



# Advanced Firewall

Quick Start Guide

## SmoothWall Advanced 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.

### Acknowledgements

SmoothWall acknowledges the work, effort and talent of the SmoothWall GPL development team: Lawrence Manning and Gordon Allan, William Anderson, Jan Erik Askildt, Daniel Barron, Emma Bickley, Imran Chaudhry, Alex Collins, Dan Cuthbert, Bob Dunlop, Moira Dunne, Nigel Fenton, Mathew Frank, Dan Goscomb, Pete Guyan, Nick Haddock, Alan Hourihane, Martin Houston, Steve Hughes, Eric S. Johansson, Stephen L. Jones, Toni Kuokkanen, Luc Laroche, Osmar Lioi, Richard Morrell, Piere-Yves Paulus, John Payne, Martin Pot, Stanford T. Prescott, Ralf Quint, Guy Reynolds, Kieran Reynolds, Paul Richards, Chris Ross, Scott Sanders, Emil Schweickerdt, Paul Tansom, Darren Taylor, Hilton Travis, Jez Tucker, Bill Ward, Rebecca Ward, Lucien Wells, Adam Wilkinson, Simon Wood, Nick Woodruffe, Marc Wormgoor.

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# Advanced Firewall Quick Start

Welcome to SmoothWall Advanced Firewall – the complete firewall and enterprise-class networking platform that combines power and flexibility with ease-of-use.

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

## Warning!

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

Advanced 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:

- Advanced Firewall will only be installed in a test environment
- You have adequate network and TCP/IP knowledge
- The computer on which you install Advanced 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 Advanced Firewall

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**Note:** Do not install Advanced Firewall on your main or only computer. Advanced 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 Advanced Firewall:

- 1 Insert the Advanced 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 Advanced 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 *Advanced 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. Advanced 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 Advanced Firewall.

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

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## Configuring Advanced Firewall

To configure Advanced 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 Advanced 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 Advanced Firewall automatically detects and lists the network interface cards (NICs) available. You must configure a NIC to connect Advanced 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, for example: Internal.
Internal IP address	The IP address that this Advanced Firewall NIC will use on your internal network, for example: 10.0.0.1
Network mask	The network mask used in conjunction with the internal IP address, for example: 255.255.255.0
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 Advanced Firewall settings or select to finish configuring settings. For information on advanced settings, see the *Advanced 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 Advanced Firewall's admin account. The admin account is used to access Advanced 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 Advanced Firewall's root account. The root account is used to access Advanced 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 Advanced Firewall system, complete the registration process and connect to the Internet.

## Accessing Advanced Firewall

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

To access Advanced Firewall:

- 1 On a network-connected client, start a web browser and connect to the Advanced Firewall using HTTP by entering Advanced Firewall's address, for example: `http://firewall_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 Advanced Firewall.
Password	Enter the password you specified when setting up Advanced Firewall.

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

Field	Explanation
Serial no.	Enter your Advanced Firewall serial number.
Name	The name of your organization's contact person for your Advanced Firewall.
Organization	The name of your organization.
Department	The department in which your Advanced 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 Advanced Firewall.

- 4 Click **Save** and, when prompted, review the information you have supplied and click **Confirm**. Advanced Firewall's control page opens.  
The control page is Advanced Firewall default home page. It contains external connectivity controls and a number of reports. The next step is to connect Advanced Firewall to the Internet.
- 5 Browse to the **networking > interfaces > connectivity** page. Here you create a connectivity profile and connect Advanced 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 Advanced Firewall functionality. For more information, see the *Advanced Firewall Administrator's Guide*.



