

Managing Juniper Security Director Cloud (MJSDC)

ID MJSDC **Price** US \$ 2,000.—(excl. VAT) **Duration** 2 days

Who should attend

This course benefits individuals responsible for managing security configurations on Juniper security devices using Juniper Security Director Cloud

Prerequisites

- Basic networking knowledge
- Understanding of the OSI reference model and the TCP/IP protocol suite
- Understanding of the session-based Layer 4 through Layer 7 firewall concepts
- Basic Junos operating system (OS) knowledge including device management, routing, and security policy
- Completion of the [Juniper Security \(JSEC\)](#) course, or equivalent experience

Course Objectives

- Describe the features and functionalities of Juniper Security Director Cloud.
- Manage security devices using Juniper Security Director Cloud.
- Describe the security policies of Juniper Security Director Cloud.
- Demonstrate deploying IPsec VPNs.
- Implement NAT policies.
- Deploy and manage IPS, Content Security, and Decrypt Profiles with Juniper Security Director Cloud.
- Explain how Juniper ATP Cloud features are implemented in Juniper Security Director Cloud.
- Use the monitoring tools in Juniper Security Director Cloud.

Course Content

Course Introduction

Introduction to Juniper Security Director Cloud

- Describe the features of Juniper Security Director Cloud
- Discuss the Juniper Security Director Cloud UI
- Describe Juniper Security Director Cloud subscriptions

Lab 1: Introduction to Juniper Security Director Cloud

Device Management

- Adopt security devices to Juniper Security Director Cloud through the CLI
- Adopt security devices to Juniper Security Director Cloud through ZTP
- Manage device subscriptions
- Configure device settings
- Deploy configuration templates
- Manage software images
- Install security packages

Lab 2: Adopting SRX Devices

Deploying Security Policies

- Explain the purpose of security policies
- Explain security objects
- Describe the Security Policy workspace
- Configure a security policy
- Manage security policies

Lab 3: Provisioning Security Policies

Deploying IPsec VPNs

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

Lab 4: Provisioning IPsec VPNs

Deploying NAT Policies

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

Lab 5: Deploying NAT

IPS, Content Security and Decrypt Profiles

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- Explain how to manage IPS
- Describe how to manage Content Security
- Describe how to manage Decrypt Profiles

Lab 6: Provisioning IPS, Content Security and Decrypt Profiles

ATP Features in Juniper Security Director Cloud

- Describe how ATP Cloud provides functionality to Juniper Security Director Cloud
- Enroll SRXs to Juniper ATP Cloud
- Configure allowlists and blocklists
- Configure and apply SecIntel profiles
- Configure and apply anti-malware profiles

Lab 7: Implementing Advanced Threat Prevention

Monitoring Tools in Juniper Security Director Cloud

- Navigate the logging workspace
- Configure alerts
- Monitor ATP functions
- Define and generate reports
- Monitor tunnel status

Lab 8: Monitoring and Reporting with Juniper Security Director Cloud

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Training Centres worldwide



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