NETGEAR®

Installation Guide

NETGEAR ProSAFE™ Dual WAN Gigabit SSL VPN Firewall FVS336G v3
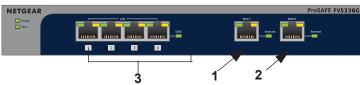
Package Contents

Thank you for purchasing this NETGEAR product. Your package contains the following items:

- NETGEAR ProSAFE™ Dual WAN Gigabit SSL VPN Firewall FVS336G v3
- AC power cable
- Rubber feet for tabletop installation
- Category 5 (Cat5) Ethernet cable
- Installation Guide
- Resource CD
- ProSAFE VPN Client Software—one user license

Connect the Firewall

To connect the cables between the Firewall, the modems, and a computer:

1. Turn off and unplug your broadband modems.

2. Connect an Ethernet cable from a modem into the WAN1 port (1) on the firewall.
3. Connect an Ethernet cable from the other modem into the WAN2 port (2) on the firewall.
4. Connect the Ethernet cable that came with your firewall into a LAN port (3) and insert the other end into the Ethernet port on your computer.

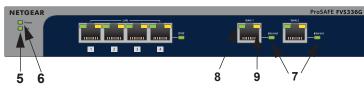   Your network cables are connected and you are ready to restart your network.

To restart your network in the correct sequence:

WARNING: Failure to restart your network in the correct sequence might prevent you from connecting to the Internet.

1. Power on your broadband modems and wait approximately two minutes until they power up.
2. Connect the power adapter to the AC power connection port (4) on the rear of the firewall.

3. Connect the power adapter to an electrical outlet.

   The Test LED (5) lights and turns off.
4. Power on your computer.
5. Check the status LEDs:

- **Power**. The power LED (6) lights solid green. If it does not light solid green, see the Troubleshooting section of the reference manual.
- **Test**. When you first turn on the router, the amber test LED (5) lights for approximately two minutes. If it is still on after several minutes, see the reference manual.
- **WAN**. The Active LEDs on WAN Port 1 and WAN Port 2 light (7). If not, make sure that the Ethernet cables are securely attached to the modems and the WAN ports, and that the modems are powered on. The Link/Act LEDs (8) indicate activity over the port. The Speed LEDs (7) respond as follows:
  - **Green**. Your computer is communicating at 1 Gbps.
  - **Amber**. Your computer is communicating at 100 Mbps.
  - **No light**. Your computer is communicating at 10 Mbps.
- **LAN**. The LAN ports Speed and Link/Act LEDs responds in the same manner as the WAN ports for the connected LAN ports.

Configure the Firewall for Internet Access

Before you begin, locate your Internet Service Provider (ISP) configuration information.

Note: To connect to the firewall, your computer must be configured to obtain an IP address automatically via DHCP. For more information, see the reference manual.

To configure the firewall for internet access:
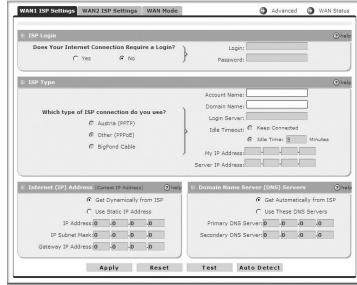
1. Use a browser to connect to https://192.168.1.1

2. Enter the default user name and password.
   - **User name**. admin
   - **Password**. password
3. Click the **Login** button.

   The **Router Status** screen displays.
4. Select **WAN Settings > WAN1 ISP Settings**.

   The **WAN 1 ISP Settings** screen displays.

5. Click the **Auto Detect** button at the bottom of the **WAN1 ISP Settings** screen.

   The router automatically attempts to detect your connection type. If you already know your ISP connection type, you can also manually configure the router settings on the **WAN1 ISP** screen.

6. Click **Apply**.

   Your settings are saved.

7. Click the **Test** button to verify that the Internet connection is active.

8. Select the **WAN2 ISP** tab and complete the same steps you completed in steps 5 and 6.

Troubleshooting Tips

Following are some tips for correcting common problems you might encounter:

- **Make sure that the Ethernet cables are securely plugged in.**

  The WAN Link/ACT light on the firewall is lit if the Ethernet cable to the firewall from each modem is plugged in securely and the modems and firewall are turned on.

  For each powered on computer connected to the firewall with a securely plugged in Ethernet cable, the corresponding firewall LAN port LED is lit.

- **Make sure that the network settings of the computer are correct.**

  Computers must be configured to obtain IP and DNS addresses automatically via DHCP. For information about configuring your computer to obtain an IP and DNS address via DHCP, see the reference manual.

- **For cable modem connections, use MAC spoofing.**

Some cable modem ISPs require that you use the MAC address of the computer registered on the account.

To use MAC spoofing:

1. Select **WAN1 ISP Settings > Advanced**.

2. In the **Router's MAC Address** section select either **Use this Computer's MAC** or **Use this MAC address**.

3. Enter the MAC address of the computer that is registered with your ISP.

   The router captures and uses the MAC address of the computer that you identified.

4. Click the **Apply** button.

   Your settings are saved.

5. Restart the network in the correct sequence.

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 and web support, visit *http://support.netgear.com*.

NETGEAR recommends that you use only the official NETGEAR support resources. You can contact NETGEAR tech support representatives via chat, e-mail or phone support at *http://support.netgear.com/general/contact/default.aspx*.

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

For regulatory compliance information, visit *http://www.netgear.com/about/regulatory/*

March 2014

201-17628-01

NETGEAR, Inc.
350 East Plumeria Drive
San Jose, CA 95134 USA