

# Configuring Juniper Networks Firewall/IPSec VPN Products (CJFV)

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## Course Details

### Course Outline

- 1. Course Introduction**
- 2. Screen OS Concepts, Terminology, and Platforms**
  - Security Device Requirements
  - Screen OS Security Architecture
  - Juniper Networks Platforms
- 3. Initial Connectivity**
- 4. System Components**
  - Establishing Connectivity
  - Verifying Connectivity
- 5. Device Management**
  - Management
  - Recovery
- 6. Device Administration**
  - Layer 3 Operations
  - Need for Routing
  - Configuring Layer 3
  - Verifying Layer 3
  - Loopback Interface
  - Interface-Based NAT
- 7. Basic Policy Configuration**
  - Functionality
  - Policy Configuration
  - Common Problems
  - Global Policy
  - Verifying Policies

## **8. Policy Options**

- Overview
- Logging
- Counting
- Scheduling
- User Authentication

## **9. Address Translation**

- Scenarios
- NAT-src
- NAT-dst
- VIP Addresses
- MIP Addresses

## **10. VPN Concepts**

- Concepts and Terminology
- IP Security

## **11. Policy-Based VPNs**

- Configuration
- Verifying Operations

## **12. Route-Based VPNs**

- Concepts and Terminology
- Configuring VPNs
- Verifying Operations

## **13. IPv6**

- IPv6 Concepts
- Configuration
- Verifying IPv6 Operations