SonicWALL Network Security Appliances

NETWORK SECURITY

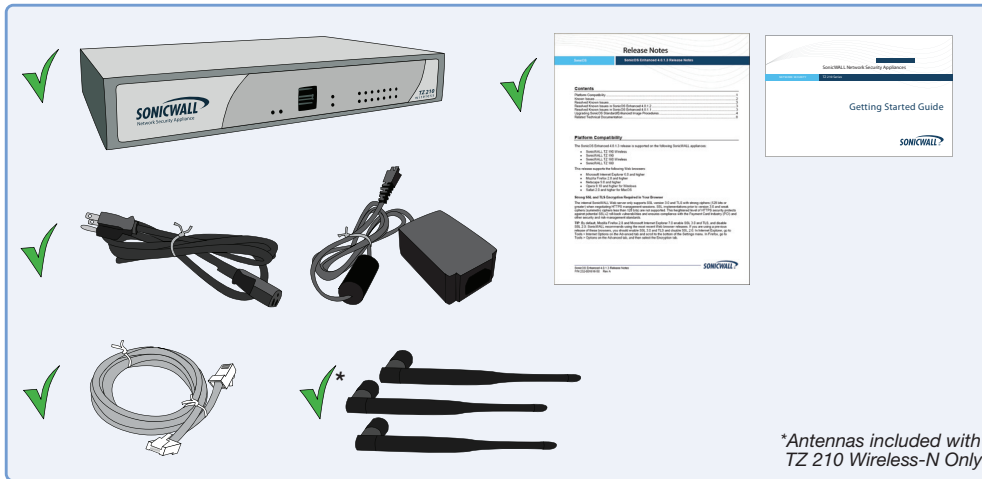TZ 210 Series

Getting Started Guide

SONICWALL®

SonicWALL TZ 210 Series │ Quick Start

Start here if you are new to SonicWALL appliances. The next few pages provide a Quick Start to connecting your appliance. For a complete listing of contents, including more advanced network deployments, see the *Table of Contents* on *page i* of this guide.

1 Verify Contents

2 Connect Network

3 Connect Power

4 Boot Appliance

5 Setup Wizard

**Antennas included with
TZ 210 Wireless-N Only*

Missing Items?
If any items are missing from your package, please contact SonicWALL support.
A listing of the most current support documents are available online at: <http://www.sonicwall.com/us/support.html>
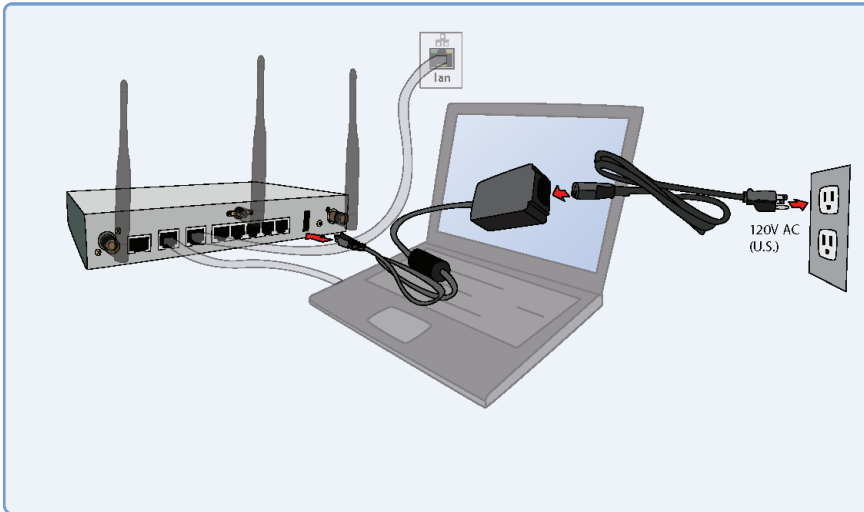
SonicWALL TZ 210 Series │ Quick Start

Connect the SonicWALL TZ 210 series appliance using standard CAT-5 Ethernet cables as shown in the illustration below.
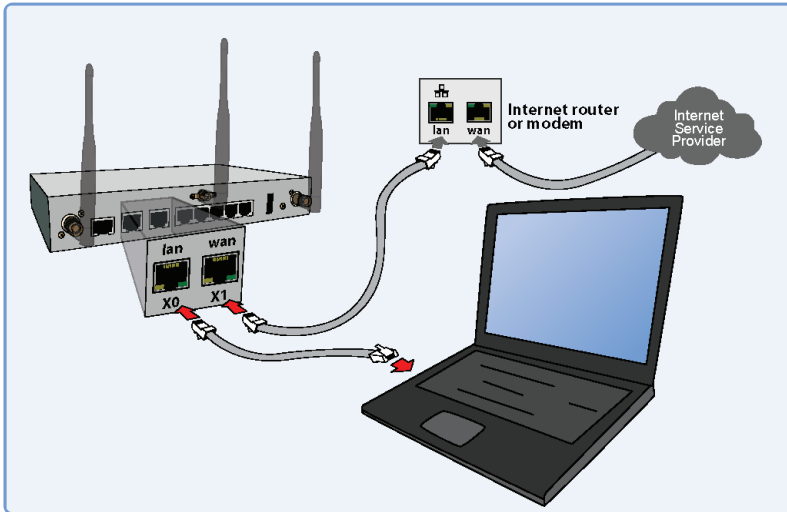
1 *Verify Contents*

2 *Connect Network*

3 *Connect Power*

4 *Boot Appliance*

5 *Setup Wizard*

SonicWALL TZ 210 Series │ Quick Start

Connect the included power cable and adaptor and plug into a properly grounded 120V AC outlet.

1 *Verify Contents*

2 *Connect Network*

3 *Connect Power*

4 *Boot Appliance*

5 *Setup Wizard*

SonicWALL TZ 210 Series │ **Quick Start**

The TZ 210 series appliance powers on and the orange "test" LED blinks during the boot sequence. Continue to the next step when the "test" LED is no longer lit. This process may take up to 2 minutes.

For troubleshooting this step, see *page iv* of this guide.
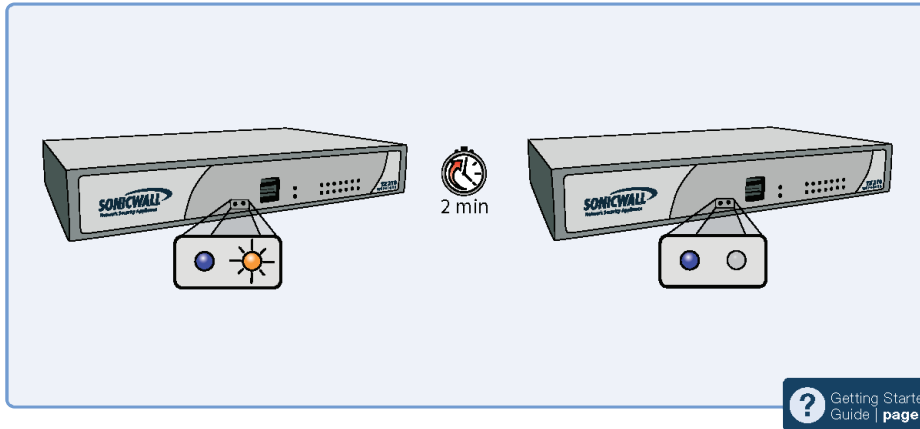
2 min

Getting Started
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1 *Verify Contents*

2 *Connect Network*

3 *Connect Power*

4 *Boot Appliance*

5 *Setup Wizard*

SonicWALL TZ 210 Series │ Quick Start

Using a computer connected to the LAN port of the SonicWALL TZ 210 series appliance, navigate to "http://192.168.168.168/" in a Web browser. The SonicWALL Setup Wizard displays.

Continue to *page 4* of this guide to complete the Setup Wizard.

http://192.168.168.168/

Welcome to the SonicWALL Setup Wizard

This Wizard will help you quickly configure the SonicWALL to secure your network connections. Once completed, you can use the SonicWALL Web Management Interface for additional configuration options.

Please see the User's Guide for more details.

Set the language for your SonicWALL. You can change the language to one of the choices below. If you change the language the firewall must be rebooted for the change to take effect.

Language Selection: English

To continue, click Next.

To close this window, click Cancel.

SONICWALL   Next >   Cancel

1 *Verify Contents*

2 *Connect Network*

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Getting Started
Guide | **page 4**

SonicWALL TZ 210 Series Getting Started Guide

This *Getting Started Guide* provides instructions for basic installation and configuration of the SonicWALL TZ 210 series appliance running SonicOS Enhanced.

Document Contents

This document contains the following sections:

SONICWALL®

SonicWALL TZ 210 Series Front Panel

LAN/WAN Port Status

Provides dedicated LAN/WAN port status as follows:

link/spd: ○ Off=10M
       ○ Green=100M
       ○ Amber=1,000M
activity: ○ Solid=link
      ✷ Blinking=activity

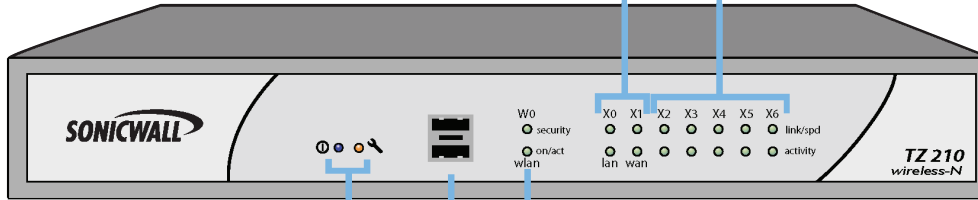**10/100 Ethernet Port Status**

Provides Ethernet port status as follows:

link/spd: ○ Off=10M
       ○ Green=100M
activity: ○ Solid=link
     ✷ Blinking=activity

Indicator LEDs

Provides power and test status
(refer to page iv)

USB Ports

For future applications

Wireless LAN Status

On the TZ 210 Wireless only. Provides Ethernet port status as follows:

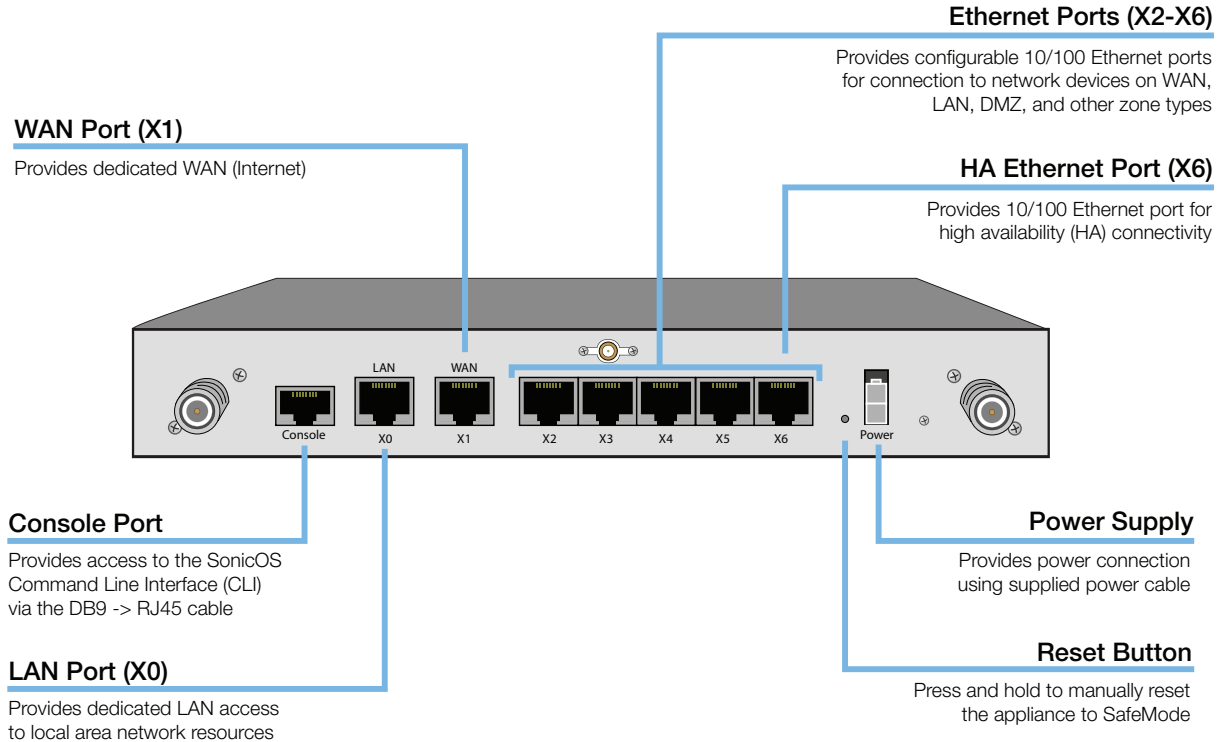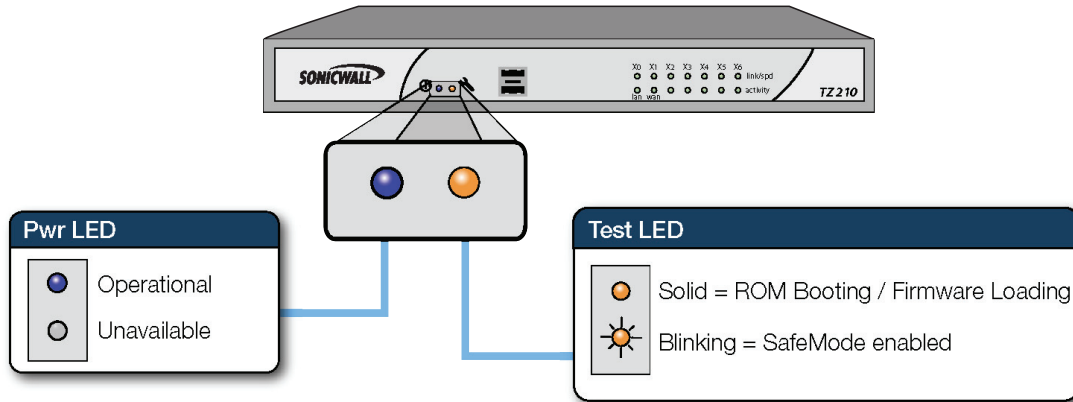**security**: ○ Off=no activity
      ✷ Blinking=activity
on/act: ○ Off=wireless radio off
     ○ Solid=wireless radio on

SonicWALL TZ 210 Series Rear Panel

Ethernet Ports (X2-X6)

Provides configurable 10/100 Ethernet ports for connection to network devices on WAN, LAN, DMZ, and other zone types

WAN Port (X1)

Provides dedicated WAN (Internet)

HA Ethernet Port (X6)

Provides 10/100 Ethernet port for high availability (HA) connectivity

LAN   WAN

Console   X0   X1   X2   X3   X4   X5   X6   Power

Console Port

Provides access to the SonicOS Command Line Interface (CLI) via the DB9 -> RJ45 cable

Power Supply

Provides power connection using supplied power cable

LAN Port (X0)

Provides dedicated LAN access to local area network resources

Reset Button

Press and hold to manually reset the appliance to SafeMode

SonicWALL TZ 210 Series LED Reference

Pwr LED

Operational

Unavailable

Test LED

Solid = ROM Booting / Firmware Loading

Blinking = SafeMode enabled

Setting Up Your Network 1

In this Section:

This section provides pre-configuration information. Review this section before setting up your SonicWALL TZ 210 series appliance.

System Requirements

Before you begin the setup process, verify that you have:

- An Internet connection
- A Web browser supporting Java Script and HTTP uploads. Supported browsers include the following:

	Supported Browsers	Browser Version Number
	Internet Explorer	6.0 or higher
	Firefox	2.0 or higher
	Netscape	9.0 or higher
	Opera	9.10 or higher for Windows
	Safari	2.0 or higher for MacOS

Recording Configuration Information

Record the following setup information to use during the setup process and for future reference:

Registration Information

Serial Number:	Record the serial number found on the bottom panel of your SonicWALL appliance.
Authentication Code:	Record the authentication code found on the bottom panel of your SonicWALL appliance.

Networking Information

LAN IP Address: _____._____._____._____	Select a static IP address for your SonicWALL appliance that is within the range of your local subnet. If you are unsure, you can use the default IP address (192.168.168.168).
Subnet Mask: _____._____._____._____	Record the subnet mask for the local subnet where you are installing your SonicWALL appliance.
Ethernet WAN IP Address: _____._____._____._____	Select a static IP address for your Ethernet WAN. *This setting only applies if you are already using an ISP that assigns a static IP address.*

Administrator Information

Admin Name:	Select an administrator account name. (default is *admin)*
Admin Password:	Select an administrator password. (default is *password*)

Primary Internet Service Provider (ISP) Information

Record the following information about your current ISP:

If you connect via	You likely use	Please record
Cable modem, DSL with a router	DHCP	*No Internet connection information is usually required*, although some service providers require a host name. Host Name: _____
Home DSL	PPPoE	User Name: _____ Password: _____ *Note: Your ISP may require your user name in the format: name@ISP.com*
T1/E1, Static broadband, Cable or DSL with a static IP	Static IP	IP Address: _____._____._____._____ Subnet Mask: _____._____._____._____ Default Gateway (IP Address): _____._____._____._____ Primary DNS: _____._____._____._____ Secondary DNS (optional): _____._____._____._____
Dial-in to a server	PPTP	Server Address: _____ User Name: _____ Password: _____

Secondary ISP Information

Record the following information about your secondary ISP:

If you connect via	You likely use	Please record
Cable modem, DSL with a router	DHCP	Host Name: _____
Home DSL	PPPoE	User Name: _____ Password: _____
T1/E1, Static broadband, Cable or DSL with a static IP	Static IP	IP Address: _____._____._____._____ Subnet Mask: _____._____._____._____ Default Gateway (IP Address): _____._____._____._____ Primary DNS: _____._____._____._____ Secondary DNS (optional): _____._____._____._____
Dial-in to a server	PPTP	Server Address: _____ User Name: _____ Password: _____

Completing the Setup Wizard

The Setup Wizard takes you through several basic steps to get your SonicWALL TZ 210 series appliance configured for your network. **Use the *Recording Configuration Information* section, on page 2 to record your configuration information as you complete the wizard.**

Note: *If you are having trouble accessing the Setup Wizard, see the Troubleshooting the Setup Wizard section, on page 7 of this document.*

The Setup Wizard guides you through the following steps:

Change Password—Create a new password so that only you have access to the management interface. The default password is "password."

Change Time Zone—Select the correct time zone for proper updates and time-based functionality.

WAN Network Mode—Choose your method of connecting to the Internet. This information is provided by your Internet Service Provider (ISP).

WAN Settings—Required for some WAN modes. This information is also provided by your ISP.

LAN Settings—Enter custom local network address settings, or use the default values, which work well for most networks.

LAN DHCP Settings—Allow your SonicWALL TZ 210 series appliance to automatically connect other local computers by specifying a DHCP range, or use the default.

Ports Assignment—Configure the extra interfaces (X2-X6) for different network requirements.

At the end of the wizard, a configuration summary displays. It is recommended that you record this information in the *Recording Configuration Information* section, on page 2 of this guide.

After the Setup Wizard completes, the appliance may reboot. Please wait a few minutes while the SonicWALL appliance reboots to save the updated firmware settings, and then continue with the next section of this guide.

Accessing the Management Interface

The computer you use to manage the SonicWALL TZ 210 series appliance must be set up to connect using DHCP, or with a static IP address in your chosen subnet. The default subnet for LAN zone ports is 192.168.168.x.

If your SonicWALL TZ 210 series appliance required a reboot after completing the Setup Wizard, wait until the 🔧 LED is no longer lit before continuing.
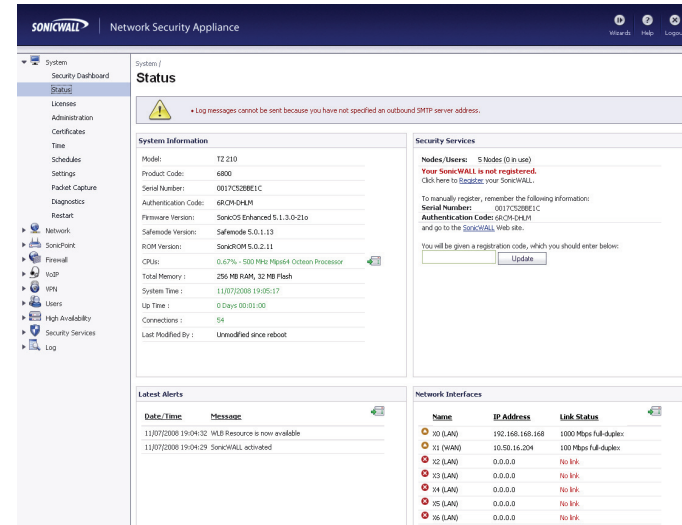
To access the SonicOS Web-based management interface:

1. Enter the default IP address of **http://192.168.168.168**, or the LAN IP address you chose during the Setup Wizard, in the **Location** or **Address** field of your Web browser.

Tip: *If you changed the LAN IP of your SonicWALL during the Setup Wizard, you may need to restart your computer for changes to take effect.*

2. When the SonicWALL Management Login page displays, enter your **username** and **password** (default values are "admin" for user name and "password" for password).

If the **System > Status** page (shown below) displays, then you have correctly configured the SonicWALL TZ 210 series appliance to work with the computer on your LAN.

Verifying WAN (Internet) Connectivity

Complete the following steps to confirm your Internet connectivity:

1. In the Windows interface, launch your Web browser.
2. Enter "http://www.sonicwall.com" in the address bar and press **Enter** on the keyboard. The SonicWALL website displays. If you are unable to browse to a Website, see "Troubleshooting Internet Connection" on page 7.
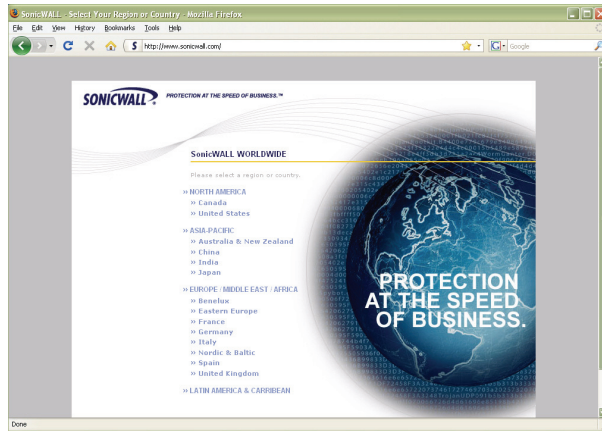
Connecting Your Network Devices

Connecting Directly
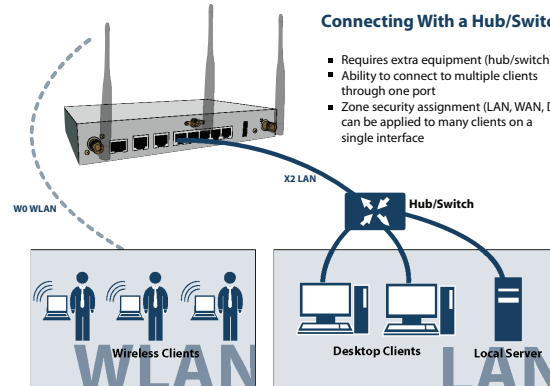
- Good for small networks (less than 5 clients)
- Easy to setup
- Requires less equipment
- Each interface may be configured for a different zone (LAN, WAN, DMZ)
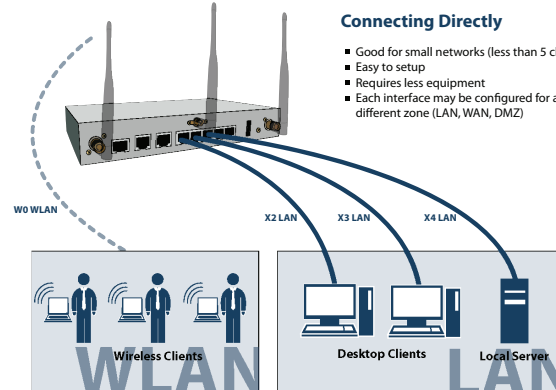
Connecting With a Hub/Switch

- Requires extra equipment (hub/switch)
- Ability to connect to multiple clients through one port
- Zone security assignment (LAN, WAN, DMZ) can be applied to many clients on a single interface

Troubleshooting Initial Setup

This section provides troubleshooting tips for the following initial setup topics:

- Troubleshooting the Setup Wizard - page 7
- Troubleshooting Internet Connection - page 7
- Configuring DHCP IP Addressing - page 8

Troubleshooting the Setup Wizard

- **If you see the login screen, but not the Setup Wizard:**
  - Configure your Web browser to allow pop-ups.
  - Log into the security appliance using "**admin**" as the user name and "**password**" as the password. After you log in, click the **Wizards** button at the top right.

- **If you do not see the login screen or the Setup Wizard, verify the following:**
  - Did you correctly enter the SonicWALL TZ 210 series appliance management IP address, *192.168.168.168*, in your Web browser?
  - Is your computer set to accept DHCP addressing or set to a static IP address within the 192.168.168.x subnet range? If not, see the *Configuring DHCP IP Addressing* section, on page 8 for instructions.
  - Is the Ethernet cable connected between your computer and the LAN (X0) port on your SonicWALL?

- Do you need to add the SonicWALL appliance to your list of trusted sites in your Web browser? Use the default IP address (192.168.168.168) for this.
- Is the Test ⚒ LED on the front panel of your SonicWALL appliance lit? If the Test LED stays lit for more than a few minutes after the initial power on sequence, power cycle the SonicWALL appliance.

Troubleshooting Internet Connection

If you can view the SonicWALL home page, you have configured your SonicWALL TZ 210 series appliance correctly. If you cannot view the SonicWALL home page, try the following:

- **Renew your management station DHCP address** if you changed the IP address/subnet of your network during setup.
- **Restart your management station** to accept new network settings from the DHCP server in the SonicWALL appliance.
- **Restart your Internet router or modem** to communicate with the DHCP client in the SonicWALL appliance.
- **Log into the SonicOS management interface** and launch the Setup Wizard again by clicking the Wizards button in the top right corner of the interface. Ensure that all of your settings are correct.

Configuring DHCP IP Addressing

If you are having trouble connecting to the SonicWALL TZ 210 series appliance, complete the following section based on your Windows operating system flavor. Configure your management computer to obtain an IP address using DHCP.

Windows Vista

1. From the **Start** menu, right-click **Network** and select **Properties**.
2. In the **Tasks** menu, click **Manage network connections**. The Network Connections windows displays.
3. Right-click on your **Local Area Connection** and select **Properties**.
4. In the list, double-click **Internet Protocol Version 4 (TCP/IP)**.
5. Select **Obtain an IP address automatically** and **Obtain a DNS address automatically**.
6. Click **OK**, and then click **OK** again for the settings to take effect.

Windows XP

1. From the **Start** menu, highlight **Connect To** and then select **Show All Connections.**
2. Right-click on your **Local Area Connection** and select **Properties**.
3. In the list, double-click **Internet Protocol (TCP/IP)**.
4. Select **Obtain an IP address automatically** and **Obtain a DNS address automatically**.
5. Click **OK**, and then click **OK** again for the settings to take effect.

Windows 2000

1. From the Windows **Start** menu, select **Settings**.
2. Open **Network and Dial-up Connections**.
3. Click **Properties**.
4. Highlight **Internet Protocol (TCP/IP)** and click **Properties**.
5. Select **Obtain an IP address automatically** and **Obtain a DNS address automatically**.
6. Click **OK** for the settings to take effect.

Registering Your Appliance 2

In this Section:

This section provides instructions for registering your SonicWALL TZ 210 series appliance.

- Creating a MySonicWALL Account - page 10
- Registering and Licensing Your Appliance on MySonicWALL - page 10

Note: *Registration is an important part of the setup process and is necessary to receive the benefits of SonicWALL security services, firmware updates, and technical support.*