



Quick Start Guide



Cisco Small Business Pro SA 500 Series Security Appliances

Package Contents

- SA 500 Series Security Appliance
- Mounting Hardware
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1 Product Overview

Thank you for choosing a Cisco SA 500 Series Security Appliance, a member of the Small Business Pro Family. The SA 500 Series is a set of security appliances that provide business-grade security gateway solutions with firewall, site-to-site and remote access VPN support, and optional web and email security. The SA 520W model also includes 802.11n access point capabilities.

This guide describes the features of the security appliance, and helps you to install the device in a standard configuration. Your particular model may not have all of the features or functionality described in this guide. For more detailed information on the individual models, refer to the *SA 500 Series Security Appliances Administration Guide* on Cisco.com. See the documentation links in the “Where to Go From Here” section of this guide.

Front Panel



RESET Button—To reboot the security appliance, push and release the Reset button. To restore the factory default settings, press and hold the Reset button for 5 seconds.

DIAG LED—(Orange) When lit, indicates the appliance is performing the power-on diagnostics. When off, indicates the appliance has booted properly.

POWER LED—(Green) When lit, indicates the appliance is powered on.

DMZ LED—(Green) When lit, indicates the Optional port is configured as a separate LAN to host public servers.

SPEED LED—(Green or Orange) Indicates the traffic rate for the associated port. Off = 10 Mbps, Green = 100 Mbps, Orange = 1000 Mbps.

LINK/ACT LED—(Green) When lit, indicates a connection is being made through the port. When flashing, the port is active.

WLAN LED—(Green) When lit, indicates that wireless is enabled (SA 520W).

Back Panel



POWER Switch—Turns the security appliance on or off.

POWER Connector—Connects the security appliance to power using the supplied power cable.

LAN Ports—Connect PCs and other network appliances to the security appliance. The SA 520 and SA 520W have 4 LAN ports. The SA 540 has 8.

OPTIONAL Port—Can be configured to operate as a WAN, LAN, or DMZ port. A DMZ (Demilitarized Zone or Demarcation Zone) can be configured to allow public access to services such as web servers without exposing your LAN.

WAN Port—Connects the security appliance to DSL, a cable modem, or another WAN connectivity device.

USB Port—Connects the security appliance to a USB device. You can use a USB device to store configuration files for backup and restore operations.



NOTE The back panel of the SA 520W includes three threaded connectors for the antennas.

2 Installation Options

You can place your security appliance on a desktop, mount it on a wall, or mount it in a rack.

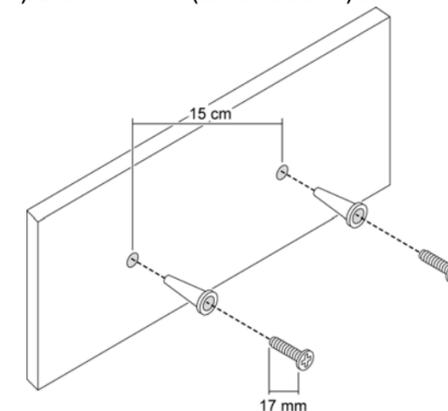
Placement Tips

- **Ambient Temperature**—To prevent the security appliance from overheating, do not operate it in an area that exceeds an ambient temperature of 104°F (40°C).
- **Air Flow**—Be sure that there is adequate air flow around the device.
- **Mechanical Loading**—Be sure that the security appliance is level and stable to avoid any hazardous conditions.

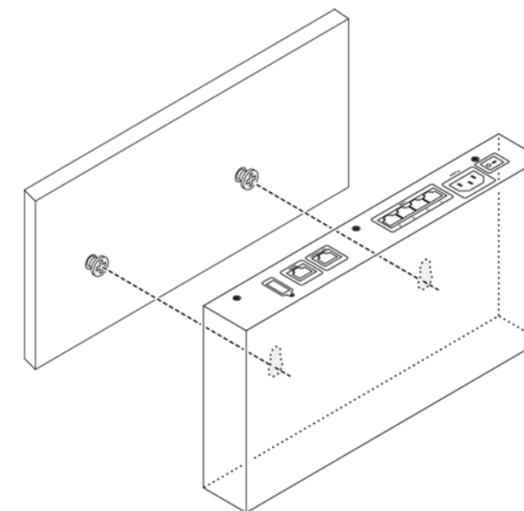
To place the security appliance on a desktop, install the four rubber feet (included) on the bottom of the security appliance. Place the device on a flat surface.

Wall Mounting

STEP 1 Insert two 17 mm screws, with anchors, into the wall 15 cm apart (about 5.9 inches). Leave 3-4 mm (about 1/8 inch) of the head exposed.



STEP 2 Position the unit so that the wall-mount slots are over the two screws. Slide the unit down until the screws fit snugly into the wall-mount slots.



Rack Mounting

You can mount the security appliance in any standard size, 19-inch (about 48 cm) wide rack. Each security appliance requires 1 rack unit (RU) of space, which is 1.75 inches (44.45 mm) high.



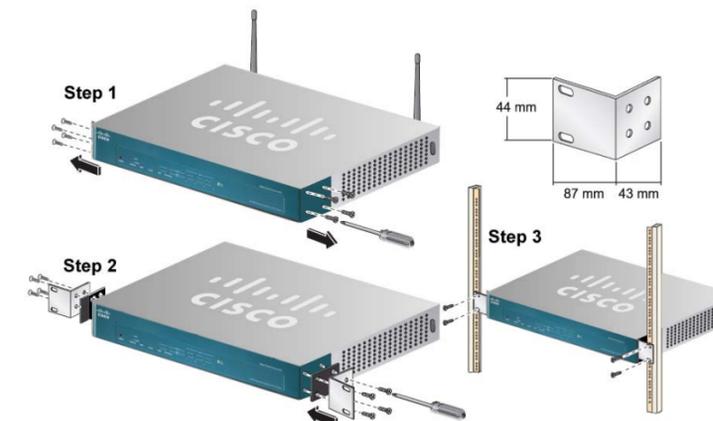
CAUTION Do not overload the power outlet or circuit when installing multiple devices in a rack.

STEP 1 Remove the four screws from each side of the security appliance.

STEP 2 Place one of the supplied spacers on the side of the security appliance so that the four holes align to the screw holes. Place a rack mount bracket next to the spacer and reinstall the screws.

If the screws are not long enough to reattach the bracket with the spacer, attach the bracket directly to the case without the spacer.

STEP 3 Install the security appliance into a standard rack as shown.



3 Installation

STEP 1 Connect the security appliance to power.

STEP 2 If you are installing the SA 520W, screw each antenna onto a threaded connector on the back panel. Orient each antenna to point upward.

STEP 3 For DSL, a cable modem, or other WAN connectivity devices, connect an Ethernet network cable from the device to the WAN port on the back panel. Cisco strongly recommends using Cat5E or better cable.

STEP 4 For network devices, connect an Ethernet network cable from the network device to one of the dedicated LAN ports on the back panel.

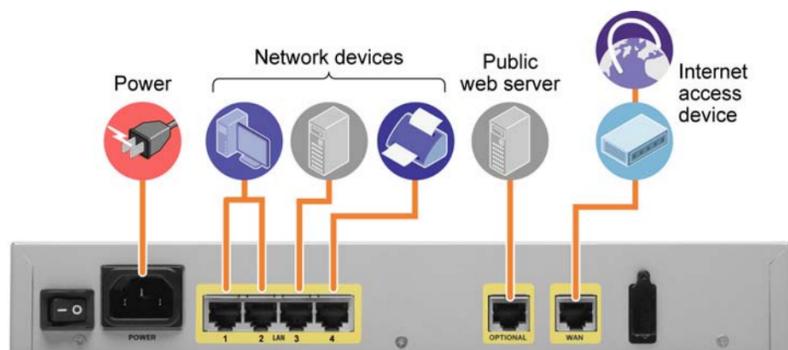
STEP 5 For a UC500, connect an Ethernet network cable from the WAN port of the UC500 to an available LAN port of the security appliance.

For details about configuring the UC500 and the security appliance to work together, see the *SA 500 Series Security Appliances Administration Guide* on Cisco.com. See the documentation links in the “Where to Go From Here” section of this guide.

STEP 6 Power on the security appliance.

STEP 7 Power on the connected devices. Each LED lights to show an active connection.

A sample configuration is illustrated below.



Congratulations! The installation of the security appliance is complete.

4 Launching the Configuration Utility

STEP 1 Connect your PC to an available LAN port on the back panel of the security appliance.

Your PC will become a DHCP client of the security appliance and will receive an IP address in the 192.168.75.x range.

STEP 2 Start a web browser. In the Address bar, enter the default IP address of the security appliance: **192.168.75.1**.

You can use Internet Explorer (version 6 and higher), Firefox, and Safari (for Mac).

STEP 3 When the Security Alert appears, accept or install the certificate:

- **Internet Explorer:** Click **Yes** to proceed, or click **View Certificate** for details. On the Certificate page, click **Install the Certificate**. Follow the instructions in the Wizard to complete the installation.
- **Firefox:** Click the link to add an exception. Click the **Add Exception** button. Click **Get Certificate**, and then click **Confirm Security Exception**.
- **Safari:** Click **Continue** to proceed, or click **Show Certificate**. On the Certificate page, click **Install the Certificate**. Follow the instructions in the Wizard to complete the installation.

STEP 4 When the login page appears, enter the user name and password.

The default user name is **cisco**. The default password is **cisco**. Passwords are case sensitive.

STEP 5 Click **Login**.

The **Getting Started** page of the Configuration Utility appears.



NOTE You also can launch the Configuration Utility from the Cisco Configuration Assistant (CCA) if a CCA-supported device is connected to your security appliance. For details, refer to your CCA documentation.

5 Getting Started with the Configuration

The security appliance is pre-configured with default settings that allow you to begin using the device right away. However, you may wish to adjust these settings or enable special features. The Configuration Utility includes a **Getting Started** page that makes it easy to complete the most common configuration tasks.

Typical tasks include:

- Configure the WAN and LAN connectivity.
- Upgrade the firmware.
- Change the default administrator password.
- Configure the security settings.
- Configure the VPN connections.
- Configure the wireless settings (SA 520W).

Click a link on the **Getting Started** page to choose a task that you want to perform. When the configuration page appears, enter the information, and then click **Apply** to save your settings. Click **Getting Started** in the menu bar to return to the **Getting Started** page.

To configure features that are not included on the **Getting Started** page, you can use the buttons on the menu bar and the links in the navigation tree.



NOTE For complete details about configuring your security appliance, refer to the *SA 500 Series Security Appliances Administration Guide* on Cisco.com. See the documentation links in the “Where to Go From Here” section of this guide.

6 Where to Go From Here

Resource	Location
Small Business Support Community	www.myciscocommunity.com/community/smallbizsupport
Administration Guide and Other Technical Documentation	www.cisco.com/go/sa500help
Customer Support	www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html
Warranty and End User License Agreement	www.cisco.com/go/warranty
Open Source License Notices	www.cisco.com/go/osln
Cisco Partner Central Site for Small Business	www.cisco.com/web/partners/sell/smb

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