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# Juniper NETWORKS Security Director Cloud User Guide

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**Juniper NETWORKS Security Director Cloud**



**Product Information**

The Juniper Security Director Cloud is a cloud-based platform that allows users to manage their devices and subscriptions. It supports vSRX Virtual Firewall and SRX Series Firewalls. Please refer to the Juniper Security Director Cloud Release Notes for more information on supported platforms.

## Product Usage Instructions

1. **Step 1: Begin**
    1. Meet Juniper Security Director Cloud:
       Currently, Juniper Security Director Cloud supports vSRX Virtual Firewall and SRX Series Firewalls.
       Refer to the 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.
    2. Create Your Juniper Security Director Cloud Account:
       Open the URL to the Juniper Security Director Cloud portal.
       In the portal, click Create an Organization Account.
       The Login Credentials page opens. Use this page to set the login credentials for your account.
       Enter your full name, company name, country, phone number for your organization, and click Next. The Organization Account Details page opens.
       Read the terms and conditions of use, and if you agree, click Create Organization Account.
       You'll receive an email to verify your email address and send a request to activate your organization account.
       Log in to your email account, open the email, and click Activate Organization Account to send a request to activate your organization account.
       If your account activation request is approved, you'll receive an email with login page information.
       Click Go to Login Page and enter your email address and password to log in and start using the Juniper Security Director Cloud portal.
    3. 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.
       If you've already purchased a Juniper Security Director Cloud subscription, you need to add it to the Security Director Cloud portal.
       Log in to the Juniper Security Director Cloud portal.
       Go to the Administration > Subscriptions page.
       Click Add Subscriptions to open the Add New Subscriptions page.
       Enter the required information.
2. **Step 2: Up and Running**
   You can now add devices to the Juniper Security Director Cloud  portal. Choose SRX > Device Management > Devices and clickAdd SRX Devices on the Add Devices page. Refer to Step 2: Up and Running for information about the various ways you can add devices to the portal and subscribe them to your subscriptions.
3. **Step 3: Keep Going**
   Continue using the Juniper Security Director Cloud portal to manage your devices and subscriptions.

**Juniper Security Director Cloud**

**IN THIS GUIDE**

## Step 1: Begin

**IN THIS SECTION**

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.

**1** Create your Juniper Security Director Cloud Account

Create your organization account with Juniper Security Director Cloud and log in to the portal.

**2** Add your Subsriptions to Juniper Security Director Cloud

Add your purchased subscriptions to the Juniper Security Director Cloud portal.
You can also use the Juniper Security Director Cloud portal with the trial subscription available by default.
The trial subscription is valid for 30 days. After the trial subscription expires, you must purchase
a subscription and add it to the portal.

**3** Add your Devices to Juniper Security Director Cloud

Add devices using Zero Touch Provisioning (ZTP), Security Director, J-Web, or commands.

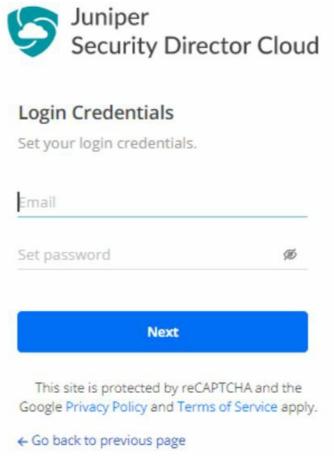**4** Associate Your Devices with Juniper Security Director Cloud Subscription

Associate your devices with trial or purchased subscription and start managing the devices
using Juniper Security Director Cloud.

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**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:
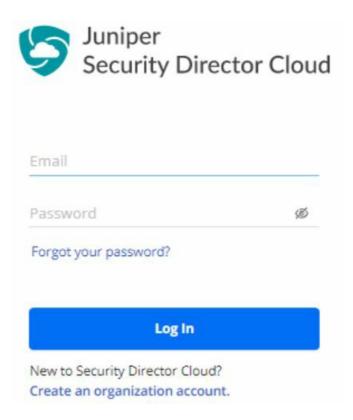
1. Open the URL to the Juniper Security Director Cloud portal.

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.
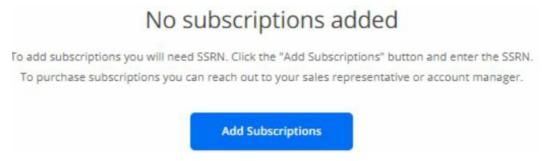
   **NOTE:**
   - You must verify your e-mail address and click the Activate Organization Account button within 24 hours after receiving the e-mail. Otherwise, your account details will be deleted from Juniper Security Director Cloud, and you'll have to re-create your account and send the activation request.
   - 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.

**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**

**IN THIS SECTION**

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 |

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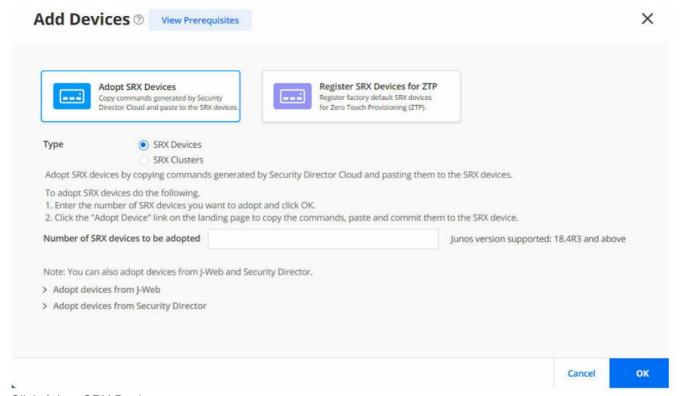- Enable port UDP/53 (DNS) – (IP: 8.8.4.4) to allow google DNS server.

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 the Security Director. This feature is supported by 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.



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.
6.

**Juniper NETWORKS Security Director Cloud** [pdf] User Guide
vSRX Virtual Firewall, SRX Series Firewalls, Security Director Cloud, Director Cloud, Cloud

## References

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- **Security Director Documentation | Juniper Networks**
- **Juniper Security Director Cloud Documentation | Juniper Networks**
- **Juniper Security Director Cloud Documentation | Juniper Networks**
- **Junos OS Documentation | Juniper Networks**
- **Security Design Center | Juniper Networks**
- **Add an SRX Series Firewall to Juniper Security Director Cloud | J-Web for SRX Series 21.3 | Juniper Networks**
- **About the SRX Policy Page | SD Cloud | Juniper Networks**
- **About the IPS Profiles Page | SD Cloud | Juniper Networks**
- **About the NAT Policies Page | SD Cloud | Juniper Networks**
- **About the Content Security Profiles Page | SD Cloud | Juniper Networks**
- **IPsec VPN Main Page Fields | SD Cloud | Juniper Networks**
- **VPN Profiles Main Page Fields | SD Cloud | Juniper Networks**
- **About the Dashboard | SD Cloud | Juniper Networks**
- **Add Devices to Juniper Security Director Cloud | SD Cloud | Juniper Networks**

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