minutes it is still lit, see the Troubleshooting Tips in this guide.
  - **WAN.** The WAN port LED should be lit. If it is not, make sure that the Ethernet cable is attached to the VPN firewall WAN port and the modem. Also, make sure that the modem is powered on.
  - **LAN.** Each LAN port has two LEDs. The green LED on the upper left indicates network activity. The right LED indicates communication speed. It is green for 1000 Mbps, amber for 100 Mbps, and off for 10 Mbps. If the LAN port LED is not on, check that the Ethernet cable from the computer to the firewall is attached at both ends, and that the computer is on.

### Configure the VPN Firewall for Internet Access

Use your browser to access and configure the VPN firewall.

1. From the computer, open a browser such as Internet Explorer. With the VPN firewall in its factory default state, type <http://192.168.1.1> in the browser address bar and click **Enter**. The login screen displays.



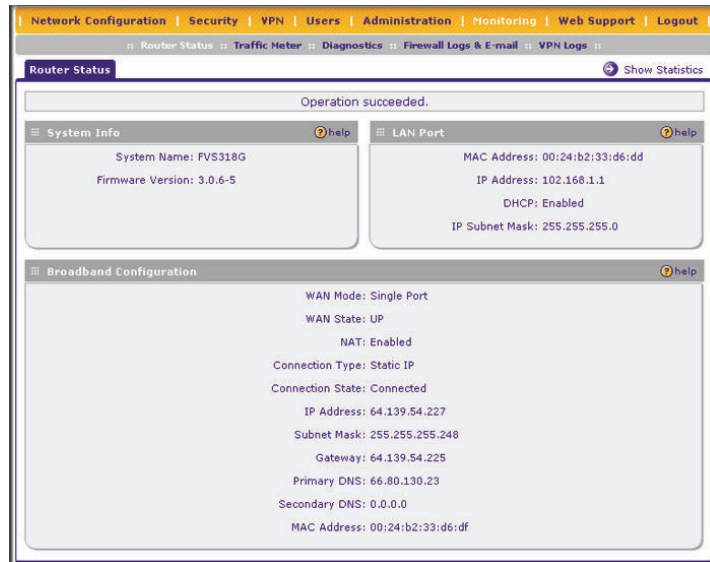
NETGEAR Configuration Manager Login

User Name:

Password/Passcode:

Domain: LOCALDOMAIN

2. Enter **admin** as the user name and **password** for the password, both in lowercase letters, and click **Login**. The Router Status screen displays.



Router Status

Operation succeeded.

**System Info**

System Name: FVS318G  
 Firmware Version: 3.0.6-5

**LAN Port**

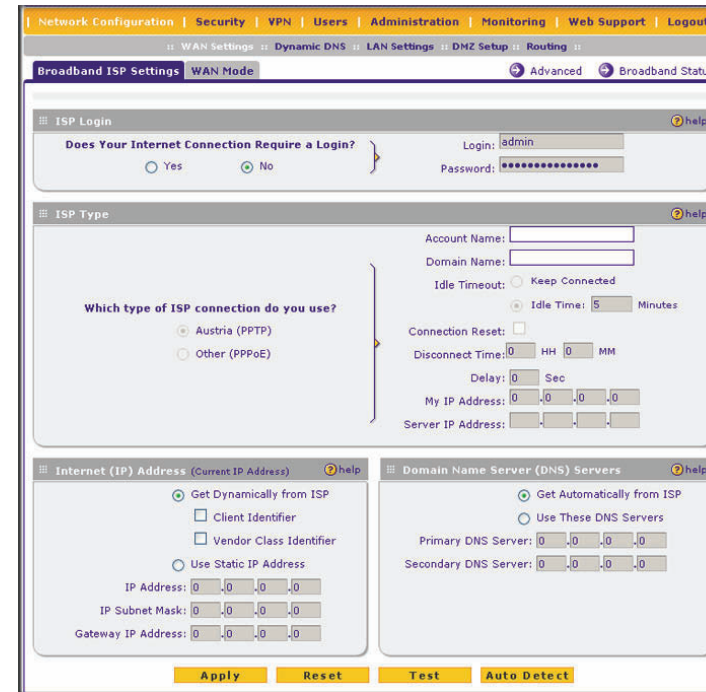
MAC Address: 00:24:b2:33:d6:dd  
 IP Address: 102.168.1.1  
 DHCP: Enabled  
 IP Subnet Mask: 255.255.255.0

**Broadband Configuration**

WAN Mode: Single Port  
 WAN State: UP  
 NAT: Enabled  
 Connection Type: Static IP  
 Connection State: Connected  
 IP Address: 64.139.54.227  
 Subnet Mask: 255.255.255.248  
 Gateway: 64.139.54.225  
 Primary DNS: 66.80.130.23  
 Secondary DNS: 0.0.0.0  
 MAC Address: 00:24:b2:33:d6:df

3. If you need to change settings, select **Network Configuration**, enter settings for your network, and click **Apply**.
4. You can click **Broadband Status** in the upper right of the screen to display the Connection Status screen.

5. If you are not connected, click **renew** on the Connection Status screen to connect to the network.



Broadband ISP Settings

ISP Login

Does Your Internet Connection Require a Login?  
 Yes  No

Login: admin  
 Password: \*\*\*\*\*

ISP Type

Which type of ISP connection do you use?  
 Austria (PPTP)  
 Other (PPPoE)

Account Name:   
 Domain Name:   
 Idle Timeout:  Keep Connected  
 Idle Time: 5 Minutes

Connection Reset:   
 Disconnect Time: 0 HH 0 MM  
 Delay: 0 Sec  
 My IP Address: 0 .0 .0 .0  
 Server IP Address: . . .

Internet (IP) Address (Current IP Address)

Get Dynamically from ISP  
 Client Identifier  
 Vendor Class Identifier  
 Use Static IP Address

IP Address: 0 .0 .0 .0  
 IP Subnet Mask: 0 .0 .0 .0  
 Gateway IP Address: 0 .0 .0 .0

Domain Name Server (DNS) Servers

Get Automatically from ISP  
 Use These DNS Servers

Primary DNS Server: 0 .0 .0 .0  
 Secondary DNS Server: 0 .0 .0 .0

## Troubleshooting Tips

### Make sure that the WAN settings are correct.

Some cable modem ISPs require you to use the MAC address of the computer registered on the ISP account. The VPN firewall automatically detects your computer MAC address. If you are not using the computer registered with your ISP, you can manually enter the correct MAC address.

1. Select **Network Configuration > WAN Settings**. The **Broadband Settings** screen displays.
2. Click the **Advanced** option arrow in the upper right of the screen. The **Broadband Advanced Options** screen displays.
3. Select **Use this MAC Address** and enter the MAC address registered with your ISP.
4. Click **Apply**.

## Technical Support

Thank you for selecting NETGEAR products.

After installing your device, locate the serial number on the label of your product and use it to register your product at <https://my.netgear.com>.

You must register your product before you can use NETGEAR telephone support. NETGEAR recommends registering your product through the NETGEAR website. For product updates, documentation, and support, visit <http://support.netgear.com>.

NETGEAR recommends that you use only the official NETGEAR support resources.

You can get the reference manual online at <http://downloadcenter.netgear.com> or through a link in the product user interface.

For the current EU Declaration of Conformity, visit [http://support.netgear.com/app/answers/detail/a\\_id/11621/](http://support.netgear.com/app/answers/detail/a_id/11621/).



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