

Advanced Juniper Security (AJSEC)

ID AJSEC Price CHF 5,250.—(excl. VAT) Duration 4 days

Who should attend

Individuals responsible for implementing, monitoring, and troubleshooting Juniper security components. This course also helps you prepare for the JNCIP-SEC certification

This course is part of the following Certifications

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

Prerequisites

- Strong skill level in TCP/IP, Layer 2 Ethernet, security policies, and security concepts
- General understanding of stateful firewalls, NAT, and IPsec
- Recommended, but not required:
 - Completion of the [Introduction to the Junos Operating System \(IJOS\)](#) and [Juniper Security \(JSEC\)](#) courses
 - Experience with packet captures

Course Content

- Junos Layer 2 Packet Handling and Security Features
- Packet-Based Security
- Troubleshooting Zones and Policies
- Hub-and-Spoke VPN
- Advanced NAT
- Logical and Tenant Systems
- PKI and ADVPNs
- Advanced IPsec
- Troubleshooting IPsec
- Advanced Policy-Based Routing
- EVPN-VXLAN Security
- Multinode High Availability
- Automated Threat Mitigation

Course Objectives

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

- Describe Layer 2 security features.
- Discuss ways to use packet-based security.
- Describe how to troubleshoot zones and policies.
- Describe how to implement a hub-and-spoke VPN.
- Discuss advanced NAT capabilities.
- List the ways that the SRX Series firewall may be virtualized.
- Describe how to implement an Auto Discovery VPN (ADVPN) setup.
- List options using IPsec to accomplish advanced configurations.
- Discuss how to troubleshoot IPsec VPNs.
- Describe how to route traffic based on the application.
- Describe how to secure VXLAN traffic within the network.
- Implement multinode high availability.
- Discuss how to mitigate network threats automatically.

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Training Centres worldwide



Fast Lane Institute for Knowledge Transfer (Switzerland) AG

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

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