

IMPLEMENTING JUNIPER SRX SECURITY SERVICES

Summary: This two-day, intermediate-level course provides students with the knowledge required to work with Juniper Connected Security devices. This course uses Junos CLI and Security Director. The course provides further instruction on how Juniper Networks approaches a complete security solution for current and future security problems, called Juniper Connected Security. Key topics include tasks for Security Director management, Juniper® Advanced Threat Prevention management (ATP) Cloud management, Policy Enforcer management, and Identity aware security policies.

Objective: Gain practical experience with Juniper security solutions while building a comprehensive understanding of their role in delivering enterprise-grade protection.

Labs included: Yes

Audience: Individuals responsible for security operations using Juniper Networks security solutions, including network engineers, security engineers, administrators, support personnel, and resellers.

What you will learn: Through demonstrations and hands-on labs, students will gain the skills needed to effectively secure, manage, and optimize Juniper Security environments.

Duration: 2
days

Day 1

Module 1: Implementing Juniper Secure Connect
· Juniper Secure Connect features

Lab 1: Implementing Juniper Secure Connect

Module 2: Implementing Identity Aware Security Policies

- Identity-aware firewall and supported identity sources
- Active Directory as identity source
- Juniper Identity Management Service (JIMS)

Lab 2: Implementing Identity Aware Security Policies

Module 3: Introducing Security Director

- Benefits of Security Director
- How to deploy and manage security policies

Lab 3: Using Security Director

Day 2

Module 4: Introducing Policy Enforcer
· Explain the benefits of Policy Enforcer

Module 5: Implementing Juniper ATP Cloud Anti-Malware

- Describe Juniper ATP Cloud anti-malware capabilities
- Configure the SRX Series Firewall to use Juniper ATP Cloud anti-malware

Lab 4: Enrolling Devices in Juniper ATP Cloud

Module 6: Implementing Juniper ATP Cloud Features

- Explain Security Intelligence, ETI, and Adaptive Threat Profiling

Lab 5: Implementing ATP Cloud Features