Configuring Juniper Networks Firewall/IPsec VPN Products

CJFV

Delivery Type: Classroom
Duration: 3 days

Overview

This course is the first in the ScreenOS curriculum. It is a three-day, instructor-led course that focuses on configuration of the ScreenOS firewall/virtual private network (VPN) products in a variety of situations, including basic administrative access, routing, firewall policies and policy options, attack prevention features, address translation, and VPN implementations. This course is based on ScreenOS version 6.2.

Pre-Requisites

This course assumes that students have basic networking knowledge and experience in the following areas:

- ✓ The Internet;
- ✓ Networking concepts; and
- ✓ Terms including TCP/IP, bridging, switching, and routing.

Objectives

After you complete this course you will be able to:

- ✓ After successfully completing this course, you should be able to:
- ✓ Explain the ScreenOS security architecture.
- ✓ Configure administrative access and options.
- ✓ Back up and restore configuration and ScreenOS files.
- ✓ Configure a ScreenOS device in transparent, route, Network Address Translation (NAT), and IP version 6 (IPv6) modes.
- ✓ Discuss the applications of multiple virtual routers.
- ✓ Configure the ScreenOS firewall to permit and deny traffic based on user defined policies.
- ✓ Configure advanced policy options.
- ✓ Identify and configure network designs for various types of network address translation.
- ✓ Configure policy-based and route-based VPN tunnels.

Target Audience

This course is intended for network engineers, support personnel, reseller support, and others responsible for implementing Juniper Networks firewall products.

Certification

Recommended preparation for exam(s):

- ✓ Exam code: JN0-522 - Confirguring Juniper Networks Firewall/IPsec, VPN products (CJFV)