



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Junos Space-Security Director (JS-SD)

CODE:	LENGTH:	PRICE:
JUN_JS-SD	16 Hours (2 days)	£1,650.00

Description

This two-day course is designed to provide students with the knowledge required to manage Juniper next-generation firewalls with the Junos Space Security Director application.

Students will gain in-depth knowledge of how to work with Security Director, including the deployment of firewall policies, Network Address Translation policies and advanced security features.

Through demonstrations and hands-on labs, students will gain experience with the features of Security Director.

This course is based on Junos OS Release 22.1R1.10, Junos Space Release 22.1R1.10, Security Director 22.1R1.1 and Security Director Insights 22.1R1.

Junos Space-Security Director (JS-SD) is an intermediate-level course.

Relevant Juniper Product

- SRX Series • vSRX Series

Objectives

- Describe the Junos Security Director product and its basic functionality.
- Describe and implement the Security Director firewall policies.
- Demonstrate deploying VPNs.
- Implement NAT policies.
- Deploy and manage IPS, UTM, SSL Proxy, and Secure Web policies with Security Director.
- Explain the logging, reporting, and alerting options in Security Director.
- Describe the features and use cases for Security Director Cloud.

Audience

Benefits individuals responsible for managing security configurations on Juniper next-generation firewalls using the Security Director application.

Prerequisites

- Basic networking knowledge
- Understanding of the OSI reference model and the TCP/IP protocol suite
- Understanding of the session-based L4-L7 firewall concepts
- Basic Junos OS knowledge including device management, routing, and security policy
- Completion of the Junos Space Essentials course, or equivalent experience
- Completion of the Junos Security course, or equivalent experience

Programme

Day 1

Course Introduction

Introduction to Security Director

- Explain the purpose of the Security Director application
- Explain the Security Director workspaces
- Discuss how to manage SRX chassis clusters through the Security Director application
- Manage device license

Lab 1: Introduction to Security Director

Security Director Firewall Policies

- Explain the purpose of firewall policies
- Explain security objects

- Configure standard and unified firewall policies
- Manage policy features

Lab 2: Provisioning Firewall Policies

Deploying VPNs

- Describe how to create and manage IPsec VPNs using Security Director
- Describe how to import IPsec VPNs using Security Director

Lab 3: Provisioning IPsec VPNs

Deploying NAT Policies

- Describe NAT
- Describe how to configure NAT policies in Security Director

Lab 4: Provisioning NAT policies

Day 2

IPS, UTM, SSL Proxy, and Secure Web Proxy

- Explain how to manage IPS policies
- Describe how to manage UTM policies
- Describe how to manage SSL Proxy policies
- Describe how to configure Secure Web Proxy
- Describe how to deploy configuration changes

Lab 5: Provisioning IPS, UTM, and SSL Proxy

Monitoring and Reporting

- Provide an overview of log management in the Security Director and how to deploy log director
- Identify the Security Director event viewer
- Discuss how to generate alerts and reports

Lab 6: Deploying Log Director

Security Director Cloud

- Describe the purpose of Security Director Cloud
- Onboard security devices to Security Director Cloud
- Deploy a firewall policy using Security Director Cloud

Session Dates

On request. Please [Contact Us](#)

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)