Engineering
Simplicity

Quick Start

Cloud-Delivered Security with Juniper Secure Edge

IN THIS GUIDE

Step 1: Begin

IN THIS SECTION

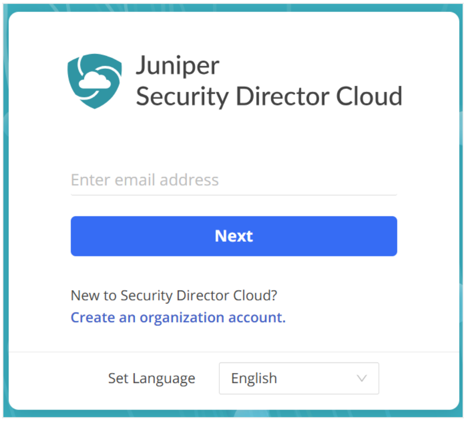
In this guide, we provide a simple, three-step path to quickly get you up and running with Juniper® Secure Edge. You'll set up your service location, also known as point of presence (POP). Use the service location as an access point (AP) to configure and deploy Secure Edge policies for on-premises and roaming users.

Set Up Your Service Location

Decide the Juniper Secure Edge Subscriptions you need and reach out to your sales representative or account manager to purchase the selected subscriptions.

1. Go to https://sdcloud.juniperclouds.net/ and click **Create an organization account**.

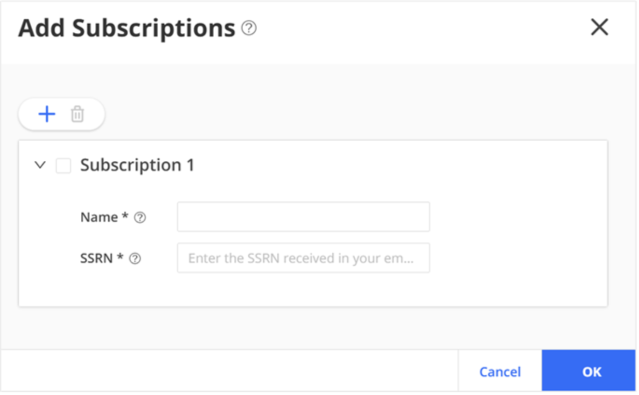
Follow the on-screen instructions to activate your account. You'll receive an e-mail about the status of your organization account activation within 7 working days. If you already have an organization account with Juniper Security Director Cloud, skip to Step 2.



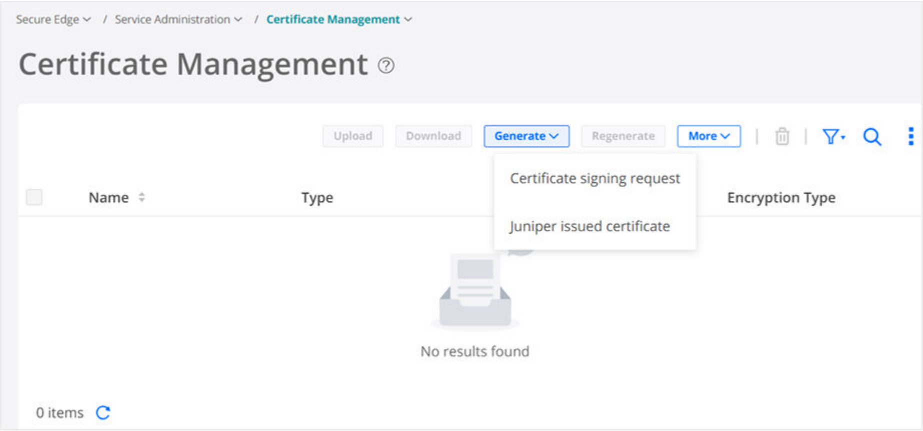
New to Security Director Cloud?
Create an organization account.

Set Language: English

2. Log in to Juniper Security Director Cloud, click **Add Subscriptions**, enter details, and click **OK**.



3. Go to **Secure Edge** > **Service Administration** > **Certificate Management**, and click **Generate**.


Secure Edge / Service Administration / Certificate Management
Certificate Management
Upload
Download
Generate
Regenerate
More
Certificate signing request
Juniper issued certificate
Name
Type
Encryption Type
No results found
0 items

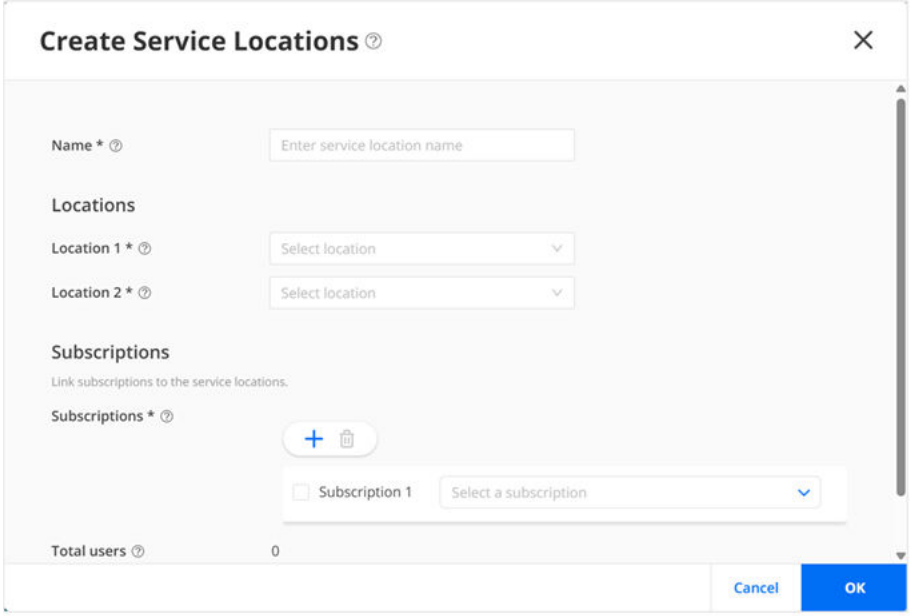
   a. If your company maintains a Private Key Infrastructure (PKI) and Certificate Authority (CA), select **Certificate Signing Request** (CSR). Enter the details, click **OK**, and download the CSR file. Get your CA's signature on the certificate and upload the signed certificate.

   b. If your company does not have a CA, select **Juniper Issued Certificate**, enter the details, and click **OK**. Download and distribute the certificate among your managed devices.

You must install the certificate in your browser's trusted root store. Only one certificate is supported at a time.

4. Go to **Secure Edge** > **Service Management** > **Service Locations** and click the plus (+) sign.

   Provide the service location details, link the Secure Edge subscriptions, and click **OK**.



   You must set up at least two service locations. To continue onboarding, proceed to Step 2.

Step 2: Up and Running

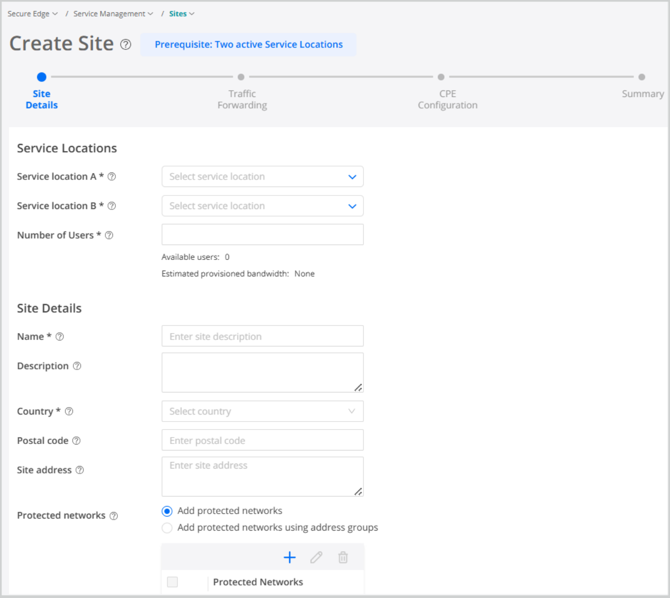
IN THIS SECTION

Now that you've set up your service location, you're now ready to configure and deploy Juniper Secure Edge policies for on-premises and roaming users.

Set Up User Profiles

For On-Premises Users

1. Select **Secure Edge** > **Service Management** > **Sites** and click the plus (+) sign. Select the service locations, enter the site details, traffic forwarding information (customer premises equipment (CPE) and interfaces), configure CPE routing configuration (optional), and click **Finish**.



Create Site

Prerequisite: Two active Service Locations

Service Locations

Service location A * Select service location

Service location B * Select service location

Number of Users *

Available users: 0

Estimated provisioned bandwidth: None

Site Details

Name * Enter site description

Description

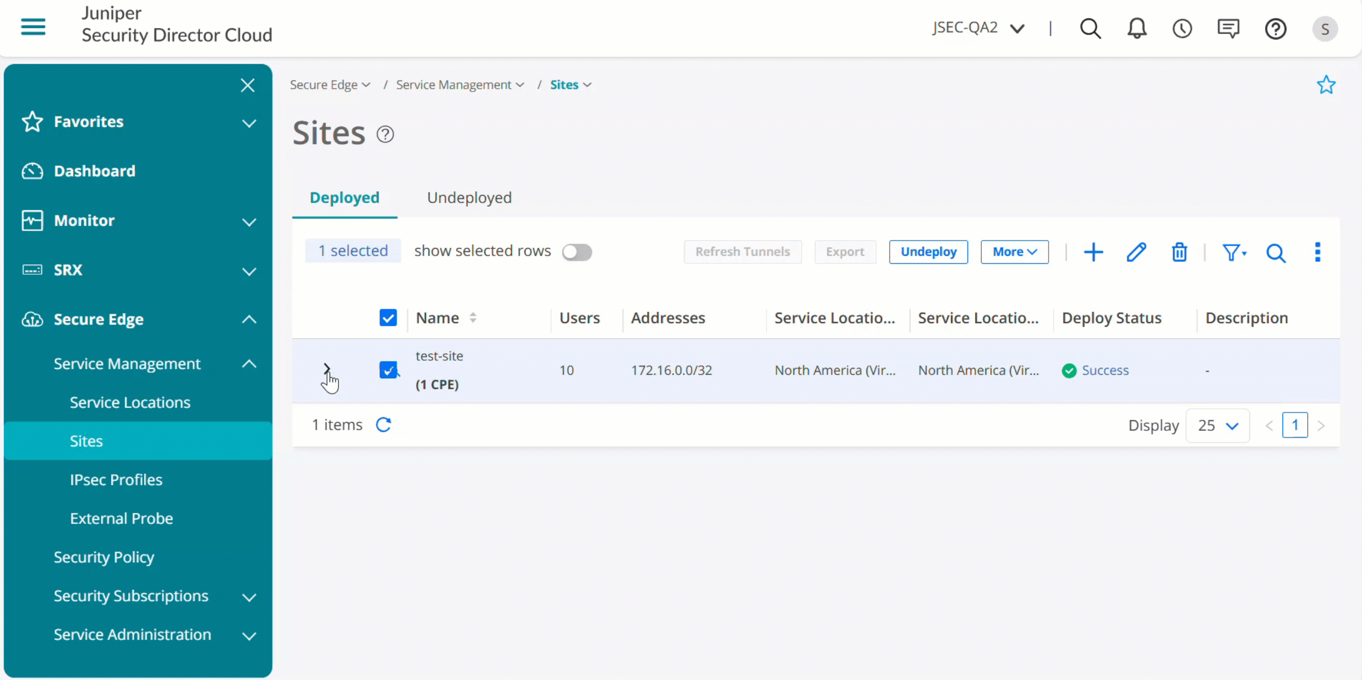
Country * Select country

Postal code Enter postal code

Site address Enter site address

Protected networks ● Add protected networks ○ Add protected networks using address groups

2. Expand the site details, go to **Tunnel configurations** > **View**. The configuration is auto-generated for SRX Series firewall. Click **Copy to Clipboard**. Paste the configuration in the CLI of your CPE device and commit the changes.



Sites

1 selected show selected rows

Name	Users	Addresses	Service Locatio...	Service Locatio...	Deploy Status	Description
test-site (1 CPE)	10	172.16.0.0/32	North America (Vir...	North America (Vir...	Success	-

1 items

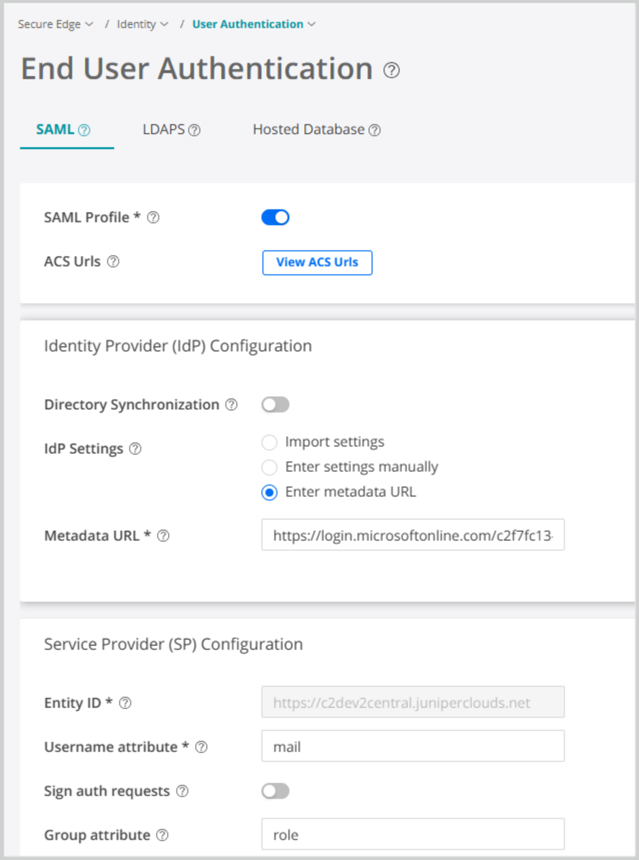
For non-SRX Series Firewalls, a generic configuration summary is provided

3. Select **Secure Edge** > **Service Management** > **IPsec Profiles**, click the plus (**+**) sign, enter the required information, and click **OK**.

For Roaming Users

1. Go to **Secure Edge** > **Identity** > **User Authentication**, select an authentication method—Security Assertion Markup Language (SAML), Lightweight Directory Access Protocol (LDAP), or Hosted Database, enter the required

configuration, and click **Save**.



End User Authentication

SAML Profile *

ACS Urls

Identity Provider (IdP) Configuration

Directory Synchronization

IdP Settings
○ Import settings
○ Enter settings manually
● Enter metadata URL

Metadata URL * https://login.microsoftonline.com/c2f7fc13-

Service Provider (SP) Configuration

Entity ID * https://c2dev2central.juniperclouds.net

Username attribute * mail

Sign auth requests

Group attribute role

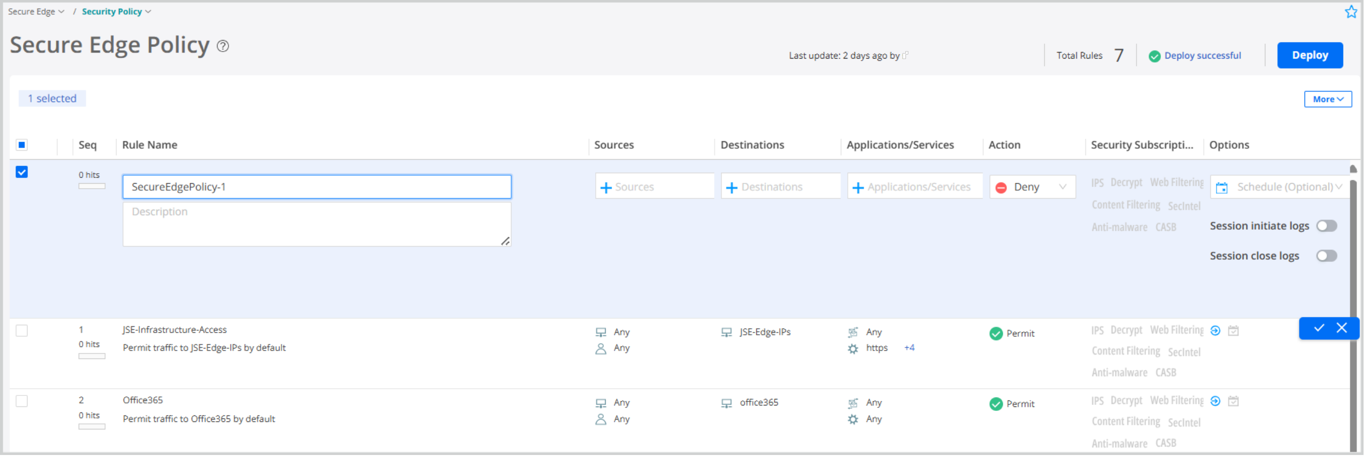
2. Select **Secure Edge** > **Service Administration** > **Explicit Proxy Profiles**. Enter the port number of the proxy server and select the decrypt profile from the list. If you do not have a decrypt profile, click **Create Decrypt Profile**, enter the required information, and click **Save**.

3. Select **Secure Edge** > **Service Administration** > **PAC Files**. Recommended proxy auto-configuration (PAC) file is auto-generated. Select the PAC file and click **Copy URL**.

4. Go to the browser proxy settings on your device, paste the URL of the PAC file, and click **Save**.

Deploy Your Secure Edge Policy

1. Select **Secure Edge** > **Security Policies**and click plus (**+**) sign to create new rule.



Secure Edge ⌄ / Security Policy ⌄

Secure Edge Policy

Last update: 2 days ago by

Total Rules 7

Deploy successful

1 selected

☑	Seq	Rule Name	Sources	Destinations	Applications/Services	Action	Security Subscripti...	Options
☑	0 hits	SecureEdgePolicy-1 Description	+ Sources	+ Destinations	+ Applications/Services	Deny	IPS Decrypt Web Filtering Content Filtering SecIntel Anti-malware CASB	Schedule (Optional) Session initiate logs Session close logs
□	1 0 hits	JSE-Infrastructure-Access Permit traffic to JSE-Edge-IPs by default	Any Any	JSE-Edge-IPs	Any https +4	Permit	IPS Decrypt Web Filtering Content Filtering SecIntel Anti-malware CASB	
□	2 0 hits	Office365 Permit traffic to Office365 by default	Any Any	office365	Any Any	Permit	IPS Decrypt Web Filtering Content Filtering SecIntel Anti-malware CASB	

2. Enter the required information, click ✓ to save the policy, and click **Deploy**.

For on-premise users, the site tunnel status displays as ✓ Up in the portal. For roaming users, after authentication in to the portal, the end user authentication status displays as **Success**.

Congratulations! You have successfully onboarded Juniper Secure Edge for on-premises and roaming users!

Step 3: Keep Going

IN THIS SECTION

What's Next?

Use the Juniper Security Director Cloud portal to configure and monitor Secure Edge services for your network. Here are some things you can do next:

If You Want To	Then
Configure anti-malware profiles to inspect malware	See Create Anti-malware Profile
Configure content filtering policies to prevent access to malicious content	See Create a Content Filtering Policy
Configure Secure Edge policy rule to specify actions for a transit traffic	See Add a Secure Edge Policy Rule

General Information

If You Want To	Then
See all the available documentation for Juniper Secure Edge	Visit Juniper Secure Edge
See all the available documentation for Juniper Security Director Cloud	Visit Juniper Security Director Cloud

Learn with Videos

If You Want To	Then
Understand what is Secure Access Service Edge (SASE)	Watch What is SASE?
Understand what is Juniper Secure Edge	Watch What is Juniper Secure Edge?
See a demonstration of how to get started with Juniper Secure Edge	Watch Getting Started with Juniper Secure Edge
Deploy Juniper Security Service Edge (SSE)	See Juniper Secure Edge Training Course
Learn how to manage security with Juniper Security Director Cloud and Juniper Secure Edge	Watch Manage Security Anywhere With Security Director Cloud and Juniper Secure Edge