

Attack Prevention with Juniper Networks Firewalls (APJF)

Course Overview

This one-day course meets the business needs of customers who are deploying the attack prevention features of ScreenOS software. The course focuses specifically on the attack-related features and assumes familiarity with ScreenOS software. Upon completing this course, you should be able to return to work and successfully configure and verify the desired attack prevention features. This course is based on ScreenOS version 6.3r14.

Objectives

After successfully completing this course, you should be able to:

- Configure attack prevention features, including:
 - SCREEN options;
 - Deep Inspection (DI); and
 - Antivirus (AV) scanning.
- Configure URL filtering.
- Configure antispam filters.

Course Contents

Day 1	Chapter 1: Course Introduction
	Chapter 2: ScreenOS Basics Review <ul style="list-style-type: none">▪ Concepts Review▪ Configuration Review▪ Lab: ScreenOS Basics Review
	Chapter 3: SCREEN Options <ul style="list-style-type: none">▪ Multilayer Network Protection▪ Types of Attacks▪ SCREEN Options Configuration▪ SCREEN Best Practices▪ Lab: SCREEN Options Configuration
	Chapter 4: Deep Inspection <ul style="list-style-type: none">▪ Deep Inspection Overview▪ Attack Database Configuration▪ Policy Configuration▪ Logging and Monitoring▪ Lab: Deep Inspection Configuration
	Chapter 5: Antivirus <ul style="list-style-type: none">▪ Antivirus Operations▪ Antivirus Configuration—Kaspersky▪ Antivirus Configuration—ICAP▪ Verifying Operations▪ Lab: Antivirus Configuration
	Chapter 6: Web Filtering <ul style="list-style-type: none">▪ Web-Filtering Options▪ Web-Filtering Configuration▪ Verifying Operations▪ Lab: Configuring Web Filtering
	Chapter 7: Antispam <ul style="list-style-type: none">▪ Antispam Concepts▪ Antispam Configuration▪ Verifying Operations▪ Lab: Antispam Configuration



Course Length

1 day

Intended Audience

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

Course Level

Attack Prevention with Juniper Networks Firewalls is an introductory-level course.

Prerequisites

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

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