JUNIPER NETWORKS® | **Engineering** Simplicity

Quick Start

Cloud-Ready SRX Series Firewalls with Mist

IN THIS GUIDE

Step 1: Begin

IN THIS SECTION

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.

> ℹ️ **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.

- 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

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.
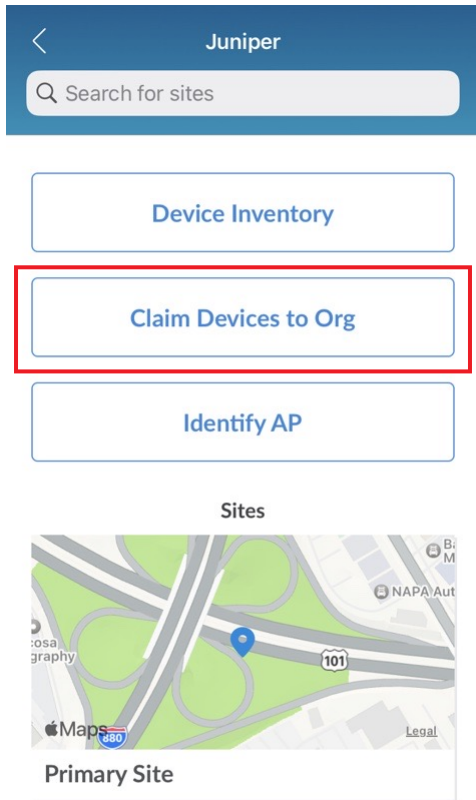
5. On the Organization screen, tap **Device Inventory → WAN Edges → Unassigned**.

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.

4. Confirm that **Assign claimed WAN Edges to site** is checked and **Primary Site** appears below the checkbox.

5. Select **Manage configuration with Mist**.

6. Enter a **Root Password**. This password becomes the root password on each claimed SRX Series firewall.

7. 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.

8. View your new firewall or firewalls on the Inventory page. The status should show Disconnected.

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. From the left menu, select **Organization** > **Admin** > **Settings**.

2. Under Juniper Account Integration, click **Add Juniper Account**.

Juniper Account Integration

Link your Juniper account to access your Juniper
Networks assets

Add Juniper Account

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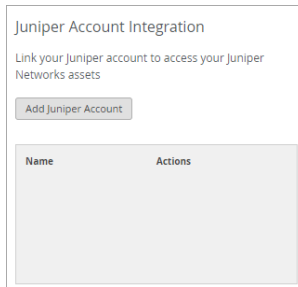
3. In the pop-up window, enter the login credentials for your Juniper account, and then click **Add**.

Juniper Mist validates the Juniper account and links it to your Juniper Mist organization. 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

IN THIS SECTION

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

> (i) **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

IN THIS SECTION

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
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
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