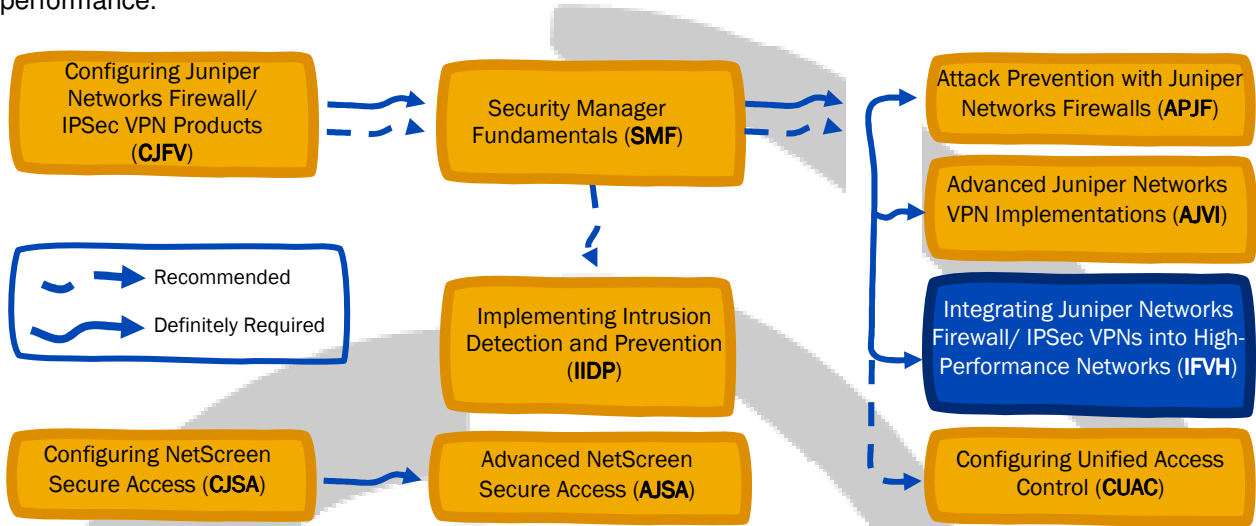




JUNIPER FIREWALL/VPN - TRAINING CURRICULUM

Juniper Networks Educational Services helps ensure that you have the knowledge and skills to deploy and maintain cost-effective, high-performance networks, as well as demonstrate your technical expertise and keep you ahead of the technology curve. Our technical education courses are designed to give you the technical detail and capabilities you require to ensure that your network operates securely and at peak performance.



JNCIA-FWV = CJFV

JNCIS-FWV = CJFV + APJF + AJVI + IFVH

Integrating Juniper Firewalls & VPN's into High-Performance Networks (IFVH)

Course Overview

This three-day course focuses on the ScreenOS features that are typically required in large-scale networks, including dynamic routing, virtual systems, traffic shaping, and high availability. Upon completing this course, a student should be able to return to work and successfully install, configure, and verify that a ScreenOS-based device is interoperating in the network as desired. Through demonstrations and hands-on labs, students gain experience in configuring, testing, and troubleshooting these advanced features of ScreenOS

Target audience

Network engineers, support personnel, and reseller support.

Prerequisites

Completion of CJFV or equivalent product experience. Completion of SMF or equivalent product experience if using Security Manager.

General networking knowledge, including Ethernet, TCP/IP, and routing concepts.

Course Contents

Day One: Introduction

ScreenOS Review

- Review key ScreenOS configuration, including L3 operations and basic policy
- Review troubleshooting commands and procedures

OSPF

- OSPF Operations
- OSPF Config
- Verifying Operations
- Route Redistribution
- Summarization



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BGP

- BGP Operations
- EBGp Configuration
- Verifying Operations
- IBGP Configuration
- BGP Connectivity

Day Two

Advanced Static Routing

- Source-Based Routing
- Policy-Based Routing
- Advanced Destination Routing

Multicast

- IGMP Operations
- IGMP Configuration
- PIM-SM Operations
- PIM-SM Configuration

Virtual Systems

- VSYS Operations
- VSYS Configuration - interface classification
- Verifying Operations
- VSYS Configuration - IP Classification
- VSYS Configuration - Transparent Mode

Day Three

NSRP

- NSRP Operations
- NSRP Active/Passive Configuration
- NSRP Active/Active Configuration
- NSRP and VSYS
- NSRP and Dynamic Routing

Traffic Shaping

- Priority Queuing
- Ingress Policing
- DSCP Marking and Shaping

Cost AUD \$2,099 inc. GST



Certification: *(JNCIS-FWV)*

Juniper Networks Certified Internet Specialist

Exam code: JN0-531

Exam: Prometric testing www.2test.com

Exam length: 90 minutes

Exam type: 75 multiple-choice questions

Passing grade: 70%

Recommended Training:

CJFV + APJF + AJVI + IFVH

Available Dates: www.crystalecho.com

Terms and Conditions

- Students will be required to supply their own notebook PC with network card and serial port
- 50% refunded if cancelled in less than 10 working days before course
- 25% refunded if cancelled in less than 5 working days before course

