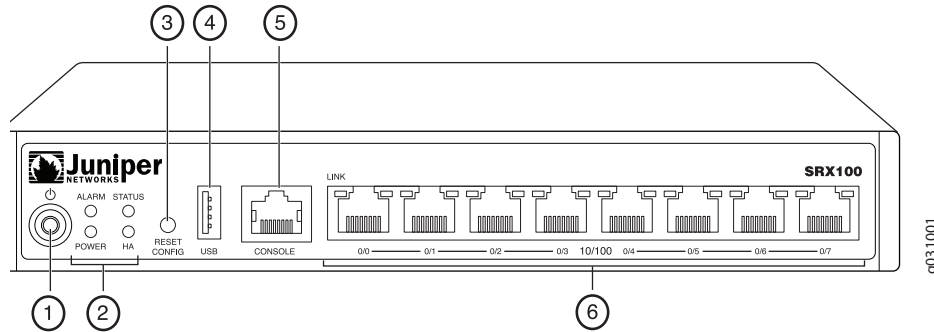


SRX100 Services Gateway Quick Start

Use the instructions in this quick start to help you connect the SRX100 Services Gateway to your network. For details, see the *SRX100 Services Gateway Hardware Guide* at <http://www.juniper.net/techpubs/a059.html>.

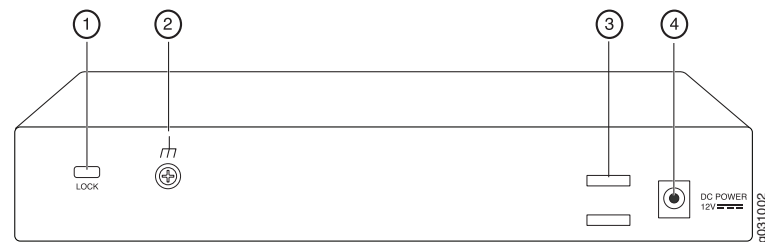
SRX100 Services Gateway Front Panel



g031001

Callout	Description	Callout	Description
1	Power button	4	USB port
2	LEDs (ALARM, POWER, STATUS, HA)	5	Console port
3	Reset Config button	6	Fast Ethernet ports

SRX100 Services Gateway Back Panel



g031002

Callout	Description
1	Lock slot for security cable
2	Grounding point
3	Cable tie holder
4	Power supply input

SRX100 Services Gateway Models

The following two models of SRX100 Services Gateways are available:

Device	DDR Memory
SRX100B	512 MB
SRX100H	1 GB

Connecting and Configuring the SRX Series Device

Use the instructions below to connect and set up the SRX100 Services Gateway to protect your network. Refer to the LEDs on the front of the device to help you determine the status of the device.

Task 1: Overview

The SRX100 Services Gateway is a security device that requires these basic configuration settings to function:

- Interfaces must be assigned IP addresses.
- Interfaces must be bound to zones.
- Policies must be configured between zones to permit or deny traffic.
- Source NAT rules must be set.

The device has the following default configuration set when you power it on for the first time. To be able to use the device, you do not need to perform any initial configuration.

Factory-Default Settings:

Port Label	Interface	Security Zones	DHCP State	IP Address
0/0	fe-0/0/0	untrust	client	unassigned
0/1 to 0/7	fe-0/0/1 to fe-0/0/7	trust	server	192.168.1.1/24

Factory-Default Settings for Security Policies:

Source Zone	Destination Zone	Policy Action
trust	untrust	permit
trust	trust	permit
untrust	trust	deny

Factory-Default Settings for NAT Rule:

Source Zone	Destination Zone	Policy Action
trust	untrust	source NAT to untrust zone interface



Task 2: Connect the Power Cable and a Power Source

Connect the power cable to the device and a power source. We recommend using a surge protector. Note the following indications:

- POWER LED (green): The device is receiving power.
- STATUS LED (green): The device is operating normally.
- ALARM LED (amber): The device is operating normally, and may glow amber as a rescue configuration has not been set. This is not a panic condition.

NOTE: After a rescue configuration has been set, an amber ALARM LED indicates a minor alarm, and a solid red ALARM LED indicates a major problem on the services gateway.

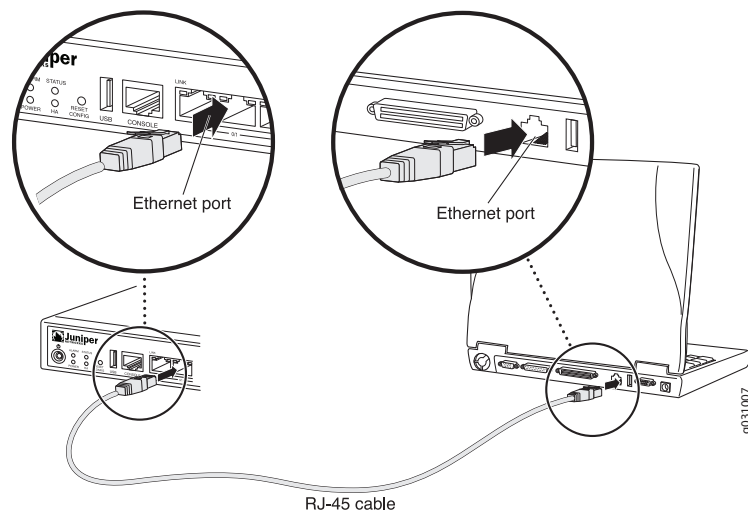
NOTE: You must allow the device between 5 and 7 minutes to boot up after you power it on. Wait until the STATUS LED is solid green before proceeding to the next task.

Task 3: Connect the Management Device

Connect the management device to the services gateway using either of the following methods:

- Connect an RJ-45 cable (Ethernet cable) from any one port between the ports labeled **0/1** and **0/7** (interfaces fe-0/0/1 through fe-0/0/7) on the front panel to the Ethernet port on the management device (workstation or laptop). We recommend this connection method. If you are using this method to connect, proceed with Task 4.
- Connect an RJ-45 cable (Ethernet cable) from the port labeled **CONSOLE** to the supplied DB-9 adapter, which then connects to the serial port on the management device. (Serial port settings: **9600 8-N-1**.) If you are using this method to connect, proceed with the CLI configuration instructions in the *Branch SRX Series Services Gateways Golden Configurations* at www.juniper.net/us/en/local/pdf/app-notes/3500153-en.pdf.

See the illustration below for details on connecting a management interface.



Task 4: Ensure That the Management Device Acquires an IP Address

After you connect the management device to the services gateway, the DHCP server process on the services gateway will assign an IP address automatically to the management device. Ensure that the management device acquires an IP address on the 192.168.1.0/24 subnetwork (other than 192.168.1.1) from the device.

NOTE: The services gateway functions as a DHCP server and will assign an IP address to the management device.

NOTE: If an IP address is not assigned to the management device, manually configure an IP address in the 192.168.1.0/24 subnetwork. Do not assign the 192.168.1.1 IP address to the management device, as this IP address is assigned to the services gateway. By default, the DHCP server is enabled on the L3 VLAN interface, (IRB) vlan.0 (interface fe-0/0/1 to fe-0/0/7), which is configured with an IP address of 192.168.1.1/24.

NOTE: When an SRX100 Services Gateway is powered on for the first time, it boots using the factory-default configuration.

Task 5: Ensure That an IP Address Is Assigned to the Services Gateway

Use one of the following methods to obtain an IP address on the services gateway:

■ Method 1: Obtaining a Dynamic IP Address on Your Services Gateway

Use the port labeled **0/0** (interface fe-0/0/0) to connect to your Internet Service Provider (ISP). Your ISP will assign an IP address using the DHCP process.

If you use this method, when you get to Task 7, skip steps 1 through 4.

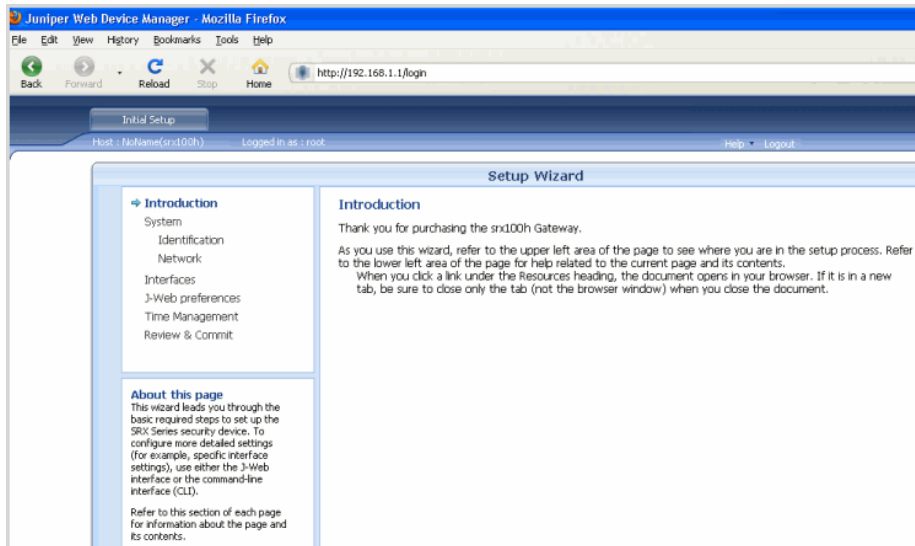
■ Method 2: Obtaining a Static IP Address on Your Services Gateway

Use the port labeled **0/0** (interface fe-0/0/0) to connect to your Internet Service Provider (ISP). Your ISP will have provided a static IP address. You will not receive an IP address using the DHCP process.

If you use this method, you must configure the static IP address on the services gateway as described in Task 7, steps 1 through 4.

Task 6: Access the J-Web Interface

1. Launch a Web browser from the management device.
2. Enter **http://192.168.1.1** in the URL address field.
3. Specify the default username as **root**. Do not enter any value in the Password field.
4. Click **Log In**. The J-Web Setup Wizard page appears.



Task 7: Configure the Basic Settings

Configure the basic settings, such as hostname, domain name, and root password, for your services gateway.

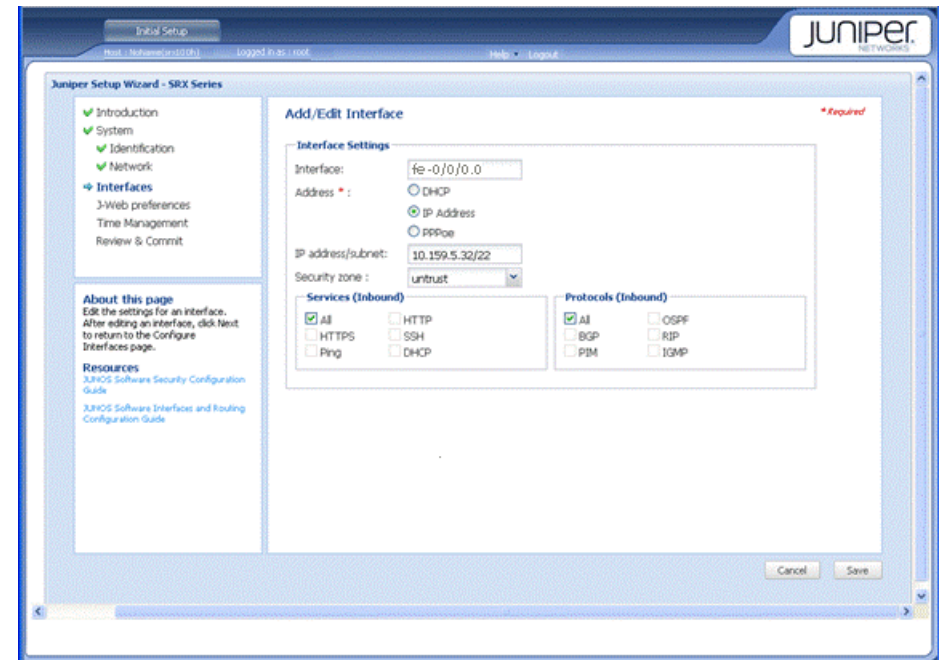
IMPORTANT: Ensure that you have configured the IP address, root authentication, and default gateway before you apply the configuration.

NOTE: All fields marked with an asterisk (*) are mandatory.

NOTE: All network and management access settings are optional.

If you used Method 2 in Task 5 to obtain an IP address on your services gateway, ensure that you make the following J-Web modifications:

1. On the Configure System: Network Settings page of the wizard, enter the IP address of the gateway in the Default Gateway field and server names in the DNS Name Servers list. Your ISP provides the IP address for the gateway and the server names.
2. On the Configure Interfaces page of the wizard, select the **fe-0/0/0.0** interface and click **Edit**.
3. On the Add/Edit interface page, next to Address, unselect **DHCP** and select **IP Address**.
4. In the IP Address/subnet field, enter the manual IP address provided by your ISP. The IP address must be entered in *a.b.c.d/xx* format, where *xx* is the subnet prefix.



NOTE: Make sure that you have selected the required services and protocols under **Services (Inbound)** and **Protocols (Inbound)**. Select **all** to permit all protocols and services.

NOTE: You can use the Configure J-Web Preferences page of the wizard to set the J-Web starting page options and J-Web commit options.

Task 8: Apply the Basic Configuration

On the last page (Review and Commit) of the wizard, review the basic configuration and click **Commit** to apply the configuration.

After you configure the basic settings, the J-Web Setup wizard redirects you to the J-Web pages where you can continue working in the J-Web interface.

After you complete initial setup configuration, the Setup wizard is no longer available. To make changes to the configuration, use the J-Web interface.

NOTE: To make any changes to the interface configuration, see the *Branch SRX Series Services Gateways Golden Configurations* at <http://www.juniper.net/us/en/local/pdf/app-notes/3500153-en.pdf>.

Task 9: Verify the Configuration

Access <http://www.juniper.net> to ensure that you are connected to the internet. This connectivity ensures that you can pass traffic through the services gateway.

NOTE: If the <http://www.juniper.net> page does not load, verify your configuration settings, and ensure that you have applied the configuration.

After you complete these steps, you can pass traffic from any trust port to the untrust port.

Powering Off the Device

You can power off the device in one of the following ways:

- Graceful shutdown—Press and immediately release the Power button. The device begins gracefully shutting down the operating system.
- Forced shutdown—Press the Power button and hold it for 10 seconds. The device immediately shuts down. Press the Power button again to power on the device.

You can reboot or halt the system in the J-Web interface by selecting **Maintain > Reboot**.

For additional configuration information, see the *Branch SRX Series Services Gateways Golden Configurations* at <http://www.juniper.net/us/en/local/pdf/app-notes/3500153-en.pdf>.

For detailed software configuration information, see the software documentation available at <http://www.juniper.net/techpubs/software/junos-srx/index.html>.

Contacting Juniper Networks

For technical support, see www.juniper.net/support/requesting-support.html.