

# 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 <u>Introduction to the Junos</u>
    <u>Operating System (IJOS)</u> and <u>Juniper Security (JSEC)</u> courses
  - Experience with packet captures

### **Course Objectives**

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

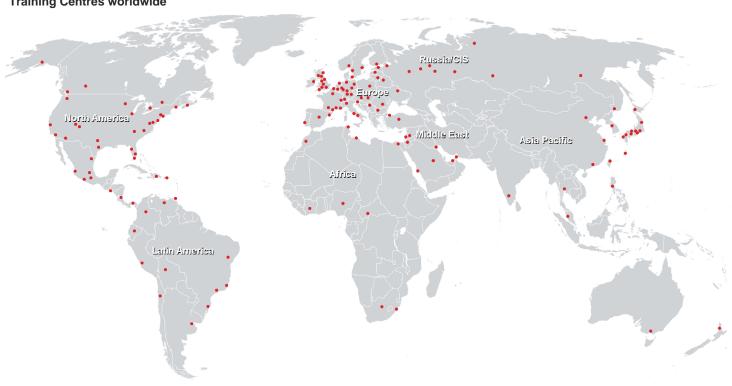
- Describe Layer 2 security features.
- · Discuss ways to use packet-based security.
- Describe how to troubleshoot zones and policies.
- Describe how to implement a hub-and-spoke VPN.
- Discuss advanced NAT capabilities.
- List the ways that the SRX Series firewall may be virtualized.
- Describe how 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.

#### **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

# Advanced Juniper Security (AJSEC)

# **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