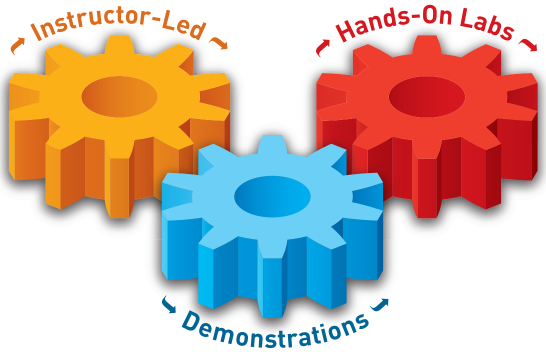
Essentials 1: Firewall Installation, Configuration, & Management



OVERVIEW

Successful completion of this three-day, instructor led course will enable the student to install, configure, and manage the entire line of Palo Alto Networks™ Next-Generation firewalls.

COURSE OBJECTIVES

Students attending this introductory-level class will gain an in-depth knowledge of how to install, configure, and manage their firewall, as well as configuration steps for the security, networking, threat prevention, logging, and reporting features of the Palo Alto Networks Operation System (PAN-OS).

SCOPE

- Course level: Introductory
- Course duration: 3 Days
- Course format: Combines lecture with hands-on labs
- Platform support: All Palo Alto Networks next-generation firewall models

TARGET AUDIENCE

- Security Engineers, Network Engineers, and Support staff

PREREQUISITES

Students must have a basic familiarity with networking concepts including routing, switching, and IP addressing. Students should also be familiar with basic port-based security concepts. Experience with other security technologies (IPS, proxy, and content filtering) is a plus.

COURSE OUTLINE:

DAY 1

Module 0 – Overview

Module 1 – Administration & Management
- GUI, CLI, and API
- Config Management
- PAN-OS & Software Update

Module 2 – Interface Configuration
- Layer 2, Layer 3, Virtual Wire, Tap
- Subinterfaces
- Security Zones

Module 3 – Layer 3
- Layer 3 Configurations
- Interface Management
- Service Routes
- DHCP
- Virtual Routers
- NAT (source and destination)
- IPv6 Overview

DAY 2 & 3

Module 4 – App-ID™
- App-ID Process
- Security Policy Configuration
- Policy Administration

Module 5 – Content-ID™
- Antivirus
- Anti-spyware
- Vulnerability
- URL Filtering
- File Blocking: WildFire™
- Zone Protection

Module 6 – Decryption
- SSL Inbound and Outbound

Module 7 – User-ID™
- User-ID Agent
- Enumerating Users
- Mapping Users to IP
- Users in Security Policy

Module 8 – VPN
- IPsec
- GlobalProtect Overview

Module 9 – High Availability
- Configuring Active/Passive

Module 10 – Panorama
- Device Groups & Templates
- Shared Policy
- Config Management
- Reporting and Log Collection

ORDERING INFORMATION:

PART NUMBER: PAN-EDU-201

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