

# Firewall Essentials FastTrack

## COURSE OUTLINE

### DAY 1

Module 0 – Introduction & Overview

Module 1– Administration & Management

- GUI, CLI, and API
- Configuration Management
- PAN-OS & Software Updates
- Service Route Configuration
- Log Forwarding

Module 2 – Interface Configuration

- L2 & L3
- Vwire
- Tap
- Interface Management
- Security Zones
- VLANs
- QoS
- VSYS

### DAY 2

Module 3 – Layer 3 Configuration

- L3 Configuration and DHCP
- Virtual Routers
- NAT
- DNS Proxy
- Policy Based Forwarding
- Introduction to IPv6

Module 4 – App-ID™

- App-ID Process
- Security Policies
- Administration

Module 5 – Content-ID™

- Antivirus
- Anti-spyware
- Vulnerability
- URL Filtering
- File Blocking and Wildfire™
- Data Filtering
- Zone Protection
- DoS Protection
- Botnet

### DAY 3

Module 6 – Decryption

- SSL Inbound and Outbound

Module 7 – Custom Signatures

- Defining New Application Signatures
- Application Override
- Custom Threat ID

### DAY 4

Module 8 – User-ID™

- User-ID Agent
- Terminal Server Agent
- XML API
- Captive Portal

Module 9 – VPN and GlobalProtect™

- IPsec Tunnels
- GlobalProtect
  - Agent
  - Portal
  - Gateway
  - HIP

### DAY 5

Module 10 – High Availability

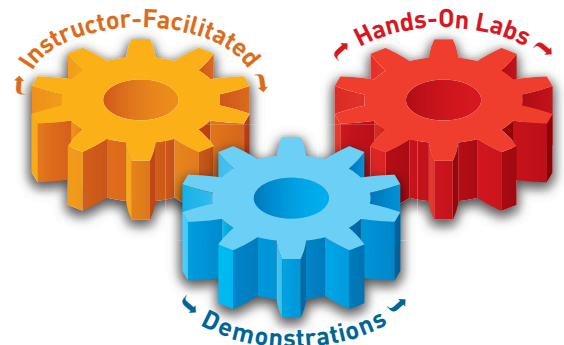
- Active/Passive
- Active/Active

Module 11 – Panorama

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

## ORDERING INFORMATION:

PART NUMBER: PAN-EDU-215



## OVERVIEW

The five-day FastTrack instructor led course will enable the student to configure and manage the entire line of Palo Alto Networks™ next-generation firewalls.

## COURSE OBJECTIVES

Students attending this foundational-level course will gain an in-depth knowledge of how to configure and manage their Palo Alto Networks firewall, including hands-on experience in configuring the security, networking, threat prevention, logging, and reporting features of the Palo Alto Networks Operation System (PAN-OS).

## SCOPE

- Course level: Foundational product configuration and management
- Course duration: 5 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.