



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Advanced Junos Enterprise Security Troubleshooting (AJEST)

CODE:	LENGTH:	PRICE:
JUN_AJEST	8 Hours (1 day)	kr9,500.00

Description

This one-day course is designed to provide students with information about troubleshooting IPsec, security zones and policies, other security features, and chassis clustering. Students will gain experience in monitoring and troubleshooting these topics through demonstration as well as hands-on labs. The course exposes students to common troubleshooting commands and tools used to troubleshoot various intermediate to advanced issues.

This course uses Juniper Networks SRX Series Services Gateways for the hands-on component, but the lab environment does not preclude the course from being applicable to other Juniper hardware platforms running the Junos OS. This course is based on Junos OS Release 12.1R5.5.

Objectives

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

- Troubleshoot security zones.
- Troubleshoot security policies.
- Troubleshoot IPsec virtual private network (VPN) problems.
- Troubleshoot Internet Key Exchange (IKE) phase 1 issues.
- Troubleshoot IKE phase 2 issues.
- Verify and troubleshoot AppSecure.
- Monitor and troubleshoot intrusion prevention systems (IPS).
- Verify and troubleshoot UTM.
- Verify, monitor, and troubleshoot chassis clustering issues.
- Troubleshoot different chassis clustering modes.
- List the general chassis components.
- Identify different methods for troubleshooting major chassis components.
- Troubleshoot redundant Routing Engine and Control Board communication.

Audience

The primary audience for this course is the following:

- Individuals responsible for configuring and monitoring devices running the Junos OS.

Prerequisites

The following are the prerequisites for this course:

- Junos Troubleshooting in the NOC (JTNOG);
- Advanced Junos Security (AJSEC);
- Junos Intrusion Prevention Systems (JIPS); and
- Junos Unified Threat Management (JUTM).

Programme

Day 1

Chapter 1: Course Introduction

Chapter 2: Troubleshooting Security Zones and Policies

- Security Zones
- Security Policies
- Case Studies
- Troubleshooting Security Zones and Policies Lab

Chapter 3: Troubleshooting IPsec

- IPsec Overview
- IKE Phase 1
- IKE Phase 2
- Case Studies
- Troubleshooting IPsec Lab

Chapter 4: Troubleshooting Security Features

- AppSecure
- IPS
- UTM
- Troubleshooting Security Features Lab

Chapter 5: Troubleshooting Chassis Clusters

- High Availability Overview
- High Availability Operation
- Case Studies
- Troubleshooting Chassis Clustering Lab

Appendix A: SRX Hardware Troubleshooting

- General Chassis Components
- Redundancy
- Hardware Case Study

Options

Advanced Junos Enterprise Security Troubleshooting is an advanced-level course.

Session Dates

På begäran, [kontakta oss](#)

Ytterligare information

[Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.](#)