

NETGEAR®

Installation Guide

Connect with Innovation™

ProSafe Wireless N VPN Firewall FVS318N

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.

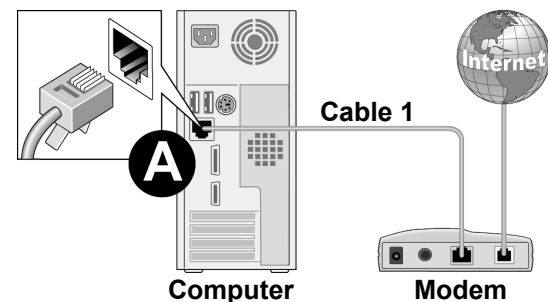
Package Contents

The VPN firewall package contains:

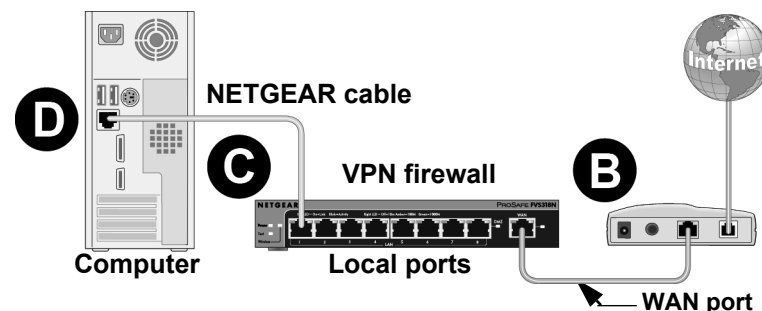
- FVS318N VPN Firewall
- Ethernet cable
- Rubber feet
- Power adapter
- Installation guide
- Resource CD

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 (cable 1 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 (cable 1 in the diagram) 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).



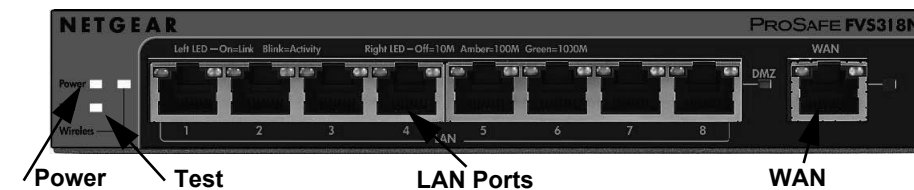
Your cables are connected, and you are ready to restart your network.

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 go to the browser Tools menu, Internet Options, Connections tab, and disable auto dialing.



- 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 FVS318N.

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

Login Reset

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

Router Status Detailed status

System Info

System Name: FVS318N
Firmware Version: 4.0.1-29

LAN (VLAN) Information

Port	IP Address	Subnet Mask
Port 1	192.168.1.1	255.255.255.0
Port 2	192.168.1.1	255.255.255.0
Port 3	192.168.1.1	255.255.255.0
Port 4	192.168.1.1	255.255.255.0
Port 5	192.168.1.1	255.255.255.0
Port 6	192.168.1.1	255.255.255.0
Port 7	192.168.1.1	255.255.255.0
Port 8/DMZ	192.168.1.1	255.255.255.0

LAN IPv4/IPv6 Information

MAC Address:

IPv6 Address: fe80::200:ff:fe00:1 / 64, fe00::1 / 64

DHCP Server: Enabled

DHCP Relay: Disabled

DHCPv6 Server: Disabled

Wireless Information

Wireless Status: Enabled

WAN Information

WAN	IP Address	Subnet Mask	Gateway	Status
WAN(IPv4)	69.3.189.140	255.255.255.248	69.3.189.137	UP
WAN(IPv6)	fe80::21e:37ff:fecc:704d/64	-	-	Down

Network Configuration Security VPN Users Administration Monitoring Web Support Logout

WAN Settings IPv6 Wireless Settings Dynamic DNS LAN Settings DMZ Setup Routing

WAN Mode Broadband ISP Settings (IPv4) Broadband ISP Settings (IPv6) Broadband Status (IPv6)

Internet Address

IPv6: DHCPv6

IStatic IP Address

IPv6 Address:

IPv6 Prefix Length:

Default IPv6 Gateway:

Primary DNS Server:

Secondary DNS Server:

DHCPv6

Stateless Address Auto Configuration:

Stateful Address Auto Configuration:

Apply Reset

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 **Connect** on the Connection Status screen to connect to the network.

For the complete EU Declaration of Conformity, visit http://support.netgear.com/app/answers/detail/a_id/11621/.

Intended for indoor use only in all EU member states, EFTA states, and Switzerland.

Troubleshooting Tips

Make sure that the network settings of the computer 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, see the reference manual to manually enter the correct MAC address.

Technical Support

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 and web 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's user interface.



201-13109-03



October 2012



This symbol appears in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE directive). If you dispose of this product in the European Union, treat and recycle it in accordance with your jurisdiction's laws that implement the WEEE directive.

NETGEAR, the NETGEAR logo, and Connect with Innovation are trademarks and/or registered trademarks of NETGEAR, Inc. and/or its subsidiaries in the United States and/or other countries. Information is subject to change without notice. Other brand and product names are registered trademarks or trademarks of their respective holders. © NETGEAR, Inc. All rights reserved.