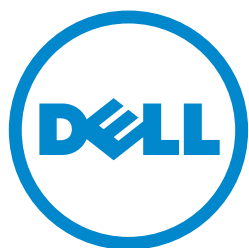


Global VPN Client Getting Started Guide



SonicWALL

Notes, Cautions, and Warnings



NOTE: A NOTE indicates important information that helps you make better use of your system.



CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.



WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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Dell SonicWALL Global VPN Client Introduction

The Dell SonicWALL Global VPN Client creates a Virtual Private Network (VPN) connection between your computer and the corporate network to maintain the confidentiality of private data. The Global VPN Client provides an easy-to-use solution for secure, encrypted access through the Internet for remote users.

This Getting Started Guide contains the following sections:

- [Before You Begin](#) on page 3
- [Installing the Global VPN Client](#) on page 3
- [Adding a VPN Connection](#) on page 7
- [Making VPN Connections](#) on page 9
- [Disabling a VPN Connection](#) on page 12

Before You Begin

You will need the following to run Dell SonicWALL Global VPN Client:

- A computer running a 32-bit or 64-bit version of Windows 8.1, Windows 8, Windows 7, Windows XP, or Windows Vista
- An active Internet connection
- A Dell SonicWALL security appliance running one of the following firmware versions:
 - SonicOS 6.1 or higher on Gen6 platforms
 - SonicOS 5.0 or higher on Gen5 platforms
 - SonicOS Enhanced 2.0.0.0 (or higher through 4.x) on Gen4 platforms
 - SonicOS Standard 2.0.0.0 (or higher) on Gen4 platforms
 - SonicOS 1.0.0.0 (or higher) on Gen4 platforms
 - Firmware version 6.6 (or higher) on Gen3 platforms
- SonicOS GroupVPN enabled on the Dell SonicWALL security appliance
- The Dell SonicWALL Global VPN Client program
- A Zip program if needed for unzipping the downloaded Global VPN program files



Note For complete instructions on installing, configuring, managing and troubleshooting the Dell SonicWALL Global VPN Client, see the *Dell SonicWALL Global VPN Client Administrator's Guide*.

Installing the Global VPN Client

The Dell SonicWALL Global VPN Client uses an easy-to-use wizard to guide you through the installation process.



Note Remove any installed 3rd party VPN client program before installing the current Global VPN Client.



Note If you have Dell SonicWALL Global VPN Client version 4.8.6 or earlier installed, you must uninstall that version before installing version 4.9.x.



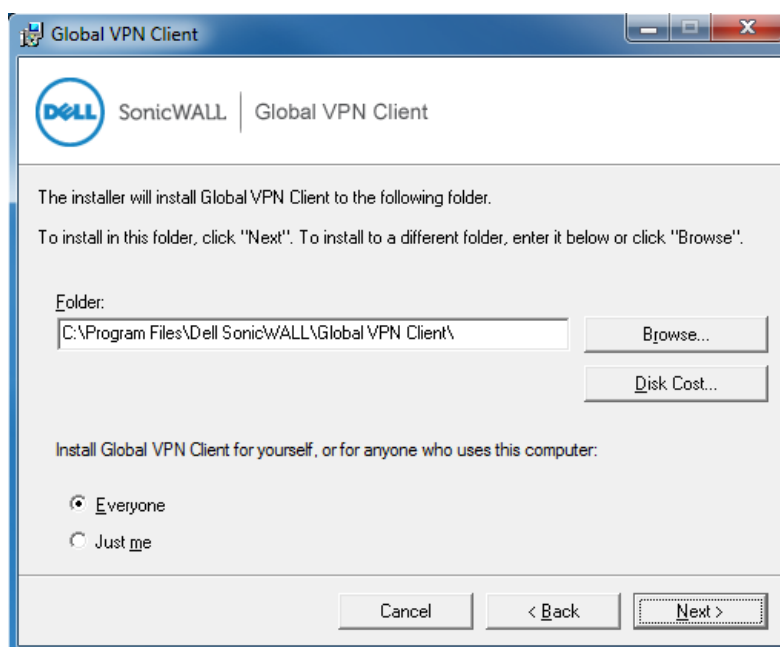
Note Installing the Global VPN Client on Windows XP or later requires Administrator rights.

Using the Setup Wizard

The following steps explain how to install the Dell SonicWALL Global VPN Client program using the **Setup Wizard**.

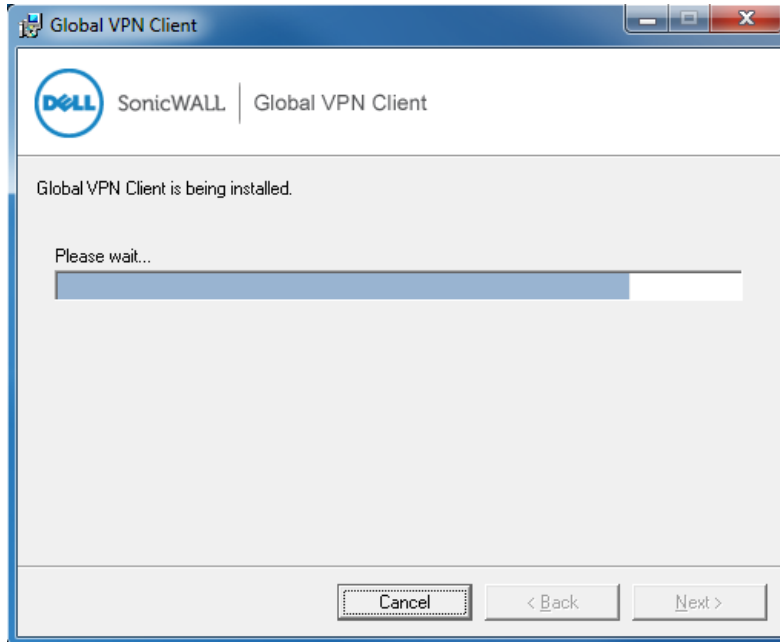
To use the Setup Wizard, perform the following steps:

1. After downloading the self extracting installer, **GVCSetupXX.exe** (where **XX** is either **32** for 32-bit Windows platforms or **64** for 64-bit Windows platforms), from MySonicWALL, double-click **GVCSetupXX.exe**. The **Setup Wizard** launches.
2. Click **Next** to continue installation of the VPN Client.
3. In the license agreement screen, select **I Agree** and then click **Next**.
4. In the installation folder selection screen, optionally click **Browse** to specify a custom installation location.

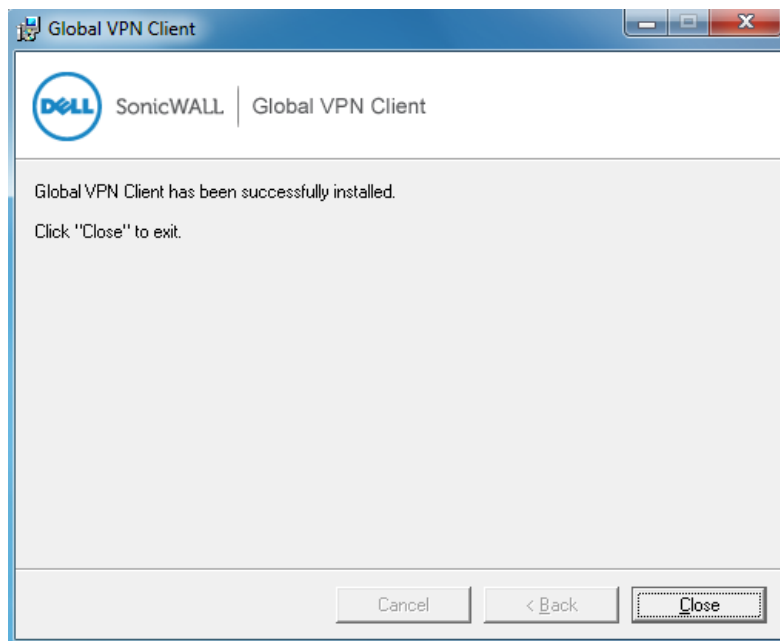


5. Click the **Disk Cost** button to see the disk space requirements.
6. Under **Install SonicWALL Global VPN Client for yourself, or for anyone who uses this computer**, select either **Everyone** or **Just me**, and then click **Next**.
7. The next screen indicates that the installer is ready to begin installation. Click **Next**.

8. Wait while the Dell SonicWALL Global VPN Client files are installed on your computer.



9. The next screen indicates the status of the installation. Click **Close** to exit the wizard.



10. After a successful installation, the Global VPN Client launches automatically.

If you saved the connection configurations from a previous version of the Dell SonicWALL Global VPN Client when uninstalling it, the Global VPN Client launches silently and your default connection prompts you for login credentials.

If no previous connections exist, the **New Connection Wizard** launches automatically. This only occurs the first time the Global VPN Client starts up. For more information, see [Creating a VPN Connection Using the New Connection Wizard](#) on page 7,



Tip You can configure the Global VPN Client to launch automatically every time you log onto your computer, on the General tab in the View > Options page. For more information, see the *Dell SonicWALL Global VPN Client Administrator's Guide*.

Upgrading Global VPN Client from a Previous Version

Upgrades are supported from Dell SonicWALL Global VPN Client version 4.9.x to higher versions. It is not necessary to uninstall the previous version first.

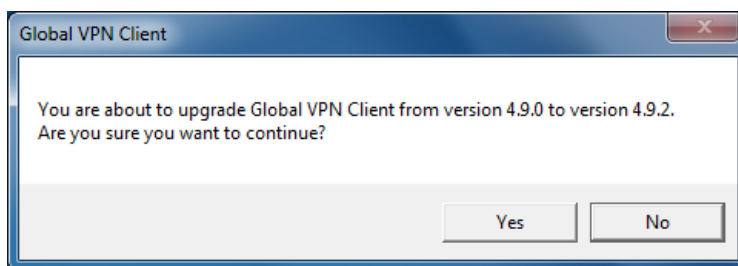


Note If you have Dell SonicWALL Global VPN Client version 4.8.6 or earlier installed, you must uninstall that version before installing version 4.9.x. The 4.9.x installer does not allow upgrading from version 4.8.6 or earlier.

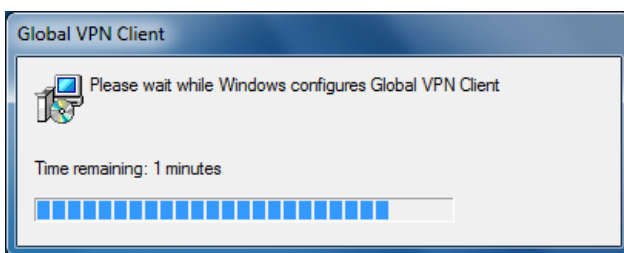
During an upgrade, your configured connections and virtual MAC address are preserved. The setup wizard does not ask you to confirm the license agreement, installation location, or other setup questions, but uses the information you provided during the previous installation.

To upgrade to the latest Dell SonicWALL Global VPN Client:

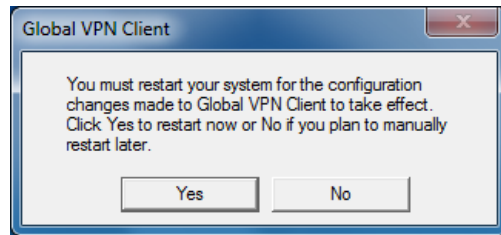
1. After downloading the self extracting installer, **GVCSetupXX.exe** (where **XX** is either **32** for 32-bit Windows platforms or **64** for 64-bit Windows platforms), from MySonicWALL, double-click **GVCSetupXX.exe**. The **Setup Wizard** launches.



2. Click **Yes** to continue with the upgrade process. The wizard installs Global VPN Client using the settings from the previous installation.



3. Click **Yes** to restart your computer after the installation completes, or click **No** to restart it later.



Note The upgrade does not take effect until the computer is restarted.

Adding a VPN Connection

Adding a new VPN connection is easy because Dell SonicWALL's Client Policy Provisioning automatically provides all the necessary configuration information to make a secure connection to the local or remote network.

This section describes how to use the New Connection wizard to create and save a VPN connection. The wizard automatically downloads the VPN configuration information over a secure IPsec VPN tunnel.

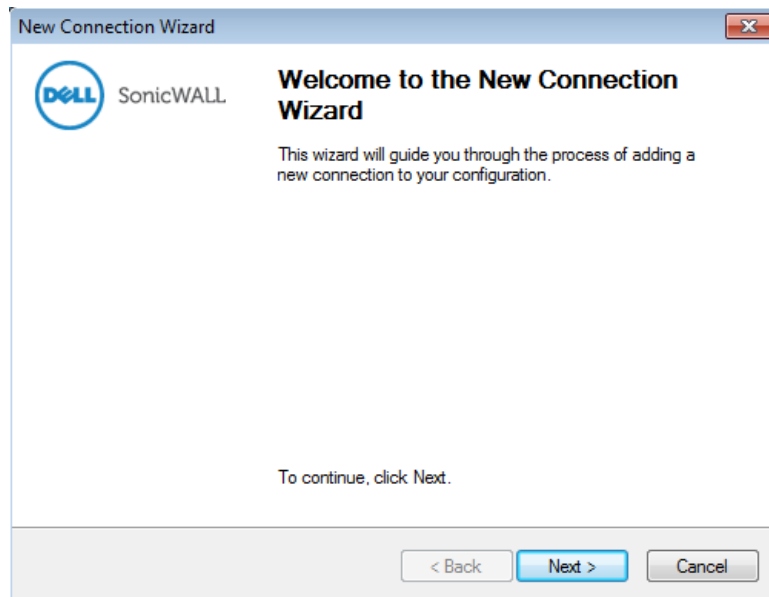


Note If a **default.rcf** file is included with the downloaded Global VPN Client software, the VPN policy configured by the Dell SonicWALL VPN Gateway administrator is used to automatically create a connection when the client software is installed.

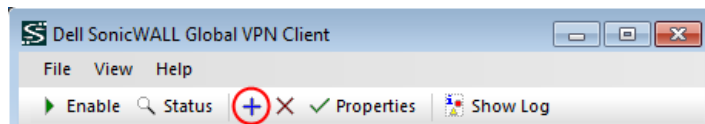
Creating a VPN Connection Using the New Connection Wizard

The following instructions explain how to use the **New Connection Wizard** to automatically download a VPN connection policy for the Global VPN Client from a local or remote Dell SonicWALL VPN gateway.

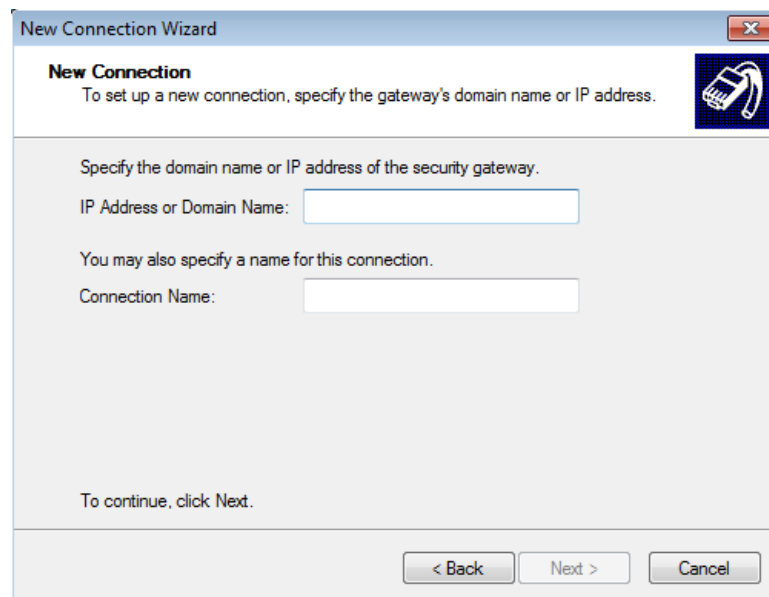
1. Choose **Start > Programs > Global VPN Client**. The first time you open the Dell SonicWALL Global VPN Client, the **New Connection Wizard** automatically launches.



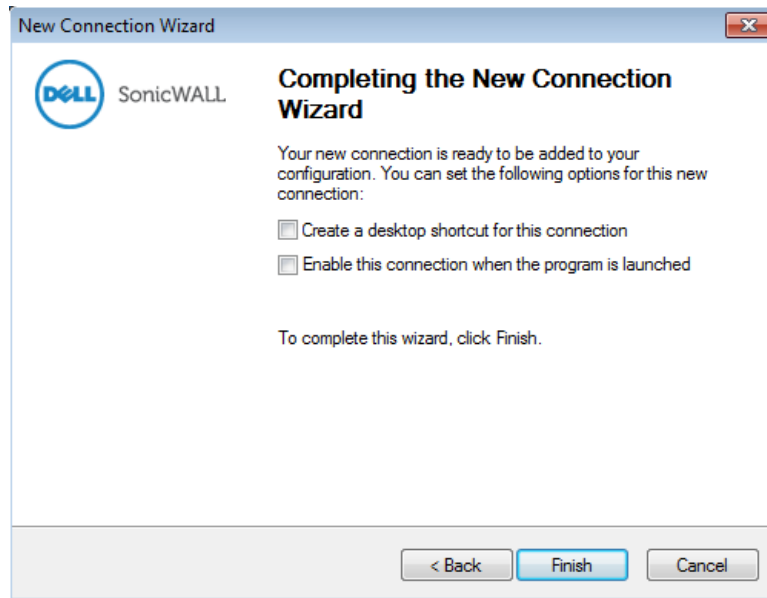
2. If the **New Connection Wizard** does not display, click the Add new connection button to launch the **New Connection Wizard**. Click **Next**.



3. In the next screen, type the IP address or FQDN of the gateway in the **IP Address or Domain Name** field. The information you type in the **IP Address or Domain Name** field appears in the **Connection Name** field. If you want a different name for your connection, type the new name for your VPN connection in the **Connection Name** field. Click **Next**.



4. In the **Completing the New Connection Wizard** page, select any or none of the options.



- Select **Create a desktop shortcut for this connection**, if you want to create a shortcut icon on your desktop for this VPN connection.
 - Select **Enable this connection when the program is launched**, if you want to automatically establish this VPN connection when you launch the Dell SonicWALL Global VPN Client.
5. Click **Finish**. The new VPN connection appears in the Global VPN Client window.

Making VPN Connections

Making a VPN connection from the Global VPN Client is easy because the configuration information is managed by the Dell SonicWALL VPN gateway. The Dell SonicWALL VPN Gateway SonicOS administrator sets the parameters for what is allowed and not allowed with the VPN connection. For example, for security reasons, the Dell SonicWALL VPN Gateway administrator may not allow multiple VPN connections or the ability to access the Internet or local network while the VPN connection is enabled.

The Global VPN Client supports two IPsec authentication modes: IKE using Preshared Secret and IKE using 3rd Party Certificates. Preshared Secret is the most common form of the IPsec authentication modes. If your VPN connection policy uses 3rd party certificates, you use the Certificate Manager to configure the Global VPN Client to use digital certificates.

A Pre-Shared Key (also called a Shared Secret) is a predefined password that the two endpoints of a VPN tunnel use to set up an IKE (Internet Key Exchange) Security Association. This field can be any combination of alphanumeric characters with a minimum length of 4 characters and a maximum of 128 characters. Your Pre-Shared Key is typically configured as part of your Global VPN Client provisioning. If it is not, you are prompted to enter it before you log on to the remote network.

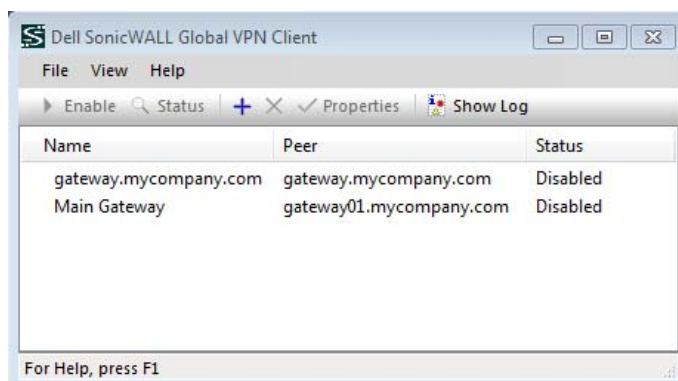
Enabling a VPN Connection

To establish a VPN connection using a VPN connection policy you created in the Global VPN Client, perform the following steps:

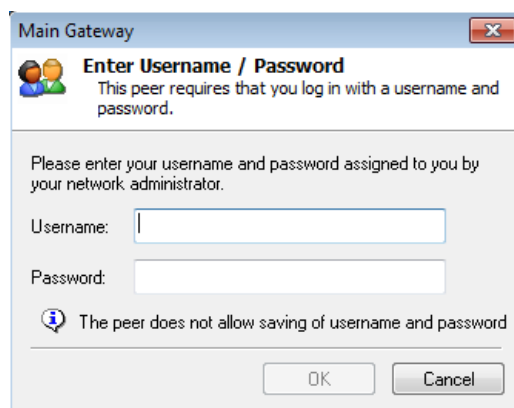


Note If you selected **Enable this connection when the program is launched** in the New Connection Wizard, the VPN connection is automatically enabled when you launch the Dell SonicWALL Global VPN Client.

1. Choose **Start > Programs > Global VPN Client** to launch the Dell SonicWALL Global VPN Client. The Global VPN Client window is displayed.



2. Double-click the VPN connection name or right-click it and select **Enable** from the menu.
3. In the Enter Username / Password dialog box, type your username and password. Click **OK** to continue with establishing your VPN connection.

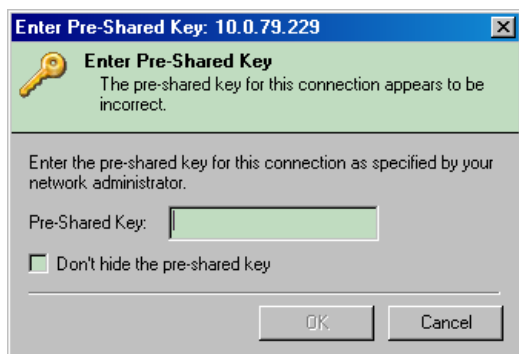


Depending on the attributes for the GroupVPN policy on the Dell SonicWALL security appliance, the **Enter Pre-Shared Key** or **Select Certificate** dialog box might be displayed. See [Entering a Pre-Shared Key](#) on page 11 or [Selecting a Certificate](#) on page 11 for more information.

4. If the VPN connection policy allows only traffic to the gateway, the **Connection Warning** message appears, warning you that only network traffic destined for the remote network at the other end of the VPN tunnel is allowed. See [Connection Warning](#) on page 12 for more information.

Entering a Pre-Shared Key

Depending on the attributes for the VPN connection, if no default Pre-Shared Key is used, you must have a Pre-Shared Key provided by the gateway administrator in order to make your VPN connection. If the default Pre-Shared Key is not included as part of the connection policy download or file, the **Enter Pre-Shared Key** dialog box appears to prompt you for the Pre-Shared key before establishing the VPN connection.

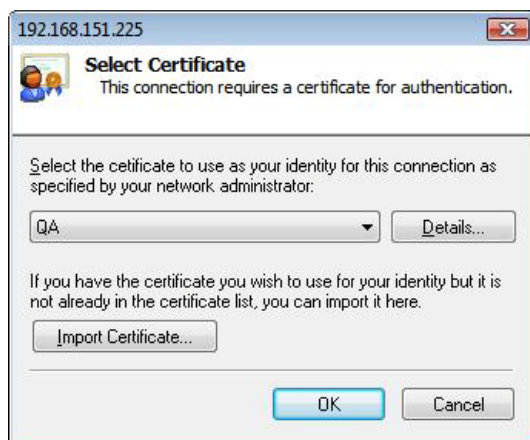


1. Type your Pre-Shared Key in the **Pre-shared Key** field. The Pre-Shared Key is masked for security purposes.
2. To make sure you are entering the correct Pre-Shared Key, select the **Don't hide the pre-shared key** checkbox. The Pre-Shared Key you enter appears unmasked in the **Pre-shared Key** field.
3. Click **OK**.

Selecting a Certificate

If the Dell SonicWALL VPN Gateway requires a Digital Certificate to establish your identity for the VPN connection, the **Select Certificate** dialog box appears. This dialog box lists all the available certificates installed on your Global VPN Client.

1. Select the certificate from the drop-down list.



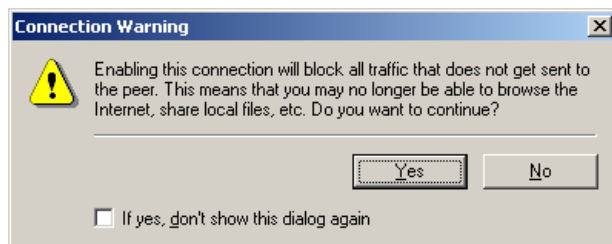
2. If you have a certificate that has not been imported into the Global VPN Client using **Certificate Manager**, click **Import Certificate** and import the certificate you need.
3. Click **OK**.



Note See the *Dell SonicWALL Global VPN Client Administrator's Guide* for more information on using the **Certificate Manager**.

Connection Warning

If the VPN connection policy allows only traffic to the gateway, the **Connection Warning** message appears, warning you that only network traffic destined for the remote network at the other end of the VPN tunnel is allowed. Any network traffic destined for local network interfaces and the Internet is blocked.



You can disable the **Connection Warning** message from displaying every time you enable the VPN connection by checking **If yes, don't show this dialog box again**. Click **Yes** to continue with establishing your VPN connection.

Disabling a VPN Connection

Disabling a VPN connection terminates the VPN tunnel. You can disable a VPN connection using any of the following methods:

- Right-click the VPN connection in the Global VPN Client window, and select **Disable**.
- Right-click the Global VPN Client icon on the system tray, and choose **Disable > connection**.
- Select the connection, then press **Ctrl+B**.
- Select the connection, and click the **Disable** button on the toolbar in the Global VPN Client window.

