

# Junos Space—Security Director (JS-SD)

## COURSE OVERVIEW

This two-day course is designed to provide students with the knowledge required to manage the Junos Space Security Director application and manage devices with that application. Students will gain in-depth knowledge of how to work with Security Director. Through demonstrations and hands-on labs, students will gain experience with the features of Security Director.

This course is based on Junos Space Release 20.1R1 and Security Director 20.1R1.2.

### COURSE LEVEL

Intermediate

### AUDIENCE

This course benefits individuals responsible for managing Junos security, switching, and wireless devices using the Junos Space software in an enterprise network environment.

### PREREQUISITES

- Experience with the Junos OS, including device management, routing, and security policy
- Successfully complete the *Junos Space Essentials (JSE)* or equivalent knowledge
- Successfully complete the *Juniper Security (JSEC)* or equivalent knowledge
- Intermediate to advanced Junos CLI experience

### RELEVANT JUNIPER PRODUCT

- Automation
- Network Management
- Security
- vSRX
- Junos Space Security Director

### CONTACT INFORMATION

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### OBJECTIVES

- Explain the purpose of the Security Director application.
- Describe the Security Director workspaces.
- Discuss how to manage SRX chassis clusters through the Security Director application.
- Explain basic security device discover, configuration, and management through the Security Director application.
- Explain the purpose of firewall policies.
- Configure Standard and Unified firewall policies.
- Use policy management features.
- Describe how to create and manage IPsec VPNs using Security Director.
- Describe how to import IPsec VPNs using Security Director.
- Describe NAT.
- Describe how to configure NAT policies in Security Director.
- Explain how to manage IPS policies.
- Discuss how to manage UTM policies.
- Describe how to manage SSL-Proxy policies.
- Describe how to manage configuration changes.
- Give an overview of the Log Director application and architecture.
- Understand the Log Director installation process.
- Use the Security Director event viewer.
- Explain the Security Director event viewer.
- Discuss how to generate alerts and notifications.
- Explain how to generate reports.

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## COURSE CONTENT

### DAY 1

<b>1</b>	<p><b>Course Introduction</b></p>
<b>2</b>	<p><b>Introduction to Security Director</b></p> <ul style="list-style-type: none"> <li>• Security Director Overview</li> <li>• Navigating the Security Director Application</li> <li>• Device Support</li> <li>• Basic Device Configuration and Setup</li> <li>• Chassis Clustering</li> <li>• Manage Device Licenses</li> </ul> <p><b>LAB 1: Introduction to Security Director</b></p>
<b>3</b>	<p><b>Security Director—Firewall Policies</b></p> <ul style="list-style-type: none"> <li>• Firewall Policies Overview</li> <li>• Defining Security Objects</li> <li>• Configuring a Standard Firewall Policy</li> <li>• Configuring a Unified Firewall Policy</li> <li>• Managing Policies</li> </ul> <p><b>LAB 2: Provisioning Firewall Policies</b></p>
<b>4</b>	<p><b>Deploying VPNs</b></p> <ul style="list-style-type: none"> <li>• Creating IPsec VPNs</li> <li>• Importing IPsec VPNs</li> </ul> <p><b>LAB 3: Provisioning IPsec VPNs</b></p>
<b>5</b>	<p><b>Deploying NAT Policies</b></p> <ul style="list-style-type: none"> <li>• Overview of NAT</li> <li>• Configuring NAT Policies in Security Director</li> </ul> <p><b>LAB 4: Provisioning NAT Policies</b></p>

### DAY 2

<b>6</b>	<p><b>IPS, UTM, and SSL Proxy Policies</b></p> <ul style="list-style-type: none"> <li>• Managing IPS Policies</li> <li>• Managing UTM Policies</li> <li>• Managing SSL Proxy Policies</li> <li>• Deploying Configuration Changes Review</li> </ul> <p><b>LAB 5: Provisioning IPS and UTM Policies and SSL Proxy Profiles</b></p>
<b>7</b>	<p><b>Monitoring and Reporting</b></p> <ul style="list-style-type: none"> <li>• Log Director Overview, Installation, and Administration</li> <li>• Log Events</li> <li>• Alerts and Reports</li> </ul> <p><b>LAB 6: Deploying Log Director</b></p>

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