



WatchGuard Firebox Vclass QuickStart Guide

Thank you for purchasing the WatchGuard Firebox Vclass. The Firebox Vclass acts as a barrier between your networks and the public Internet, protecting them from security threats. This QuickStart Guide covers the initial installation of the WatchGuard Firebox Vclass. Please refer to the accompanying user documentation for comprehensive instructions and hardware specifications.

1 Checking Package Contents

Your package should contain the following:

- WatchGuard Firebox Vclass security appliance
- This QuickStart Guide
- User Documentation
- WatchGuard Firebox Vcontroller CD-ROM
- Power cable
- Ethernet, serial, optical data, and/or appliance-to-UPS cables based on the Firebox Vclass appliance you purchased. See the *Firebox Vclass Hardware Guide* for more information on the cables available for your Firebox Vclass model.

2 Gathering Network Information

You should gather the following network information needed during the quick setup process.

Firebox Vclass Serial Number

Found on the back of your Firebox Vclass under the barcode.

Network Addresses

Default Gateway:
Subnet Mask:
Public Interface:
Private Interface:

3 Setting Up the Management Station

You can administer the WatchGuard Firebox Vclass from any computer that you designate as the Management Station. The following instructions are for Windows. See the *Firebox Vclass User Guide* for instructions for other operating systems.

To designate the Management Station, install the Vcontroller software as follows:

- 1 Remove the Vcontroller CD from the package and insert it in the workstation CD-ROM.
- 2 Locate and double-click the CD-ROM drive icon (usually found in the My Computer window). If AutoRun is enabled on the CD drive, the Installer launches automatically.
- 3 When the CD window contents appear, double-click the Windows folder.
- 4 When that window's contents appear, double-click the **setup.exe** icon to start the installation of the Vcontroller software.
- 5 The installer may detect older versions of the Java Run-time Environment (JRE) and the Java Development Kit (JDK) or a version it cannot verify. WatchGuard recommends installing the version included on your CD over any existing versions.

- 6 When the process is finished, a window appears, prompting you to start Vcontroller.

NOTE: You must activate your LiveSecurity Service to enable VPN 3DES encryption or receive WatchGuard Support. To activate your LiveSecurity Service, go to <http://www.watchguard.com/activate> For more information on activating the LiveSecurity Service, see the *Firebox Vclass User Guide*.

4 Cabling the Firebox Vclass

The next procedure in the installation process is cabling the appliance to the Management Station. Refer to the *Firebox Vclass Hardware Guide* to ensure that you have receive all of the necessary cables.

- 1 Remove the Firebox Vclass appliance from its packaging.
- 2 Place the appliance on any stable flat surface near the Management Station.
- 3 Connect the appliance through interface 0 (Private) to the Management Station using the red crossover Ethernet cable (or corresponding optical cable depending upon the Firebox model).
- 4 Connect the appliance to a nearby power source using the power cord. If connecting the appliance to a UPS device, be sure to use the WatchGuard-supplied cable to connect the two devices through their respective RS-232 ports.

5 Using Appliance Discovery

Use WatchGuard Vcontroller to discover a new factory default Firebox Vclass security appliance on your network and assign the new unit a permanent, static IP address. The Firebox should be connected to the same LAN segment or subnet as your Management Workstation through the Private interface.

- 1 Launch Vcontroller.
The Vcontroller and Login dialog boxes appear.
- 2 Click the binoculars icon to the right of the **Server/IP Name** drop list. The WatchGuard Security Appliance Discovery dialog box appears.
- 3 Click **Find** to start the process.
If the Management Station has more than one NIC, you *must* select the IP address of the appropriate card from the drop list before proceeding.
A status dialog box appears and remains open until the discovery process is complete. See the *Firebox Vclass User Guide* to troubleshoot a failed discovery.
The Device Found dialog box appears.
- 4 From the Devices Found field, select the appliance you want to configure.
You need to define a temporary IP address for the Private interface (Router Mode), or a System IP (Transparent Mode). This temporary IP address is used in the initial configuration.
- 5 Click the **Set Interface IP** button.
- 6 Select the System Mode for the Appliance by clicking **Router Mode** or **Transparent Mode**.
- 7 **(Router Mode)** In the **Interface 0 IP** and **Interface 0 Mask** fields, type an unused IP address and the subnet mask on for this IP address.
- 8 **(Transparent Mode)** In the System IP and System Mask fields, type an unused IP address and the subnet mask for the appliance.
- 9 Click **Update**.
If more than one appliance is listed in this window, you can set an IP address for each appliance at this time, prior to clicking Apply All.
- 10 If there are no more appliances to be set, click **Apply All**.
A confirmation window appears.

- 11 Click **Yes** to proceed.
The Result window appears.
- 12 Wait for the Result window to display "ALL DONE" and then click **Close** to restart the appliance and return to the Set Interface window. The Appliance restarts.
- 13 After the appliance has restarted, click **Cancel** to close the Devices Found window.

6 Configuring the Firebox

The Vcontroller Installation Wizard configures a newly discovered Firebox Vclass with a basic configuration while simultaneously updating the Vcontroller management software for use with this and other Firebox Vclass appliances.

- 1 Power up the Firebox Vclass appliance.
- 2 Launch Vcontroller and click **Login**.
The Login dialog box appears.
- 3 Type the IP address or host name of the Firebox Vclass in the **Server IP/Name** field or select it from the drop list.
- 4 Type your administrator login name and password in the appropriate fields. The default name and password for the Firebox Vclass appliance is admin.
All data traffic between the Management Station and the Firebox Vclass appliance, including all configuration exchanges, is protected by SSL, using 128-bit RC4 and SHA1.
- 5 Click **OK**.
The Installation Wizard Welcome window appears.
- 6 Click **Next** to proceed.
The General Information dialog box appears.
- 7 Enter the following General information:

System Name	Type either the assigned DNS name for the appliance or another arbitrary name.
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System Location Type a description of where your appliance will be used. For example, this can be a building, floor number, office name, or other simple description.

System Contact: Type the name and phone number or email address of the principal administrator or department responsible for management of the appliance.

System Time Click **Change** to open the Date, Time, and Time Zone window. Make any necessary adjustments, and click **OK**.

- 8 Click **Next** to proceed. The Interface Information dialog box appears.
 - Choose whether the system will be in Transparent Mode or Router Mode. Refer to your documentation for more information.
 - For Transparent Mode, type the System IP and the System Network Mask.
 - For Router Mode, double-click the Interface 0 row, and type the IP Address and network mask in the appropriate fields.
 - If you want to enable the appliance as a DHCP server, click **Enable DHCP Server**. Type the maximum number of potential clients that will be assigned IP addresses and the number of hours or days that an IP address will be leased to a DHCP client. You can also use a separate DHCP Server by clicking **DHCP Relay**, and typing the remote DHCP server IP address.
 - To configure the Public Interface, see the *Firebox Vclass User Guide*.
- 9 Click **OK**, then click **Next** to proceed.
- 10 If you want, you can configure routing at this time. To configure a default gateway, type the public interface IP address in the Specify

Default Route field. To configure additional routes, click **Add** and complete the Add Route dialog box. For more information on configuring routes, see the *Firebox Vclass User Guide*. When you complete adding routes, click **Next** and then **OK**.

- 11 If you want, you can configure a DNS server at this time. You must provide the Firebox domain name and insert the IP addresses of any DNS servers. Click **Next** to continue.
- 12 If you want, you can automatically implement default firewall policies. We recommend that you review the defaults against the security policy preferences of your organization. For more information, see the *Firebox Vclass User Guide*. Click **Next** to continue.
- 13 The Change Password dialog box appears. This step requires you to replace the default root admin account password with a new, secure password of your choosing.
- 14 Click **Finish**.

7 Deploying the Firebox into your Network

The Firebox can now be used as a basic firewall. If you have not already done so, you should now deploy the Firebox in its permanent network location.

- Complete a software shutdown of the Firebox. Launch Vcontroller and connect to the Firebox using the Firebox name or IP and the system administrator password. From the main Vcontroller window, select **Shut Down**. Click **OK**.
- Place the Firebox in its permanent location.
- Connect the Firebox to your network and a power source.
- Change the default gateway setting on all desktops to the Firebox Trusted interface IP address.

8 What's Next

Congratulations! You have successfully installed, configured, and deployed your new Firebox Vclass security appliance on your network. What's next? Here are some things to remember as a new customer:

Customizing your security policy

You customize your security policy by adding traffic actions that expand what you allow in and out of your firewall. Every action brings trade-offs between network security and accessibility. When selecting actions, balance the needs of your organization with the requirement that the computer assets be protected from attack.

Please refer to the *Firebox Vclass Guide* for more information and assistance on configuring traffic actions.

What to expect from your LiveSecurity Service

Your Firebox includes a 3-month subscription to our award-winning LiveSecurity Service. Your subscription:

- Enables 3DES encryption and/or High Availability.
- Provides up-to-date network protection with the latest software upgrades.
- Solves problems with comprehensive technical support resources including known issues and Frequently Asked Questions.
- Reduces down time with alerts and configuration tips to combat the newest threats and vulnerabilities.
- Keeps you prepared for upcoming security threats with editorials and analysis from industry experts.
- Extends your network security with bundled software, utilities, and special offers.