Juniper Security (JSEC)

ID JSEC **Preis** CHF 4'800.– (exkl. MwSt.) **Dauer** 5 Tage

Zielgruppe

The primary audiences for this course are the following:

- Operators of Juniper Networks security solutions, including network engineers, administrators, support personnel, and resellers.

Empfohlenes Training für die Zertifizierung zum

Juniper Networks Certified Internet Professional Junos Security (JNCIP-SEC)
Juniper Networks Certified Internet Specialist Junos Security (JNCIS-SEC)

Voraussetzungen

The following are the prerequisites for this course:

- Students should have basic networking knowledge and an understanding of the Open Systems Interconnection (OSI) reference model and the TCP/ IP protocol suite; and
- Successful completion of the Introduction to Juniper Security (IJSEC) course.

Kursziele

After successfully completing this course, you should be able to:

- Identify security challenges in today's networks.
- Identify products that are incorporated into the Juniper Connected Security solution.
- Explain the value of implementing security solutions.
- Explain how Juniper Connected Security solves the cyber security challenges of the future.
- Explain SRX Series session management.
- Explain Junos ALG functions and when to use them.
- Describe policy logging on the SRX series device.
- Explain security policy scheduling.
- Describe application security theory.
- Explain application signature usage in AppID.
- Describe the AppTrack service.
- Describe the AppFW service.
- Describe the AppQoS service.

- Configure security policies using the AppSecure suite of services.
- Explain unified security policies.
- Describe IPS signatures.
- Configure an IPS policy using pre-defined templates.
- Describe how to update the IPS attack object database.
- Describe IPS rules and rule bases.
- Configure custom attack objects.
- Describe Junos Space and Security Director.
- Configure policy management using Security Director.
- Describe Security Director objects.
- Explain the different licensing options for Sky ATP
- List Sky ATP's features and benefits.
- Configure Sky ATP profiles and enroll an SRX Series device.
- Configure file scanning on Sky ATP.
- Configure Sky ATP to scan email
- Configure GeoIP on Sky ATP.
- Describe the JATP features and benefits
- List the JATP device options.
- Explain the JATP architecture.
- List 3rd party support options for JATP.
- Explain JATP SmartCore analytics processes.
- Describe Policy Enforcer configuration options.
- Describe Policy Enforcer integration with Sky ATP.
- Configure Policy Enforcer to block lateral malware movement.
- Explain Juniper Secure Analytics features and benefits.
- Describe JSA log collection.
- Describe JSA network flow collection.
- Describe the JSA Offense Management workspace.
- Explain the JSA Risk Manager features.
- Configure JSA to collect network and log collection.
- Explain the features of JIMS.
- Describe JIMS integration into the current AD network.
- Describe the Sky Enterprise service and how it can save resources.
- Explain the Sky Enterprise monitoring service.
- Explain the vSRX Series device benefits.
- Describe use cases for the vSRX.
- Explain the cSRX Series device benefits.
- Describe use cases for the cSRX.
- Describe SSL Proxy Concepts.
- Explain Forward and Reverse Proxy and the limitations of each.
- Configure both Forward and Reverse Proxy.
- Troubleshoot SSL Proxy configurations.

- Explain how to cluster the SRX Series.
- Describe chassis cluster interfaces.
- Explain advanced chassis clustering options.
- Configure chassis clustering on the vSRX.
- Troubleshoot chassis clustering on the vSRX

Kursinhalt

- Course Introduction
- CLI Overview
- Advanced Security Policy
- Application Security Theory
- Application Security Implementation
- Intrusion Detection and Prevention
- Security Director
- Sky ATP Implementation
- Policy Enforcer
- JATP Overview
- JATP Implementation
- Juniper Secure Analytics (JSA)
- JIMS
- vSRX and cSRX
- SSL Proxy
- Cluster Concepts
- Chassis Cluster Implementation
- Chassis Cluster Troubleshooting

Weltweite Trainingscenter

Fast Lane Institute for Knowledge Transfer GmbH

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch