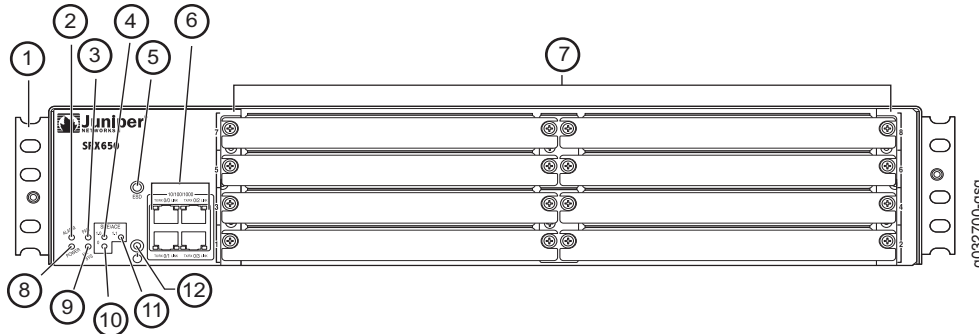


SRX650 Services Gateway



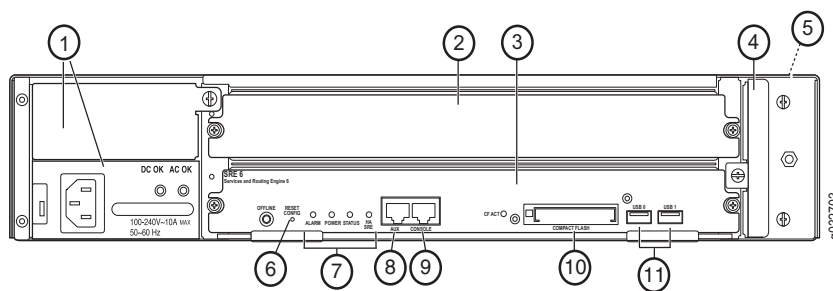
Use the instructions in this guide to help you connect the SRX650 Services Gateway to your network. For details, see the *SRX650 Services Gateway Hardware Guide* at <http://www.juniper.net/techpubs/a065.html>.

Front Panel



- | | | | |
|----------------------|-------------------------------|--------------------|---|
| 1. Mounting brackets | 4. SRE/ACE LED 1.0 | 7. GPIM/XPIM slots | 10. SRE/ACE LED 0 (Applies to SRE modules only) |
| 2. ALARM LED | 5. ESD outlet | 8. POWER LED | 11. SRE/ACE LED 1.1 |
| 3. FAN LED | 6. 10/100/1000 Ethernet ports | 9. HA SYS LED | 12. Power button |

Back Panel



- | | |
|---|--------------------------------|
| 1. Power supply slots | 6. Reset Config |
| 2. Multi-use processing slot | 7. SRE LEDs |
| 3. Services and Routing Engine (SRE) slot 0 (shown with SRE module installed) | 8. AUX port |
| 4. Fan tray | 9. Console port |
| 5. Air filter (behind fan tray) | 10. External CompactFlash slot |
| | 11. USB ports (2 each) |

PART 1 - CONNECTING AND CONFIGURING THE DEVICE

Use the instructions below to connect and set up the SRX650 Services Gateway to protect your network. Refer to the LEDs on the front and back panels of the device to help you determine the status of the device.

Overview:

The SRX650 Services Gateway is a security device that requires these basic configuration settings to function properly.

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

Factory-default settings:

Interface	Security Zone	DHCP State	IP Address
ge-0/0/0	untrust	client	0.0.0.0
ge-0/0/1	trust	server	192.168.1.1/24
ge-0/0/2	trust	server	192.168.2.1/24
ge-0/0/3	trust	server	192.168.3.1/24

Security policies:

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

NAT rule:

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

Step 1

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

- POWER LEDs (solid green) on front and back panels: The device is receiving power.
- STATUS LED (solid green) on back panel: The device is operating normally.
- ALARM LED (amber) on front panel: The device is operating normally in the absence of rescue configuration. This is not a panic condition.

Note: A solid red ALARM LED indicates a major problem exists on the services gateway.

Important: You must allow the services gateway between five and seven minutes to boot up after you have powered it on. Please wait until the STATUS LED is solid green before proceeding to the next step.

Step 2

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

- Connect an Ethernet cable from the **ge-0/0/1** port to the Ethernet port on the management device (workstation or laptop). We recommend this connection method. If you are using this method, proceed with Step 3.



- Connect an RJ-45 cable from the console port to the DB-9 adapter, which then connects to the serial port on the management device. (Serial port settings: **9600 8-N-1-N**)
If you are using this method to connect, proceed with the CLI configuration instructions available in the *Quickstart Guide for Branch SRX Series Services Gateways* at <http://www.juniper.net/us/en/local/pdf/app-notes/3500153-en.pdf>.

Step 3

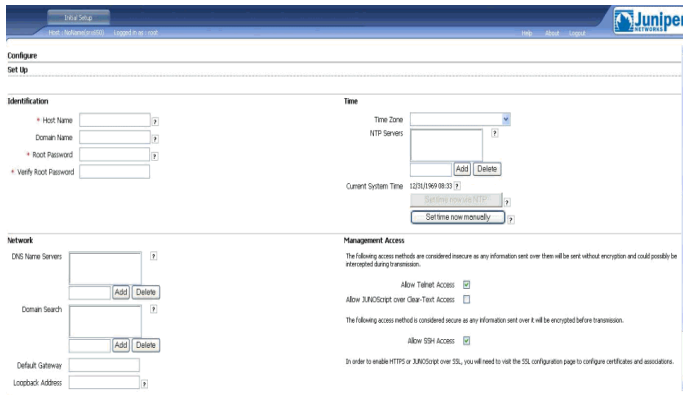
After connecting the management device to the services gateway, the DHCP server process on the services gateway will assign an IP address automatically to the management device.

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 while the management device is still connected to the **ge-0/0/1** port.

Step 4

Access the J-Web interface:

1. Launch a Web browser on 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 Initial Setup is displayed.



Step 5

1. Configure the basic settings, such as Host Name, Domain Name, Root Password, and IP Address, for your services gateway.
Important: Ensure that you have configured the IP address, root authentication, and default gateway before you apply the configuration.
2. Click **Apply** to apply the configuration.

Note: All network and management access settings are optional.

PART 2 - POWERING OFF THE DEVICE

To shut down the operating system on the Services and Routing Engine (SRE), perform a graceful shutdown by pressing and releasing the Power button. The device begins gracefully shutting down the operating system on the SRE.

To rescue the configuration or return the services gateway to its factory default configuration, press the Reset Config button.

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

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Step 6

Configure an interface as follows:

1. In the J-Web interface, click the Configuration tab at the top and click Interfaces on the side bar. The Interfaces page is displayed.

Interface Name	Link State	Configured	Description
ge-0/0/0	Down	No	Gigabit Ethernet Interface 'ge-0/0/0'
lsq-0/0/0	Up	No	Adaptive Services with link-services mode 'lsq-0/0/0'
ge-0/0/1	Up	Yes	Gigabit Ethernet Interface 'ge-0/0/1'
ge-0/0/1.0	Up	Yes	Logical Unit 0 on Gigabit Ethernet Interface 'ge-0/0/1'
ge-0/0/2	Down	No	Gigabit Ethernet Interface 'ge-0/0/2'
ge-0/0/3	Down	No	Gigabit Ethernet Interface 'ge-0/0/3'
xe-2/0/0	Down	No	10 Gigabit Ethernet Interface 'xe-2/0/0'
xe-2/0/1	Down	No	10 Gigabit Ethernet Interface 'xe-2/0/1'
xe-5/0/0	Down	No	10 Gigabit Ethernet Interface 'xe-5/0/0'
xe-5/0/1	Down	No	10 Gigabit Ethernet Interface 'xe-5/0/1'
fxp2	Up	No	Management Interface 'fxp2'
fxp2.0	Up	No	Logical Unit 0 on Management Interface 'fxp2'
lo0	Up	No	Loopback Interface 'lo0'
lo0.16384	Up	No	Logical Unit 16384 on Loopback Interface 'lo0'
pp0	Up	No	Point-to-Point Protocol over Ethernet Interface 'pp0'

Apply

2. Under the Interface Name column, click on the interface you want to configure.
3. Under **Logical Interfaces**, click **Add**.
4. Under **IPv4 Addresses and Prefixes**, click **Add**.
5. In the IPv4 Address and Prefix field, enter an IP address and a subnet mask.
6. Click **OK**. The configured IP address is included in the Address Prefix column.

For additional configuration information, see the *Quickstart Guide for Branch SRX Series Services Gateways* 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>.