

# Quick Start

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## Juniper Security Director Cloud

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## Step 1: Begin

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In this guide, we provide a simple, three-step path, to quickly get you up and running with Juniper Security Director Cloud. You'll learn how to create a Juniper Security Director Cloud account, add devices and subscriptions to Juniper Security Director Cloud, and associate your devices with the subscriptions.

## Meet Juniper Security Director Cloud

Juniper Security Director Cloud is a cloud-based software as a solution (SaaS) portal that manages on-premises security, cloud-based security, and cloud-delivered security—all within one user interface.

Juniper Security Director Cloud transforms your network to a Secure Access Service Edge (SASE) architecture. It provides protection from attacks, regardless of the location. This reduces latency and ensures consistent security enforcement without having to back-haul traffic to a corporate location.

Juniper Security Director Cloud is easy to deploy and to configure. It features zero-touch provisioning, intuitive configuration wizards, and a customizable dashboard for 360° visibility into threat behaviors across the entire network. Unified policy management provides easy-to-use, consistent security policies that follow the user, device, and application. You no longer need to recreate policies from one platform to another.

**NOTE:** Currently, Juniper Security Director Cloud supports vSRX Virtual Firewall and SRX Series Firewalls. See Juniper Security Director Cloud Release Notes for more information on supported platforms.

## Let's Get Started

Here's an overview of the process to get Juniper Security Director Cloud up and running and begin using it to manage your devices.



## Create Your Juniper Security Director Cloud Account

Here's how to create your Juniper Security Director Cloud account and log in to the Juniper Security Director Cloud portal:

1. Open the URL to the [Juniper Security Director Cloud portal](#).
2. In the portal, click **Create an Organization Account**.

The Login Credentials page opens. Use this page to set the login credentials for your account.



## Login Credentials

Set your login credentials.

Email

Set password  

Next

This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply.

[← Go back to previous page](#)

3. Enter the following details and click **Next**.

- E-mail address—your preferred e-mail address.
- Password—a password of your choice.

The Contact Details page opens.

4. Enter your full name, company name, country, the phone number for your organization and click **Next**.

The Organization Account Details page opens.

5. Enter the following details of your organization:

- Type the name of your organization or the organization that will be using Juniper Security Director Cloud to manage devices.
- Select your home region.

6. Read the terms and conditions of use, and if you agree, click **Create Organization Account**.

You'll receive an e-mail to verify your e-mail address and to send a request to the Juniper Security Director Cloud team to activate your organization account.

7. Log in to your e-mail account, open the e-mail, and click **Activate Organization Account** to send a request to activate your organization account.

### NOTE:

- You must verify your e-mail address and click the **Activate Organization Account** button within 24 hours after receiving the e-mail. Otherwise, your account details will be deleted from Juniper Security Director Cloud, and you'll have to re-create your account and send the activation request.
- After verifying your e-mail and sending the account activation request, you'll receive an e-mail about your organization account activation status within 7 working days.

If your account activation request is approved, you'll receive an e-mail with log in page information.

8. Click **Go to Login Page** and enter your e-mail address and password to log in and start using the Juniper Security Director Cloud portal.



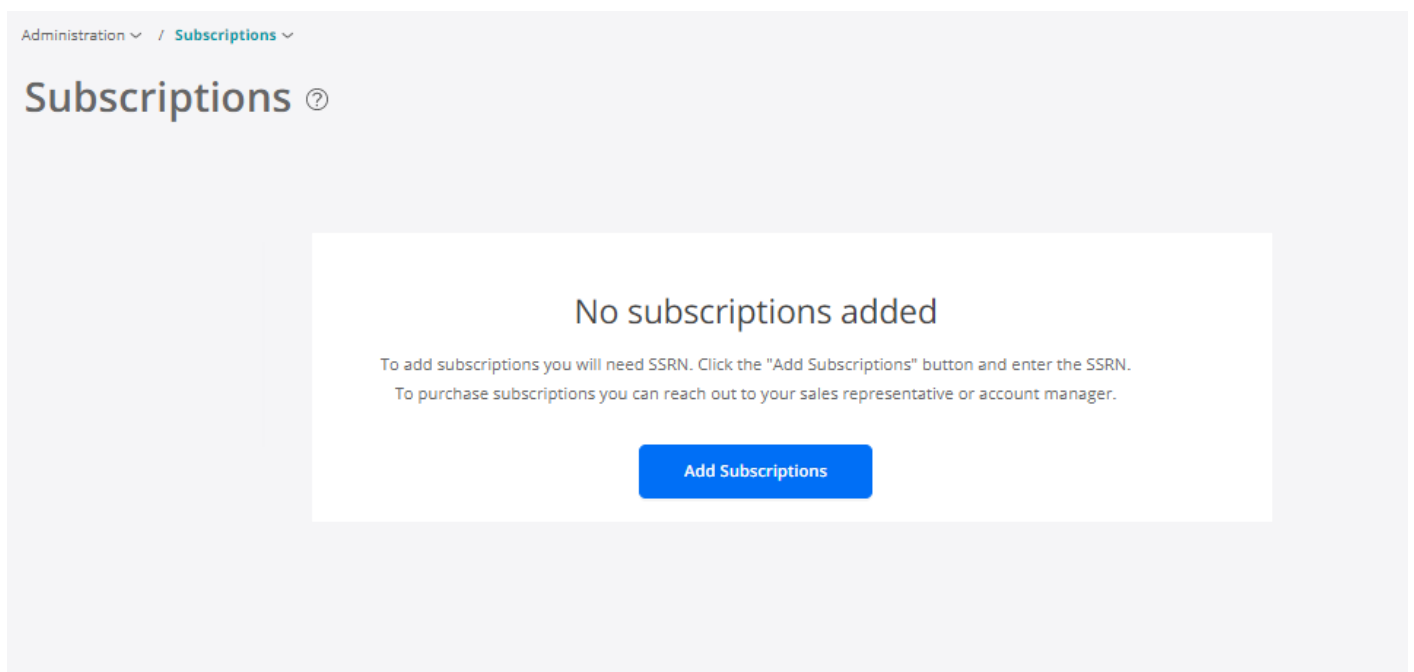
[Forgot your password?](#)

**Log In**

New to Security Director Cloud?  
[Create an organization account.](#)

## Add Your Subscription to Juniper Security Director Cloud

After you set up your Juniper Security Director Cloud account and log in for the first time, go to the Subscriptions page. Since you haven't added any subscriptions to the Juniper Security Director Cloud portal, you'll see the following screen:



If you've already purchased a Juniper Security Director Cloud subscription, you need to add it to the Security Director Cloud portal. You can also use the portal with a 30-day trial subscription which is available in the portal by default.

During the trial period, you can access the portal and manage up to five devices with standard security features. When the trial subscription ends, you'll still be able to access the portal for the next 30 days (grace period). After the grace period is over, your account will be inaccessible, and you must create a new account before adding a purchased subscription. To purchase a subscription, reach out to your Juniper Networks sales representative, account manager, or visit the Juniper Networks Sales site.

**NOTE:**

- You cannot purchase your subscription through the Juniper Security Director Cloud portal.
- You can purchase your subscription(s) while still in the trial period.

After you purchase a subscription, you'll receive an e-mail with the following information:

- URL to Juniper Security Director Cloud portal
- Software Support Reference Number (SSRN) to activate your subscription in the portal

Here's how to add your purchased subscription(s) to the Juniper Security Director Cloud portal:

**NOTE:** The trial license is available by default with the portal. You don't have to add it.

1. Log in to the Juniper Security Director Cloud portal.
2. Go to the **Administration > Subscriptions** page.  
The Subscriptions page opens.
3. Click **Add Subscriptions** to open the Add New Subscriptions page.
4. Enter the following information:

- Name—A descriptive name for the subscription.
- SSRN—The software support reference number of the subscription that you received in your e-mail.

If you've purchased multiple subscriptions, click **+** and enter the subscription details.

5. Click **OK**.

Juniper Security Director Cloud verifies the SSRN and activates the subscription(s). The Subscription page opens displaying the newly added subscriptions.

6. Review your subscription details to be sure everything is correct (activation state, expiration date, number of devices that you can subscribed to a subscription, and so on).

### Some Important Information About Subscriptions

- You'll receive a subscription renewal e-mail notification 90 days before a subscription expires. After that, you'll receive a renewal e-mail notification once every week until 30 days before the subscription expires.
- You'll receive a subscription renewal e-mail notification every day starting 30 days before the subscription expires.

You can now add devices to the Juniper Security Director Cloud portal. Choose **SRX >Device Management > Devices** and click **Add SRX Devices** in the Add Devices page. See Step 2: Up and Running for information about the various ways you can add devices to the portal and subscribe them to your subscriptions.

## Step 2: Up and Running

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- [Associate Devices with Your Juniper Security Director Cloud Subscription | 10](#)

In this section, you'll learn how to add devices to the Juniper Security Director Cloud portal and subscribe them to your subscriptions.

### Adding Devices

#### NOTE:

- Configure your device with the fully qualified domain name (FQDN) for your home region. See the following table for mapping details

**Table 1: Home Region to FQDN Mapping**

Region	Purpose	Port	FQDN
North Virginia	ZTP	443	jsec2-virginia.juniperclouds.net
	Outbound SSH	7804	srx.sdcloud.juniperclouds.net
	Syslog TLS	6514	srx.sdcloud.juniperclouds.net

Table 1: Home Region to FQDN Mapping (*Continued*)

Region	Purpose	Port	FQDN
Ohio	ZTP	443	jsec2-ohio.juniperclouds.net
	Outbound SSH	7804	srx.jsec2-ohio.juniperclouds.net
	Syslog TLS	6514	srx.jsec2-ohio.juniperclouds.net

- Enable port TCP/53 (DNS) - (IP: 8.8.8.8) to allow google DNS server.
- Enable port UDP/53 (DNS) - (IP: 8.8.4.4) to allow google DNS server.

There are multiple ways to add devices to the Security Director cloud portal. Choose the method that's right for you:

- **Add Devices Using Commands.** Juniper Security Director Cloud generates commands for adding a device or device cluster. You can copy the commands and paste them into the device console. When you commit the commands to the device, Juniper Security Director Cloud discovers and adds the device or device cluster to the cloud. See ["Add Devices Using Commands" on page 8](#) for details.
- **Add Devices With Zero Touch Provisioning.** With zero-touch provisioning (ZTP) you can configure and provision devices automatically. You can use ZTP to add devices for Junos OS Release 18.4R1 on SRX300, SRX320, SRX340, SRX345, SRX550 HM, SRX1500 SRX Series Firewalls and for Junos OS Release 20.1R1 on SRX380 Firewalls. See [Add Devices Using Zero Touch Provisioning](#) in the Juniper Security Director Cloud User Guide for details.
- **Add Devices Using J-Web.** This feature is supported from J-Web Release 21.3R1 and later. See [Add an SRX Series Firewall to Juniper Security Director Cloud](#) in the J-Web User Guide for SRX Series Firewalls for details.
- **Add Devices from Security Director.** This feature is supported from Security Director Release 21.3R1 and later. See [Add Devices to Security Director Cloud](#) in the Security Director User Guide for details.

## Add Devices Using Commands

Juniper Security Director Cloud generates commands for adding a device or device cluster. You can copy the commands and paste them into the device console. When you commit the commands to the device, Juniper Security Director Cloud discovers and adds the device or device cluster to the cloud.

1. In the Security Cloud Director portal, select **SRX > Device Management > Devices** to open the Devices page.
2. Click **Add Devices** to open the Add Devices page.



## Add Devices ?

[View Prerequisites](#)

**Adopt SRX Devices**  
 Copy commands generated by Security Director Cloud and paste to the SRX devices.

**Register SRX Devices for ZTP**  
 Register factory default SRX devices for Zero Touch Provisioning (ZTP).

## Type

- ☒ SRX Devices  
☐ SRX Clusters

Adopt SRX devices by copying commands generated by Security Director Cloud and pasting them to the SRX devices.

To adopt SRX devices do the following.

1. Enter the number of SRX devices you want to adopt and click OK.
2. Click the "Adopt Device" link on the landing page to copy the commands, paste and commit them to the SRX device.

Number of SRX devices to be adopted

Junos version supported: 18.4R3 and above

Note: You can also adopt devices from J-Web and Security Director.

- > Adopt devices from J-Web
- > Adopt devices from Security Director

[Cancel](#)**OK**

3. Click **Adopt SRX Devices**.
4. Juniper Security Director Cloud allows you to add individual devices or device clusters.
  - Select **SRX Devices** if you want to add individual devices.
  - Select **SRX Clusters** if you want to add device clusters.
5. Enter the number of devices or device clusters that you want to add to Juniper Security Director Cloud in the **Number of SRX devices to be adopted** field and click **OK**. You can add a maximum of 50 devices or device clusters at one time.

A message displays confirming that the new device or device cluster is added. The Devices page opens showing the device or device cluster you just added.

**NOTE:** At this point, Juniper Security Director Cloud has not yet completely added the device or device cluster. Therefore, the Connection Status displays as Discovery Not Initiated.

Device Management ▾ / Devices ▾

## Devices ②

[Add Devices](#)
[Manage Subscriptions](#)
[More ▾](#)

<input type="checkbox"/>	Host Name ▾	OS Version ▾	Platform ▾	Subscriptions	Connection Status	Configuration Status ▾
<input type="checkbox"/>	spaceqa-vsrx15	19.4R1.10	VSRX	--	Up	In Sync
<input type="checkbox"/>	spaceqa-vsrx16	19.4R1.10	VSRX	product-1 +1	Up	In Sync
<input type="checkbox"/>	Not Configured	--	--	--	Discovery Not Initiated   <a href="#">Adopt Device</a>	Unknown
<input type="checkbox"/>	> Not Configured	--	--	--	Discovery Not Initiated   <a href="#">Adopt Cluster</a>	Unknown
<input type="checkbox"/>	> vSRX-99.28	20.2R1.10	VSRX	--	Discovery Failed	Unknown
<input type="checkbox"/>	> SRX4200-SDQA-5	20.4R2.7	SRX4200	--	Up	In Sync

6 items

- On the Devices page, in the **Connection Status** column for the new device, click the **Adopt Device** link. If you are adding a device cluster, click the **Adopt Cluster** link.

The Adopt Devices page opens with the commands you need to commit to the device.

- Copy the commands and paste them to your device console edit prompt and press **Enter** to run the commands. If you want to add a device cluster, paste these commands to the CLI of the primary device of the cluster.
- Type **Commit** and press **Enter** to commit the changes to the device.

When you commit the commands to the device, Juniper Security Director Cloud begins to discover the devices. Refresh the Devices page to view the device discovery progress in the Connection Status column.

You can view the status of this process, by going to the **Administration > Jobs** page.

Once Juniper Security Director Cloud discovers and adds a device or device cluster, the Connection Status changes to Up. If the process fails, the Connection Status changes to Discovery failed. Hover your mouse over the Discovery failed message to see the reason for failure.

Now that you've added your device(s) to Juniper Security Director Cloud, you're ready to subscribe your device(s) to your Security Director Cloud subscription (or multiple subscriptions).

## Associate Devices with Your Juniper Security Director Cloud Subscription

You'll need to associate each device with your Juniper Security Director Cloud subscription (or multiple subscriptions). Here's how:

- Log in to Juniper Security Director Cloud.
- Select **SRX > Device Management > Devices** to open the Devices page.  
For devices that don't have subscriptions, the Subscriptions column displays **No subscription**.
- Select the device(s) and click **Manage Subscriptions**. The Manage Subscriptions page opens.
- Choose the subscription for the devices.

**NOTE:**

- If you're using a trial subscription, then select **Trial** from the list.
- After associating a device subscription with a device, you can't remove or transfer the device subscription to another device.

## MANAGE SUBSCRIPTIONS ?



Number of devices selected 1

### Subscriptions

Select a subscription below. You can also add new subscriptions by clicking [Add Subscriptions](#)

Subscription

10Devices (S-SD-1-C-3)

10Devices (S-SD-1-C-3)

Usage 1 of 10 devices

Expiry 11 December 2024

Cancel

OK

### 5. Click **OK**.

The device is associated with the subscription. You can see the details of the subscription on the Devices page.

## Step 3: Keep Going

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Congratulations! You've added your devices to Juniper Security Director Cloud and associated them with your subscriptions. Let's start using Juniper Security Director Cloud to manage your devices!

## What's Next?

Now that your devices are up and running in Juniper Security Director Cloud, here are some things you can do next.

If you want to	Then
Understand your Juniper Security Director Cloud dashboard	See <a href="#">About the Dashboard</a> in the Juniper Security Director Cloud user guide.
Set up a security policy	See <a href="#">About the Security Policy List Page</a> in the Juniper Security Director Cloud user guide.
Set up a IPS profile	See <a href="#">About the IPS Profiles Page</a> in the Juniper Security Director Cloud user guide.
Set up a content security profile	See <a href="#">About the Content Security Profiles Page</a> in the Juniper Security Director Cloud user guide.
Set up a NAT policy	See <a href="#">About the NAT Policy Page</a> in the Juniper Security Director Cloud user guide.
Set up IPsec VPN	See <a href="#">IPsec VPN Main Page Fields</a> and <a href="#">VPN Profiles Main Page Fields</a> in the Juniper Security Director Cloud user guide.

## General Information

Here's some general information about Juniper Security Director Cloud that you may find useful:

If you want to	Then
See all information about Security Director Cloud	Visit <a href="#">Security Director Cloud Documentation</a>
See all documentation available for Security Director	Visit <a href="#">Security Director Documentation</a>
See all documentation available for Junos OS	Visit <a href="#">Junos OS Documentation</a>
Configure advanced Security Director features	See the <a href="#">Security Director User Guide</a>
See, automate, and protect your network with Juniper Security	Visit the <a href="#">Security Design Center</a>
Stay up to date on new and changed features, known resolved, and resolved issues	See <a href="#">Juniper Security Director Cloud Release Notes</a>

## Learn With Videos

Our video library continues to grow! Here are some great video and training resources that will help you expand your knowledge of Juniper Network Products.

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 <a href="#">Learning with Juniper</a> on Juniper Networks main YouTube page.
View a list of the many free technical trainings we offer at Juniper.	Visit the <a href="#">Getting Started</a> page on the Juniper Learning Portal.