

SSG20 Getting Started Guide

Important:

We are providing the following guide as a courtesy, but no longer support the documented product. The SSG20 firewall reached end of service in January 2020.

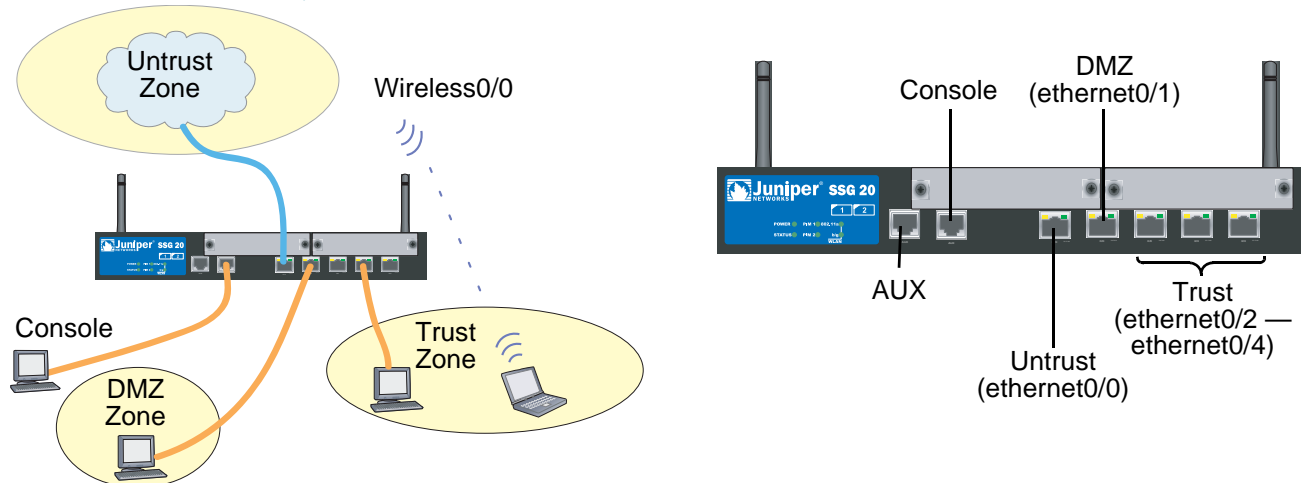
For information about a currently supported firewall that might better suit your needs, we recommend the [SRX300 Services Gateway](#).

Secure Services Gateway 20



Getting Started

Use the instructions in this guide to help you connect your Secure Services Gateway (SSG) 20 device to your network. For additional configuration information, see the *SSG 20 Hardware Installation and Configuration Guide*. (This guide uses the SSG 20-WLAN to illustrate basic network connectivity.)



CONNECTING THE DEVICE



Use the network diagram above and the instructions below to connect and set up the SSG 20 device to protect your network. Use the LEDs on the front panel of the device to help you determine its status.

Step 1

Connect the workstation to the device using either of the following methods:

- Connect an Ethernet cable from one of the Trusted ports labeled 0/2 — 0/4 to the Ethernet port on the workstation. (We recommend this connection method.)
- Connect an Ethernet cable from the console port to an RJ-45-to-DB-9 adapter which then connects to the serial port on the workstation. (RJ-45-to-DB-9 adapters can be purchased from Juniper Networks. Refer to the *SSG 20 Hardware Installation and Configuration Guide* for RJ-45-to-DB-9 adapter pin numbering information)

Step 2

Connect the device to a power source using the supplied power cable. (We recommend using a surge protector.) Confirm that the following LEDs are working correctly:



- Ensure that the POWER LED glows green. This indicates that the device is receiving power.
- After the device starts (about 2 minutes), ensure that the STATUS LED blinks green. This indicates that the device is operating normally.
- Ensure that the Link Activity LEDs glow green for the connected Ethernet ports. This indicates that the device has network connectivity.

Step 3

Configure the workstation to access the device through a browser:

- Ensure that the workstation is properly connected to the device using one of the methods presented in step 1.
 - Change the TCP/IP settings of the workstation to automatically obtain its IP address from the device using DHCP. For help, see the operating system documentation for the workstation.
- Note:** Ensure that your internal network does not already have a DHCP server.
- If necessary, restart the workstation to enable the changes to take effect.

You can use the Initial Configuration Wizard (ICW) to configure the SSG 20 device. Before starting the ICW, decide how you want to deploy your device. (For additional information, see the *SSG 20 Hardware Installation and Configuration Guide*.)



CONFIGURING THE DEVICE

Use the instructions below to start the Initial Configuration Wizard (ICW), which helps you to configure the device to protect your network.

Step 1

Launch a browser. In the URL address field, enter **http://192.168.1.1**. The Rapid Deployment Wizard window appears. (The default login admin name and password is **netscreen**.)

Note: You can access the ICW from Ethernet ports 0/2 — 0/4, which are bound to the Trust security zone.

Step 2

If your network uses Juniper Networks Network and Security Manager, you can use a Rapid Deployment configlet to automatically configure the device. Obtain a configlet from your NetScreen-Security Manager administrator, select the **Yes** option, select the **Load Configlet from:** option, browse to the file location, then click **Next**. The configlet sets up the device for you.

If you want to bypass the ICW and go directly to the WebUI, select the last option, then click **Next**.

If you are not using a configlet to configure the device and want to use the ICW, select the first option, then click **Next**. The Initial Configuration Wizard welcome screen appears. Click **Next**.

To configure your device with the WebUI or ICW, refer to the *SSG 20 Hardware Installation and Configuration Guide*.

By default the ethernet0/2 — ethernet0/4 interfaces are bound to the bridge group **bgroup0** and they all share the IP address **192.168.1.1/24**. You can connect the SSG 20 device to your trusted network with any of the ports bound to this bgroup. To change the interface bindings, refer to the *SSG 20 Hardware Installation and Configuration Guide*. The following table explains the default interface-to-zone bindings.

Label	Interface	Zone
Ethernet ports:		
0/0	ethernet0/0	Untrust
0/1	ethernet0/1	DMZ
0/2	bgroup0 (ethernet0/2)	Trust
0/3	bgroup0 (ethernet0/3)	Trust
0/4	bgroup0 (ethernet0/4)	Trust
AUX	serial0/0	Null
SSG 20-WLAN: (On WLAN version only)		
	wireless0/0 (default IP address is 192.168.2.1/24)	Untrust
	wireless0/1-0/3	Null