

Quick Start

Cloud-Ready SRX Series Firewalls with Mist

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Step 1: Begin

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This guide walks you through the simple steps to get a new greenfield cloud-ready SRX Series firewall up and running in the Mist cloud. You can onboard one or more firewalls using your computer, or a single firewall using your mobile phone.



NOTE: Before you begin, you must set up your organization and sites, and activate your subscriptions. For more information, see [Quick Start: Mist](#).

We show you how to complete two different ZTP-based onboarding methods:

- To onboard a single firewall using your mobile phone, see ["Onboard One SRX Series Firewall Using the Mist AI Mobile App" on page 2](#).
- To onboard one or more firewalls using your computer, see ["Onboard One or More SRX Series Firewalls Using a Web Browser" on page 3](#).

Trying to do something else? Check out the content at the links provided here:

- Onboard an existing, in-service (brownfield) SRX Series firewall into Mist. See [Adopt a WAN Edge from Your Juniper Installed Base](#).
- Onboard an SRX4XX Series firewall into Mist. See [No Link Title](#).
- Not using Mist? Onboard an SRX Series firewall using the Junos OS CLI or J-Web. See the model-specific Hardware Guide on the [Juniper Mist Supported Hardware](#) page.
- Review the shipment packing list. See the model-specific Hardware Guide on the [Juniper Mist Supported Hardware](#) page.

Your SRX Series firewall is cloud-ready if it has a QR claim code on the front or back panel.



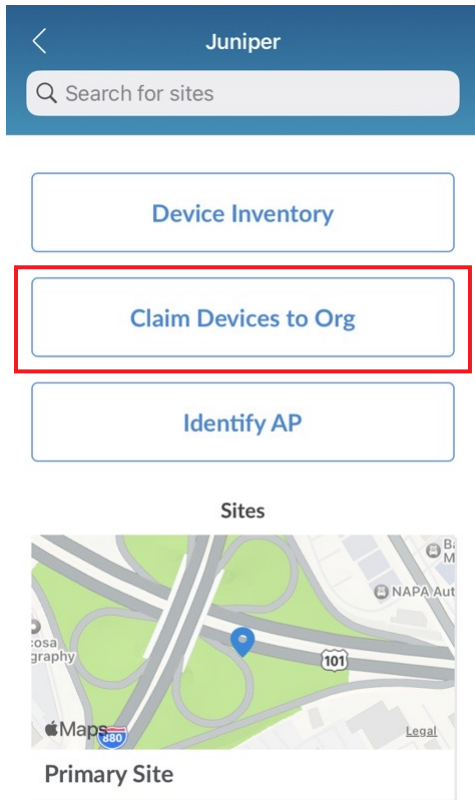
Onboard One SRX Series Firewall Using the Mist AI Mobile App



ATTENTION: To onboard an SRX4XX Series Firewall into Mist, you must follow the adoption process. See [No Link Title](#).

From your mobile phone:

1. Download and install the Mist AI app from the Google [Play Store](#) or Apple [App Store](#).
2. Open the Mist AI app and log in using your account credentials.
3. Select your organization.
4. Tap **Claim Devices to Org** and focus the camera on the QR code. The app automatically claims the SRX Series firewall and adds it into your organization's inventory.



5. On the Organization screen, tap **Device Inventory** → **WAN Edges** → **Unassigned**.
6. Select the new SRX firewall. Then tap **Primary Site** and tap **Assign**.

Onboard One or More SRX Series Firewalls Using a Web Browser

Onboarding multiple SRX Series firewalls—When you purchase multiple SRX Series firewalls, we provide you with an activation code along with your PO information. Make a note of this code.

Onboarding a single SRX Series firewall—Locate the QR code on your SRX Series firewall and jot down the alphanumeric claim code directly above it.

1. Log in to your account at <https://manage.mist.com/>.
2. Go to **Organization** → **Inventory** → **WAN Edges** and click **Claim WAN Edges**.
3. Enter the Activation code or Claim code.

Enter WAN Edge claim codes or Activation codes

Add

Site Assignment

☒ Assign claimed WAN Edges to site

Primary Site

Name Generation

☐ Generate names for WAN Edges, with format:

Format includes arbitrary text and any/none of these options

[site]	site name
[site.4]	last (1-9) characters of site name
[mac]	MAC address
[mac.3]	last (2-3) bytes of MAC address
[ctr]	incrementing counter
[ctr.3]	counter with (2-6) fixed digits

Manage Configuration

☒ Manage configuration with Mist

Root Password

Reveal

Existing gateway configuration will be overwritten with Mist configuration. Do not attempt to configure the gateway via CLI once it is managed by Mist. Root password will be configured by the site(under site settings) to which the gateway is assigned.

Claim
Cancel

- Confirm that **Assign claimed WAN Edges to site** is checked and **Primary Site** appears below the checkbox.
- Select **Manage configuration with Mist**.
- Enter a **Root Password**. This password becomes the root password on each claimed SRX Series firewall.
- Click **Claim**.
If you claim multiple firewalls, expect a slight delay for the WAN Edges Claim Results window to pop up.
Review the information and **Close** the window.
- View your new firewall or firewalls on the Inventory page. The status should show Disconnected.

Integrate Your Juniper Support Account with Juniper Mist

SUMMARY

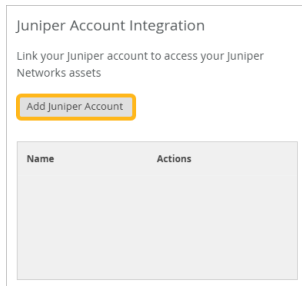
For full access to Juniper device data and to features such as bug reports and security alerts, integrate your Juniper support account with Juniper Mist™.

When you integrate your Juniper Account with your Juniper Mist™ organization, the Inventory page presents actionable intelligence about your Juniper devices. This information is powered by [Juniper Support Insights \(JSI\)](#). With these insights, you can transform your support experience from reactive to focused and proactive.

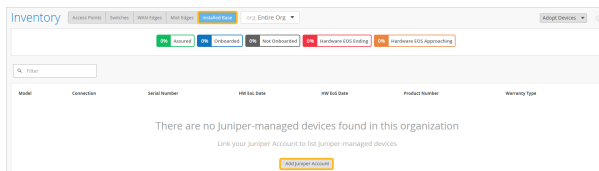
To integrate your Juniper support account with Juniper Mist:

1. Start from the Organization Settings page or the Installed Base page:

- **Organization Settings**—From the left menu, select **Organization > Admin > Settings**. Under **Juniper Account Integration**, click **Add Juniper Account**.



- **Installed Base**—From the left menu, select **Organization > Admin > Inventory**. At the top of the Inventory page, click the **Installed Base** button. Click **Add Juniper Account**.



2. In the pop-up window, enter the login credentials for your Juniper account, and then click **Add**.

On successful integration, the primary account name associated with your credentials is listed in the Linked Accounts section. The Linked Account section also lists other primary accounts that are currently linked to the organization.

If you no longer wish to view Juniper-maintained asset information for devices associated with an account in your organization, you can unlink the account.

To view the insights, go to **Organization > Admin > Inventory**, and then click **Installed Base** at the top of the page.

Step 2: Up and Running

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- [Connect to the Network and Power On the SRX Series Firewall | 6](#)

Install the SRX Series Firewall in a Rack

The rack installation and power-on procedures vary slightly for each SRX Series firewall. For instructions specific to your SRX Series firewall, see the applicable hardware guide on the [Juniper Mist Supported Hardware](#) page.

Connect to the Network and Power On the SRX Series Firewall



NOTE: Certain tasks in this procedure require you to configure or connect to services within your local network. Please be aware that we don't provide instructions on how to configure or locate these services.

1. Connect the 0/0 port (ge-0/0/0 interface) to the WAN network. The interface receives an IP address from the DHCP service provided by the ISP.
2. Open ports TCP 443 and TCP 2200 on your Internet firewall to allow outbound communication between the SRX and the Mist cloud. You also need to open port TCP 6514 to allow the SRX to send traffic logs to the Mist cloud.
3. Connect an Ethernet cable to any traffic (revenue) port on the SRX firewall and to your local network.
4. Connect power to the firewall.
5. Wait for a few minutes for the firewall to boot completely.

The SRX firewall should now appear as green/connected in the Mist portal. Congratulations! You've successfully onboarded your cloud-ready SRX Series firewall.

Step 3: Keep Going

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What's Next?

Use the Mist portal to configure and monitor your SRX firewall for your network. These tables provide links to additional information to help you get started.

If you want to	Then
Add a network	See Configure Networks for SRX Series Firewalls
Define applications and configure application policies	See Configure Applications for SRX Series Firewalls and Configure Application Policies on SRX Series Firewalls

(Continued)

If you want to	Then
Create a template	See Configure WAN Edge Templates for SRX Series Firewalls
Configure Sites	See Configure Sites and Variables for SRX Series Firewalls
View and manage your Mist subscriptions	See Subscriptions
Learn about adopting (brownfield onboarding) an SRX firewall	See Adopt a WAN Edge from Your Juniper Installed Base
Learn how to deploy WAN Assurance	See WAN Assurance Configuration Overview

General Information

If you want to	Then
See all documentation available for WAN Assurance	Visit WAN Assurance Documentation
Learn about Marvis	Visit Marvis Documentation
See all documentation available for Junos OS	Visit Junos OS Documentation
See product update information	Visit Product Updates

Learn with Videos

If you want to	Then
See how you can configure an SRX cluster	Watch the Configuring an SRX Cluster video
See a demonstration of how to deploy a branch site using templates	Watch the Design and Deploy a Branch Site Using Templates video

(Continued)

If you want to	Then
Get short and concise tips and instructions that provide quick answers, clarity, and insight into specific features and functions of Juniper technologies	See Learning with Videos on the Juniper Networks main YouTube page
View a list of the many free technical trainings we offer at Juniper	Visit the Getting Started page on the Juniper Learning Portal