

## JNCIS-FWV BOOTCAMP: Advanced Firewall Course

The JNCIS-FWV BootCamp course is a combination of three advanced technical courses into a highly technical 5-day curriculum, allowing students to attain the Advanced Firewall Certification from Juniper Networks:

- [APJF - Attack Prevention with Juniper Networks Firewalls](#)
- [AJVI - Advanced Juniper Networks IPSec VPN Implementations](#)
- [IFVH - Integrating Juniper Firewall/VPNs into High-Performance Networks](#)

The JNCIS-FWV course and focuses on advanced management and troubleshooting of Juniper Firewall/VPN products in complex, dynamic networks. Key topics include virtual systems, dynamic routing, multicast routing, NSRP, and quality of service features. Students will then survey various IPSec VPN configurations as well as alternatives (i.e. GRE), and how to deploy dynamic routing over VPNs. Finally, students will learn SCREEN scanning, anti-virus protection, deep inspection attack detection, Web URL filtering, anti-spam, anti-phishing and anti-spyware capabilities of ScreenOS.

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 functioning in a VPN configuration.

This course also prepares students for the [Juniper Networks Certification](#) exam, whose topics are based on the content of this course. Upon completion of this course combined with additional practice, students should be able to pass the **JNCIA-FWV Certification Exam (JNO-532)**.

The **JNCIS-FWV training course covers the following topics:**

- ScreenOS VPN Basics Review
- OSPF Operational Summary
- Configure OSPF in a Multi-Area Network
- Optimizing Routing Tables
- BGP Operations
- EBGP Configuration
- IBGP Full Mesh
- Source-Based Routing (SBR)
- Policy-Based Routing
- Multiple Static Routes
- Multicast
- IGMP Configuration Steps
- NSRP and Virtual Systems
- NetScreen Redundancy Protocol (NSRP)
- Traffic Shaping
- VPN Variations
- Hub-and-Spoke VPNs
- Routing over VPNs
- Using Certificates
- Redundant VPN Gateways
- Generic Routing Encapsulation
- Dialup IPSec VPNs
- NetScreen-Remote
- Deep Inspection
- Web Filtering
- AntiSpam

**Duration:** 5 days

**Cost:** \$3,995.00

*All Juniper courses use authorized Juniper Networks® course materials.*

To find out more about our classroom training, instructor led **Live Virtual Classes** or onsite training for your teams, please call +1 866-DWWTC-US or send email to [info@dwwtc.com](mailto:info@dwwtc.com).

(399 – 8287)

DWWTC is proud to again been selected as **Juniper Networks Leading Authorized Education Center (JNAEC) in the Americas** for the FIFTH straight year (2005-2009). DWWTC can help you schedule training that meets your needs for your sales and support teams on all of the Juniper technical and certification programs - **Worldwide**.



DWWTC is the Top Performing Juniper Networks Authorized Education Center (JNAEC) in The Americas, providing the highest quality Education for Juniper Security and JunOS Routing and Switching products and platforms.