
Advanced Juniper Networks IPSec VPN Implementations

Duración: 2 Días Código del Curso: AJVI

Temario:

This two-day, intermediate-level course focuses on the wide range of options available when configuring virtual private networks (VPNs) using Juniper Networks firewall/VPN products. Students attending the course will learn these various deployments through detailed lectures and hands-on lab exercises. This course is based on ScreenOS AUDIENCE version 6.3r14.

Dirigido a:

Intended Audience This course is intended for network engineers, network support personnel, and reseller support.

Objetivos:

- **After successfully completing this course, you should be able to:**
 - Configure LAN-to-LAN IPSec VPNs in various configurations.
 - Configure VPN redundancy.
 - Configure dynamic routing using IPSec VPNs.
 - Configure remote access IPSec connectivity including group IKE and shared IKE.
 - Configure GRE tunnels.
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Prerequisites:

Prerequisites for this course include the following:

- Completion of the Configuring Juniper Networks Firewall/IPSec VPN Products (CJFV) course or equivalent experience with ScreenOS software.
- General networking knowledge, including Ethernet, TCP/IP, and routing concepts.
- CJFV - Configuring Juniper Networks Firewall/IPsec VPN Products
- IFVH - Integrating Juniper Networks Firewall/IPSec VPN Products into High-Performance Networks

Exámenes y certificación

Associated Certification:

- JNCIS-FWV
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Contenido:

Day 1

Chapter 1: Course Introduction

Chapter 2: ScreenOS VPN Basics Review

- VPN Review
- Verifying Operations
- VPN Monitor
- Lab 1: VPN Review

Chapter 3: VPN Variations

- Dynamic Peers
- Transparent Mode
- Overlapping Addresses
- Lab 2: VPN Variations

Chapter 4: Hub-and-Spoke VPNs

- Concepts
- Policy-Based Hub-and-Spoke
- Route-Based, with No Policy, and NHTB
- Route-Based with Policy
- Centralized Control
- AutoConnect-Virtual Private Networks

Lab 3: Hub-and-Spoke VPNs

Chapter 5: Routing over VPNs

- Routing Overview
- Configuring RIP
- Configuring OSPF
- Case Studies

Lab 4: Dynamic Routing

Day 2

Chapter 6: Using Certificates

- Concepts and Terminology
- Configuring Certificates and Certificate Support
- Configuring VPNs with Certificates
- Lab 5: Using Certificates

Chapter 7: Redundant VPN Gateways (Optional)

- Redundant VPN Gateways
- Other Options
- Demo: Redundant VPN Gateways

Chapter 8: Generic Routing Encapsulation (Optional)

- Configuring GRE

Chapter 9: Dial-Up IPSec VPNs

- Basic Dial-up Configuration
- XAUTH and Shared IKE ID

Información Adicional:

Course Level

This is an advanced-level course.

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

info.cursos@globalknowledge.es

www.globalknowledge.com/es-es/

Global Knowledge Network Spain, C/ Retama 7, 6ª planta, 28045 Madrid