Network Security Appliances

NETWORK SECURITY

SonicWALL NSA E7500

SonicWALL NSA E7500 Getting Started Guide



SonicWALL NSA E7500 Getting Started Guide SonicWALL EARLY FIELD TRIAL DRAFT

The SonicWALL NSA E7500 is a high-performance, multi-service gigabit network security platform that protects users and critical network resources from dynamic network threats and attacks. The SonicWALL NSA E7500 is easy to deploy. It integrates SonicWALL's Security Services for comprehensive Unified Threat Management, including:

- Intrusion Prevention Service
- Gateway Anti-Virus
- Anti-Spyware
- · Client-Enforced Anti-Virus
- Content Filtering Service

This *Getting Started Guide* provides instructions for basic installation and configuration of the SonicWALL NSA E7500 running SonicOS Enhanced. After you complete this guide, computers on your Local Area Network (LAN) will have secure Internet access.



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Completing Pre-Configuration Tasks

In this Section:

This section provides pre-configuration information. Review this section before setting up your SonicWALL NSA E7500.

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- Obtain Configuration Information, on page 6
- Obtain Internet Service Provider (ISP) Information, on page 7
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System Requirements

Before you begin the setup process, check to ensure that you have:

- A computer to use as a management station for initial configuration of the SonicWALL NSA E7500
- A Web browser supporting Java and HTTP uploads. Internet Explorer 6.0 or higher, Netscape Navigator 7.2 or higher, or Opera 8.54 or higher are required.
- An Internet connection

Check Package Contents

- SonicWALL NSA E7500
- Ethernet cable
- 3 Standard power cord (2)
- Release Notes
- 5 SonicWALL Resource CD
- Getting Started Guide
- Rack Mount**
- 8 Rail Kit**
- DB9 -> RJ45 (CLI) Cable**

Any Items Missing?

If any items are missing from your package, please **contact SonicWALL support**.

A listing of the most current support options is available online at: http://www.sonicwall.com/us/support.html

*The included power cord is intended for use in North America only. For European Union (EU) customers, a power cord is not included

**Items not included in content graphic.



Obtain Configuration Information

Please record and keep for future reference the following setup information:

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 <i>admin</i>)
Admin Password:	Select an administrator password. (default is password)

Obtain Internet Service Provider (ISP) Information

Record the following information about your current Internet service:

If You connect using	Please record
DHCP	No Internet connection information is usually required:
Static IP	IP Address: Subnet Mask: Default Gateway (Router IP Address): Primary DNS: Secondary DNS (optional):

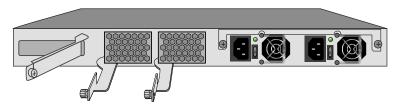
Note: If you are not using one of the network configurations above, refer to the <u>SonicOS Enhanced Administrator's Guide</u>. You can locate this guide on your SonicWALL Resource CD.

The Front Panel



Feature	Description
LCD Screen	Displays the front panel bezel interface, which can be used to display status information, make certain configuration changes, restart the appliance, or boot the appliance in Safe Mode.
Control Buttons	Used to navigate the front panel bezel interface.
Console Port	Used to access the SonicOS Command Line Interface (CLI) via the DB9 -> RJ45 cable.
USB Ports (2)	Future extension.
Power LED (2)	Indicates the SonicWALL NSA E7500 is powered on.
Test LED	Flickering: Indicates the appliance is initializing. Steady blinking: Indicates the appliance is in safe mode. Solid: Indicates that the appliance is in test mode.
Alarm LED	Indicates an alarm condition.
HD LED	Future extension.
HA Port	High availability failover port.
X0-X7	Gigabit Ethernet ports.
Bypass Status LED	Indicates that default LAN and WAN interfaces (X0 and X1 respectively) are directly connected.

The Back Panel



Feature	Description
Expansion Bay	Future extension.
Fans (2)	The SonicWALL NSA E7500 includes two fans for system
	temperature control.
Power Supply (2)	The SonicWALL NSA E7500 includes two power supplies for
	redundant AC power and added reliability.

Front Bezel Control Features

The SonicWALL Network Security Appliance series is equipped with a front panel bezel interface that allows an administrator to customize certain aspects of the appliance or simply monitor its status without having to log into it through a separate terminal.



Feature	Description
	Displays the front panel bezel interface, which can be used to display status information, perform basic configurations, restart the appliance, or boot the appliance in Safe Mode.
Control Buttons	Used to navigate the front panel bezel interface.

Note: Using the Front Bezel to configure any aspect of the SonicWALL NSA E7500 means the Setup Wizard will not automatically launch upon login. To manually launch the Setup Wizard, see If the SonicWALL Setup Wizard Does Not Appear, on page 24.

Front Bezel Controls

The front bezel uses four buttons arranged in an **Up**, **Down**, **Left**, and **Right** configuration for navigation. The **Up** and **Down** buttons are used to select options and move up and down lists. The **Right** button confirms choices and enters menus. The **Left** button cancels changes and returns to the previous menu. The **Left** button can also set the appliance to Screen-Saver Mode if press from the Main Menu.

Main Menu

Upon booting the LCD display will initially show the Main Menu. The menu is made up of four options:

- Status>
- Configure>
- Restart>
- Safe Mode>

Use the **Up** and **Down** button to select the option you wish to enter and click the **Right** button to enter it.

Status

This option allows you to view specific aspects of the appliance. Once selected, the LCD will display the Status List. This list is navigated using the **Up** and **Down** buttons.

- SonicWALL E7500
- Serial #:
- Firmware Version:
- Rom Vers:
- FireWall Name:
- Date:
- Time:
- Uptime:
- CPU (1s): CPU (10s):
- CPU (avg):
- Connections:
- Connections:
- X0 Zone:
 - X0 IP:
- X0 Subnet:
- X0 Tx:
- X0 Rx:
- X1 Zone:
- X1 Mode:
- X1 IP:
- X1 Subnet:
- X1 Gateway:
 X1 DNS1:
- X1 DNS1:
 X1 DNS2:
- X1 DNS2:
- X1 DNS3:
- X1 Tx:
- X1 Rx:

The **X1 DNS1-3** entries will only be displayed if they have been set from the Configure menu. If their value is still 0.0.0.0 (default value), they will not appear in the Status List.

Configure

This option allows you to configure specific aspect of the appliance. Once selected, the LCD will display a PIN request.



Note: Default PIN is 76642. PIN number can be changed from the **System > Administration** page.

All numbers are inputted using the 4 buttons. Select the individual digit field using the **Left** and **Right** button and select the desired number using the **Up** and **Down** Button. Digits increase incrementally from 0 to 9. Press the **Right** button to confirm your PIN and enter the Configuration Menu.

The appliance will remember the PIN number and allow the user to navigate in and out of the Configuration Menu. However, once the appliance enters Screen-Saver Mode, whether from the sixty second time out or from pressing the **Left** button from the Main Menu, the PIN number will be forgotten and will have to be inputted again to access the Configuration Menu.

Configuration Options

Configurable options include:

- X0 IP>
- X0 Subnet>
- X1 Mode>
- X1 IP>
- X1 Subnet>
- X1 Gateway>
- X1 DNS1>
- X1 DNS2>
- X1 DNS3>
- Set Defaults>

The X1 Mode can be set to Static (default) or to DHCP.

The **Set Defaults** option will reset the appliance to default factory settings. If selected it will prompt for confirmation twice before restoring defaults.

If an option is selected but not modified, the appliance display a message stating that no changes were made and will return the user to the edit value screen. If a change was made, it will prompt the user for confirmation before effecting the change.

Restart

This option allows you to safely restart without resorting to power cycling the appliance. Once selected, the LCD will display a confirmation prompt. Select **Y** for Yes and press the **Right** button to confirm. The appliance will reboot.

Safe Mode

This option will set the appliance to safe mode. Once selected, the LCD will display a confirmation prompt. Select **Y** for Yes and press the **Right** button to confirm. The appliance will change to safe mode.



Note: While in safe mode, the Front Bezel interface relinquishes control to the safe mode process.

Screen-Saver

If no button is pressed for over sixty seconds, or if the **Left** button is pressed from the Main Menu, the appliance will enter Screen-Saver Mode. In this mode, the Status List will cycle, every entry being displayed for a few seconds.

If the **Up** or **Down** button is pressed while in Screen-Saver mode, the appliance will display adjacent status entry.

To exit Screen-Saver mode, press the Right button.

Connecting for Initial Setup 2

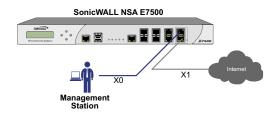
In this Section:

This section provides initial configuration instructions for connecting your sonicWALL NSA E7500.

- Connecting the WAN Port to the Internet, on page 18
- Connecting the LAN Port to Your Management Station, on page 18
- Applying Power to the SonicWALL NSA E7500, on page 19

Connecting the WAN Port to the Internet

- Connect one end of an Ethernet cable to your Internet connection, such as a DSL modem, cable modem, or router.
- Connect the other end of the cable to the X1 (WAN) port on your SonicWALL NSA E7500.



Connecting the LAN Port to Your Management Station

- Connect one end of the provided red Crossover cable to the computer you are using to manage the SonicWALL NSA E7500.
- Connect the other end of the cable to the X0 port on your SonicWALL NSA E7500.

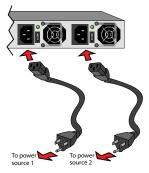
The Link LED above the **X0** (**LAN**) port will light up in green, amber, or yellow link throughput speed, indicating an active connection.

Note: The Link LED is color-coded to indicate connection speed:

- Amber indicates 1 Gbps
- Green indicates 100 Mbps
- Unlit while the right (activity) LED is illuminated indicates 10 Mbps

Applying Power to the SonicWALL NSA E7500

 Plug both of the power cords into an appropriate power outlet. The SonicWALL NSA E7500 includes two power supplies for redundant AC power and added reliability.



Turn on both power switches on the rear of the appliance next to the power cords.



Note: The SonicWALL NSA E7500 uses a variable-speed cooling fan that adjusts its speed based on the temperature of the appliance.

The Power LEDs on the front panel lights up green when you plug in the SonicWALL NSA E7500. The Alarm LED might light up and the Test LED will light up and may blink while the appliance performs a series of diagnostic tests. When the Power LEDs are lit and the Test LED is no longer lit, the SonicWALL NSA E7500 is ready for configuration (this typically occurs within 90 seconds of applying power).

If the Test or Alarm LEDs remain lit after the SonicWALL NSA E7500 has booted, restart the SonicWALL NSA E7500.



Alert: To disconnect power, remove both power cords from the unit.

In this Section:

This section provides instructions to login and configure your SonicWALL NSA E7500 using the SonicWALL Setup Wizard.

- Accessing the Management Interface, on page 22
- If the SonicWALL Setup Wizard Does Not Appear, on page 24
- Testing Your Connection, on page 26



Tip: Before completing this section, fill out the information in Obtain Configuration Information, on page 6 and Obtain Internet Service Provider (ISP) Information, on page 7. You will need to enter this information during the **Setup Wizard**.

Accessing the Management Interface

The computer you use to manage the SonicWALL NSA E7500 must be set up to accept a dynamic IP address, or have an unused IP address on the 192.168.168.x/24 subnet, such as 192.168.168.20. For instructions on configuring your IP address, see *Appendix A: Configuring DHCP IP Addressing*, on page 31.

To access the SonicOS Enhanced Web-based management interface:

Start your Web browser.



Note: Disable pop-up blocking software or add the management IP address http://192.168.168.168 to your pop-up blockers allow list.

- Enter http://192.168.168.168 (the default LAN management IP address) in the Location or Address field.
- The SonicWALL Setup Wizard launches and guides you through the configuration and setup of your SonicWALL NSA E7500.

The **Setup Wizard** displays upon initial loading of the SonicWALL NSA E7500 management interface.

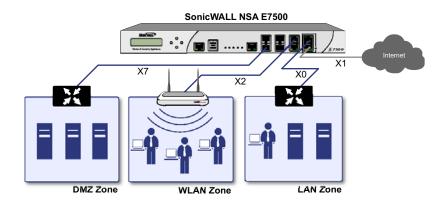
- 4. Follow the on-screen prompts to complete the Setup Wizard. The wizard may ask you for the information you recorded in prior sections:
 - Obtain Configuration Information, on page 6
 - Obtain Internet Service Provider (ISP) Information, on page 7 Refer to these sections to complete the wizard.
- Depending on the changes made during your setup configuration, the SonicWALL may restart.

If the SonicWALL Setup Wizard Does Not Appear

If you cannot connect to the SonicWALL NSA E7500 or the **Setup Wizard** does not display, verify the following configurations:

- Did you correctly enter the SonicWALL NSA E7500 management IP address in your Web browser?
- Are the Local Area Connection settings on your computer set to use DHCP or set to a static IP address on the 192.168.168.x/24 subnet?
 For instructions on changing your Local Area Connection settings, see Appendix A: Configuring DHCP IP Addressing, on page 31.
- Do you have the Ethernet cable connected to your computer and to the X0 (LAN) port on your SonicWALL NSA E7500?
- Is the connector clip on your network cable properly seated in the port of the security appliance?
- Some browsers may not launch the Setup Wizard automatically. In this case:
 - Log into SonicWALL NSA E7500 using "admin" as the user name and "password" as the password.
 - Click the **Wizards** button on the **System > Status** page.
 - Select Setup Wizard and click next to launch the Setup Wizard.
- Some pop-up blockers may prevent the launch of the Setup Wizard. You can temporarily disable your pop-up blocker, or add the management IP address of your SonicWALL (192.168.168.168 by default) to your pop-up blocker's allow list.

Connecting The SonicWALL NSA E7500 to your Network



The SonicWALL NSA E7500 can act as a local DHCP server. It will only attempt to do so if it does not detect existing DHCP servers to avoid disruptions. The ports can be configured to accept various zones. In the above example, the zones are:

X1: WANX0: LANX2: WLANX7: DMZ

Refer to the Administrator's Guide for advanced configuration deployments.

Testing Your Connection

- After you exit the Setup Wizard, the login page reappears. Log back into the Management Interface and verify your IP and WAN connection.
- Open another Web browser and navigate to: http://www.sonicwall.com.
 If you can view the SonicWALL home page, you have configured your SonicWALL NSA E7500 correctly.
- 3. If you cannot view the SonicWALL home page, renew your management station DHCP address.
- 4. If you still cannot view a Web page, try one of these solutions:

Restart your Management Station

Your management station may need to restart to accept new network settings from the DHCP server in the SonicWALL security appliance.

Restart your Internet Router

Your Internet router may need to restart to communicate with the DHCP Client in the SonicWALL security appliance.

For additional troubleshooting, see *Appendix B: Troubleshooting Internet Connectivity*, on page 32.

In this Section:

This section provides instructions for registering your SonicWALL NSA E7500.

- Before You Register, on page 28
- Registering Your SonicWALL NSA E7500, on page 29

Once you have established your Internet connection, it is recommended you register your SonicWALL security appliance at mySonicWALL.com. Registering your SonicWALL security appliance provides the following benefits:

- Activate 30-day FREE trials of SonicWALL security services
- Access SonicOS firmware updates
- Get SonicWALL technical support

Before You Register

Make sure the DNS and Time settings on your SonicWALL NSA E7500 are correct when you register the device. Configure Time settings in the **System > Time** page. Configure DNS settings in the **Edit Interface** window from the **Network > Interfaces** page.

You need a Mysonicwall.com account to register the SonicWALL NSA E7500. You can create a new Mysonicwall.com account directly from the SonicWALL management interface.

If you already have a Mysonicwall.com account, go to Registering Your SonicWALL NSA E7500, on page 29 to register your appliance.



Note: Mysonicwall.com registration information is not sold or shared with any other company.

Registering Your SonicWALL NSA E7500

- If you are not logged into the SonicWALL NSA E7500 management interface, log in with the username admin and the administrative password you set in the Setup Wizard.
- 2. If the **System > Status** page is not displaying in the management interface, click **System** in the left-navigation menu, and then click **Status**.
- On the System > Status page, in the Security Services section, click the Register link. The Mysonicwall.com Login page is displayed.
- Enter your Mysonicwall.com account username and password in the User Name and Password fields, then click Submit.
- The next several pages inform you about the free trials available to you for SonicWALL's Security Services:
 - Intrusion Prevention Service protects your network with signatures for more than 1800 Trojan, worm and application layer attacks
 - Gateway Anti-Virus protects all hosts behind your SonicWALL from viruses using deep packet inspection to detect and prevent viruses before they can reach hosts on your network
 - Anti-Spyware protects computers on your network from spy-ware
 - Network Anti-Virus protects hosts on your network from viruses by enforcing the use client-based Anti Virus software
 - Premium Content Filtering Service protects your network and enhances productivity by limiting access to offensive web sites

Click Continue on each page.

- At the top of the **Product Survey** page, Enter a "friendly name" for your SonicWALL content security appliance in the **Friendly Name** field. The friendly name allows you to easily identify your SonicWALL content security appliance in your Mysonicwall.com account.
- Please complete the Product Survey. SonicWALL uses this information to further tailor services to fit your needs. Click Submit.
- When the Mysonicwall.com server has finished processing your registration, you will see a page informing you that your SonicWALL NSA E7500 appliance is registered. Click Continue, and the System > Licenses page is displayed showing you all your activated services.

Congratulations

Your SonicWALL NSA E7500 is now fully operational.

Appendix A: Configuring DHCP IP Addressing

Complete the following section based on your operating system in order to configure your management computer to obtain an IP address automatically (using DHCP addressing):

Windows Vista

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

Appendix B: Troubleshooting Internet Connectivity

Refer to this section for help in connecting to the Internet.

- Did you open a new browser window to launch the Web site? Try closing out all browser windows and launching the browser again.
- Is your computer set to accept DHCP addressing or, if using static IP addressing, is your IP address set to a range within the SonicWALL's LAN subnet?
- Has your IP address renewed from the setting changes? Manually refresh them
 or reboot your computer. Refer to the Renewing your IP address section for
 additional information.
- Is your SonicWALL WAN port connected to your Internet source and showing (link/act, 10/100) activity?
- Verify that the network settings you recorded on page 6 of this guide are correct.
- Did you enter your network information from page 6 of this guide correctly in the Setup Wizard?

Renewing your IP Address

- 1. In the Windows interface, select **Start > Run**.
- 2. Enter "cmd" in the **Open** field and click the **OK** button.
- At the prompt, type the command "ipconfig /release" and press Enter on the keyboard.
- At the prompt, type the command "ipconfig /renew" and press Enter on the keyboard.

For further help troubleshooting Internet connectivity, please refer to the SonicOS Enhanced Administrator's Guide.

Appendix C: Safety Instructions and Regulatory Information

Regulatory Model/Type	Product Name
1RK11-04e	E7500

Rack Mounting the SonicWALL

The above SonicWALL appliances are designed to be mounted in a standard 19-inch rack mount cabinet. The following conditions are required for proper installation:

- Use the mounting hardware recommended by the rack manufacturer and ensure that the rack is adequate for the application.
- Four mounting screws, compatible with the rack design, must be used and hand tightened to ensure secure installation. Choose a mounting location where all four mounting holes line up with those of the mounting bars of the 19-inch rack mount cabinet.
- Mount in a location away from direct sunlight and sources of heat. A maximum ambient temperature of 104° F (40° C) is recommended.
- Route cables away from power lines, fluorescent lighting fixtures, and sources of noise such as radios, transmitters and broadband amplifiers.
- The included power cord is intended for use in North America only.
 For European Union (EU) customers, a power cord is not included.
- Ensure that no water or excessive moisture can enter the unit.
- Allow unrestricted airflow around the unit and through the vents on the side of the unit. A minimum of 1 inch (25.44mm) clearance is recommended.
- Mount the SonicWALL appliances evenly in the rack in order to prevent a hazardous condition caused by uneven mechanical loading.
- Consideration must be given to the connection of the equipment to the supply circuit and the effect of overloading the circuits has minimal impact on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings must be used when addressing this concern.
- Reliable grounding of rack-mounted equipment must be maintained. Particular attention must be given to power supply connections other than direct connections to the branch circuits such as power strips.

Lithium Battery Warning

The Lithium Battery used in the SonicWALL Internet security appliance may not be replaced by the user. The SonicWALL must be returned to a SonicWALL authorized service center for replacement with the same or equivalent type recommended by the manufacturer. If, for any reason, the battery or SonicWALL Internet security appliance must be disposed of, do so

manufacturer's instructions. Cable Connections

following the battery

All Ethernet and RS232 (Console) cables are designed for intra-building connection to other equipment. Do not connect these ports directly to communication wiring or other wiring that exits the building where the SonicWALL is located.

Weitere Hinweise zur Montage

Die oben genannten SonicWALL-Modelle sind für eine Montage in einem standardmäßigen 19-Zoll-Rack konzipiert. Für eine ordnunsgemäße Montage müssen die folgenden

- Vergewissern Sie sich, dass das Rack für die Anwendung geeignet ist, und verwenden Sie das vom Rack-Hersteller empfohlene Montagezubehör.
- Verwenden Sie für eine sichere Montage vier passende Befestigungsschrauben, und ziehen Sie diese mit der Hand an. Montieren Sie das Gerät so, dass sich die Anordnung der Montagelöcher mit den Löchern der Träger im 19-Zoll-Rack deckt.
- Wählen Sie für die Montage einen Ort, der keinem direkten Sonnenlicht ausgesetzt ist und sich nicht in der Nähe von Wärmequellen befindet. Die Umgebungstemperatur darf nicht mehr als 40 °C betragen.
- Führen Sie die Kabel nicht entlang von Stromleitungen, Leuchtstoffröhren und Störquellen wie Funksendern oder Breitbandverstärkern.
- Das eingeschlossene Netzkabel ist für Gebrauch in Nordamerikas nur vorgehabt. Für Europaïsche Union (EU) Kunden, ist ein Netzkabel nicht eingeschlossen.
- Stellen Sie sicher, dass das Gerät vor Wasser und hoher Luftfeuchtigkeit geschützt ist.
- Stellen Sie sicher, dass die Luft um das Gerät herum zirkulieren kann und die Lüftungsschlitze an der Seite des Gehäuses frei sind. Hier ist ein Belüftungsabstand von mindestens 26 mm einzuhalten
- Bringen Sie die SonicWALL gerade im Rack an, um mögliche Gefahren durch ungleiche mechanische Belastung zu vermeiden
- Prüfen Sie den Anschluss des Geräts an die Stromversorgung, damit der Überstromschutz sowie die elektrische Leitung nicht von einer eventuellen Überlastung der Stromversorgung beeinflusst werden. Prüfen Sie dabei sorgfältig die Angaben auf dem Aufkleber des Geräts.
- Vergewissern Sie sich, dass das Gerät sicher im Rack befestigt ist. Insbesondere muss auf nicht direkte Anschlüsse an Stromquellen geachtet werden wie z. B. bei Verwendung von Mehrfachsteckdosen.

Hinweis zur Lithiumbatterie

Die in der Internet Security

appliance von SonicWALL verwendete Lithiumbatterie darf nicht vom Benutzer ausgetauscht werden. Zum Austauschen der Batterie muss die SonicWALL in ein von SonicWALL autorisiertes Service-Center gebracht werden. Dort wird die Batterie durch denselben oder entsprechenden, vom Hersteller empfohlenen Batterietyp ersetzt. Beachten Sie bei einer Entsorgung der Batterie oder der SonicWALL Internet Security appliance die diesbezüglichen

Anweisungen des Herstellers. **Kabelverbindungen**

Alle Ethernet- und RS232-C-Kabel eignen sich für die Verbindung von Geräten in Innenräumen. Schließen Sie an die Anschlüsse der SonicWALL keine Kabel an, die aus dem Gehäude berausneführt

dem Gebäude herausgeführt werden, in dem sich das Gerät befindet.

FCC Part 15 Class A Notice

NOTE: This equipment was tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy. And if not installed and used in accordance with the instruction manual, the device may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user is required to correct the interference at his own expense.

Complies with EN 55022 Class A and CISPR22 Class A.

Caution: Modifying this equipment or using this equipment for purposes not shown in this manual without the written consent of SonicWALL, Inc. could void the user's authority to operate this equipment.

BMSI Statement

警告使用者:

這是甲類的資訊產品,在居住的環境中使用時, 可能會造成射頻干擾,在這種情況下,使用者會 被要求採取某些適當的對策。

VCCI Statement

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。 VCCI-A

Canadian Radio Frequency Emissions Statement

This Class A digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe A est conforme à toutes la norme NMB-003 du Canada.

CISPR 22 (EN 55022) Class A

Warning: This is a class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

Declaration of Conformity

Application of council Directive 89/336/EEC (EMC) and 72/23/EEC (LVD)
Standards to which conformity is declared EN 55022 (1998) +A2 Class A EN 55024 (1998) +A2 EN 61000-3-2 (2000) +A2 EN 61000-3-2 (2000) +A2 EN 61000-3-3 (1995) +A1 EN 60950-1 (2001) +A11

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Regulatory Information for Korea



Ministry of Information and Telecommunication Certification Number

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