



# Corporate Firewall

Quick Start Guide

## SmoothWall Corporate Firewall 2008, Quick Start Guide, Version 1, January 2008

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During their development, all SmoothWall products are subjected to exhaustive penetration testing. There are no insecurities in a standard SmoothWall system or SmoothWall add-on module.

All files that implement SmoothWall security policies are part of the system configuration and must only be altered using the recommended configuration procedures outlined in this documentation.

SmoothWall Ltd. disclaims all responsibility for any configuration and/or installation changes that may compromise network security.

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# Corporate Firewall Quick Start

Welcome to SmoothWall Corporate Firewall – a modular firewall designed to fulfill the network security needs of growing companies and corporate branch offices.

This guide describes the fastest way to install and configure Corporate Firewall. Full instructions can be found in the *Corporate Firewall Installation and Setup Guide*.

## Warning!

Do not install Corporate Firewall on your main or only computer.

Corporate Firewall's installation program ERASES ALL DATA on the hard disk or storage device it detects.

Before you start the installation, ensure that all valuable data is safely backed up.

SmoothWall cannot be held responsible for any loss of data.

## About this Guide

This guide assumes that:

- Corporate Firewall will only be installed in a test environment
- You have adequate network and TCP/IP knowledge
- The computer on which you install Corporate Firewall can be booted from its CD drive
- Your Internet service provider (ISP) does not require you to configure web proxy settings in order to access the Internet.

## Installing Corporate Firewall

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**Note:** Do not install Corporate Firewall on your main or only computer. Corporate Firewall's installation program ERASES ALL DATA from the computer's hard disk/storage volume. You must ensure that all valuable data is safely backed up. SmoothWall cannot be held responsible for any loss of data.

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To install Corporate Firewall:

- 1 Insert the Corporate Firewall installation CD into the CD drive and restart the computer. Press Enter to start the installation.
- 2 The screen that opens gives you the option to run Corporate Firewall's advanced installation program. Wait 5 seconds to access the quick install program.

If you press the space bar and start the advanced installation program, see the *Corporate Firewall Installation and Setup Guide* for full information.

- 3 On the Welcome screen, press Enter to continue.

- 4 If you have more than one hard disk/storage device, the installation program will ask if you want to enable software RAID 1 support. Select the option you want and press Enter to continue.
- 5 On the Proceed with installation screen, ensure that all valuable data is safely backed up before you continue. SmoothWall cannot be held responsible for any loss of data. Press Enter to continue. Corporate Firewall files are installed.
- 6 When complete, the Congratulations screen is displayed. Press Enter.
- 7 When asked if you want to restore an earlier configuration, select No and press Enter to start configuring Corporate Firewall.

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Note: If you select Yes here, you access migration and restore options for existing Corporate Firewall systems. For more information, see the *Corporate Firewall Installation and Setup Guide*.

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## Configuring Corporate Firewall

To configure Corporate Firewall:

- 1 After completing the installation program, the Keyboard mapping screen is displayed. Select your keyboard type, select Ok and press Enter to continue.
- 2 On the Hostname screen, specify a hostname for Corporate Firewall which can be used instead of using its IP address.  

We recommend that you only use lowercase characters. A hostname can contain hyphens ('-'). It cannot start with a number, contain spaces or underscores ('\_'). Select Ok and press Enter to continue.
- 3 Corporate Firewall automatically detects and lists the network interface cards (NICs) available. You must configure a NIC to connect Corporate Firewall to your internal network. Press Enter to continue. The Default interface screen is displayed.
- 4 Select a NIC, select Ok and press Enter to continue. When prompted, enter the following information:

Field	Enter
Name	A name that identifies the NIC.
Internal IP address	The IP address that this Corporate Firewall NIC will use on your internal network.
Network mask	The network mask used in conjunction with the internal IP address.
MTU	Accept the default maximum transmission unit (MTU), or enter the value required in your environment.

- 5 Select Ok and press Enter to continue.  

The Setup menu is displayed. Here you can choose to run the setup program to configure advanced Corporate Firewall settings or select to finish configuring settings. For information on advanced settings, see the *Corporate Firewall Installation and Setup Guide*.
- 6 Select Finished and press Enter to continue.

- 7 When prompted for an admin account password, enter the following information:

Field	Description
Password	Enter a strong password for Corporate Firewall's admin account. The admin account is used to access Corporate Firewall via its web interface.  Minimum = 6 characters Maximum = 255 characters
Again	Re-enter the password to confirm it.

- 8 Select Ok and press Enter to continue. When prompted for a root account password, enter the following information:

Field	Description
Password	Enter a strong password for Corporate Firewall's root account. The root account is used to access Corporate Firewall via the console.  Minimum = 6 characters Maximum = 255 characters
Again	Re-enter the password to confirm it.

- 9 Setup is complete. Press Enter to reboot the computer. You can now log on to your Corporate Firewall system, complete the registration process and connect to the Internet.

## Accessing Corporate Firewall

After rebooting, you are ready to log on and register. After that, you can start using Corporate Firewall to protect your network and users.

To access Corporate Firewall:

- 1 On a network-connected client, start a web browser and connect to the Corporate Firewall using HTTP by entering Corporate Firewall's address, for example: `http://CorporateFirewall_ip_address:81` The login page opens.
- 2 On the login page, enter the following information:

Field	Explanation
Username	Enter admin. This is the default account used to administer Corporate Firewall.
Password	Enter the password you specified when setting up Corporate Firewall.

- 3 Click Login. The Corporate Firewall about page opens. Enter the following information:

Field	Explanation
Serial no.	Enter your Corporate Firewall serial number.
Name	The name of your organization's contact person for your Corporate Firewall.
Organization	The name of your organization.
Department	The department in which your Corporate Firewall is located.
Locality or town	The town your organization is located in.
State	The state your organization is located in.

Field	Explanation
Country	The country your organization is located in.
Email	The email address of your organization's contact person for your Corporate Firewall.

- 4 Click **Save** and, when prompted, review the information you have supplied and click **Confirm**. Corporate Firewall's control page opens.  
The control page is Corporate Firewall default home page. It contains external connectivity controls and a number of reports. The next step is to connect Corporate Firewall to the Internet.
- 5 Browse to the **networking > interfaces > connectivity** page. Here you create a connectivity profile and connect Corporate Firewall to the Internet.
- 6 In the Profiles area, in the Profile name field, enter a name for the connectivity profile.
- 7 In the Global settings area, from the Method drop-down list, select the connection method that fits your ISP's specifications.
- 8 Click **Update** and, in the area below, enter the settings that apply to the connection method you have chosen.
- 9 Click **Save and Connect** to save the profile and connect computer to the Internet.  
You can now review Corporate Firewall functionality. For more information, see the *Corporate Firewall Administrator's Guide*.



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