



EDUCATION SERVICES

AUTHORIZED PARTNER

ADVANCED JUNIPER NETWORKS SECURE ACCESS

Course No: EDU-JUN-AJSA

Length: Two days

Course Overview

This two-day course discusses the advanced configuration of Secure Access (SA) products. Key topics include PKI support, additional authentication and authorization servers, complex policies, customization, virtual systems, high availability, and Secure Meeting. Through demonstrations and hands-on labs, students will gain experience in configuring, testing, and troubleshooting advanced features of the SA products.

Objectives

After successfully completing this course, you should be able to deploy the SA products to support common environments. Specific topics include the following:

- Advanced Access Management
 - Public Key Infrastructure (PKI) support
 - Certificate Revocation Lists (CRL)
 - Virtual Hosting
 - Single Sign On (SSO)
- Advanced Authentication
 - Certificate
 - Anonymous
 - Netegrity
 - SAML
- Advanced Policies
 - Rewriting Policies
 - Authentication Policies
 - Role Mapping
 - Resource Policies
- Password Management
- Administrative Delegation
- Custom User Interface (UI)
- Clustering
- Instant Virtual Systems (IVS)
- Secure Meeting

Intended Audience

The target audience includes network engineers, support personnel, reseller support, and anyone responsible for implementing SA products.

Course Level

This is an advanced-level course.

- More Information at <http://www.nexuminc.com/training/juniper/ajsa> -



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Prerequisites

This course assumes that students have successfully attended the [Configuring Juniper Networks Secure Access \(CJSA\)](#) course or have equivalent experience with the Juniper Networks Secure Access products. Specifically, students must be familiar with the configuration of the following:

- Roles;
- Realms;
- Resource Policies; and
- Authentication Servers.

Course Contents

Day 1

Chapter 1: Course Introduction

Chapter 2: Review

- IVE Terminology
- IVE License Features
- Lab 1: Configuration Review

Chapter 3: Authentication Options

- Creating Sign-In URLs
- Organizing Sign-In URLs
- Multiple Sign-In Credentials
- Configuring Single Sign-On
- Configuring Secure Access Markup Language
- Configuring eTrust SiteMinder
- Lab 2: Authentication Options

Chapter 4: Certificates

- Certificates
- Configuring Certificate Authentication Server
- Configuring Multiple Server Certificates
- Lab 3: Using Certificates

Chapter 5: Complex Policies

- Resource Policies
- Role Mapping Rules
- Specialized Web Resource Policies
- Lab 4: Complex Policies



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Chapter 6: Client and Server

- Describe Network Connect
- Describe Installers
- Describe Launchers
- Lab 5: Client/Server

Day 2

Chapter 7: Administration

- Administration
- Delegated Administration
- System Logs
- Lab 6: Administration

Chapter 8: Juniper Endpoint Defense Initiative

- Describing J.E.D.I.
- Configuring Host Checker
- Configuring Endpoint Solutions
- Lab 7: Host Checker

Chapter 9: Instant Virtual Systems

- Describing the Instant Virtual System
- Configuring the Instant Virtual System
- Lab 8: Virtual Systems

Chapter 10: Clustering

- Describing Clustering
- Configuring Clustering
- Lab 9: Active/Passive Configuration

Chapter 11: Secure Meeting

- Describing Secure Meeting
- Configuring Secure Meeting
- Meetings
- Secure Meeting Client
- Lab 10: Secure Meeting