

Essentials 1: Firewall Installation, Configuration, & Management

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

- L2 & L3
- Vwire
- Tap
- Interface Mgmt
- Security Zones

Module 3 – Layer 3

- Virtual Routers
- L3 Config and DHCP
- Intro: PBF, RP, and IPv6
- NAT (source and destination)

Module 4 – App-ID™

- App-ID Process
- Security Policies
- Administration

DAY 2 & 3

Module 5 – Content-ID™

- Antivirus
- Anti-spyware
- Vulnerability
- URL Filtering
- File Blocking: WildFire™
- Zone Protection

Module 6 – User-ID™

- Enumerating Users
- Mapping Users to IP
- Captive Portal
- User-ID Agent

Module 7 – Decryption

- SSL Inbound and Outbound

Module 8 – High Availability

- Active/Passive

Module 9 – VPN

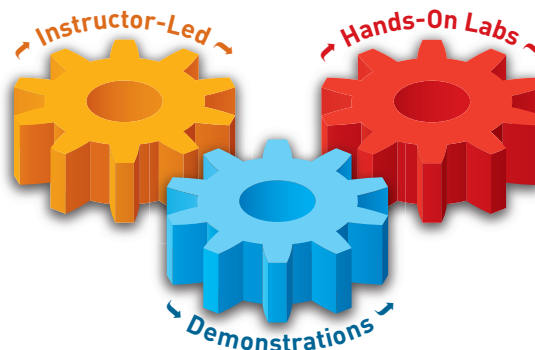
- IPsec
- GlobalProtect Base

Module 10 – Panorama

- Device Groups & Objects
- Shared Policy
- Config Mgmt
- Reporting

ORDERING INFORMATION:

PART NUMBER: PAN-EDU-201



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: PA-200 through PA-5000 series

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.