

FIREWALL 7.1: INSTALL, CONFIGURE, AND MANAGE (EDU-201)



Overview

The Firewall 7.1: Install, Configure, and Manage three-day, instructor-led course will enable the student to install, configure, and manage the essential features of Palo Alto Networks® next-generation firewalls.

SESSIONS:

Mod 1: Platforms and Architecture

- Single-Pass Architecture
- Flow Logic

Mod 2: Initial Configuration

- Initial Access to the System
- Configuration Management
- Licensing and Software Updates
- Account Administration

Mod 3: Basic Interface Configuration

- Security Zones
- Layer 2, Layer 3, Virtual Wire, and Tap
- Subinterfaces
- DHCP
- Virtual Routers

Mod 4: Security and NAT Policies

- Security Policy Configuration
- Policy Administration
- NAT (source and destination)

Mod 5: Basic App-ID™

- App-ID Overview
- Application Groups and Filters

Mod 6: Basic Content-ID™

- Antivirus
- Anti-spyware
- Vulnerability
- URL Filtering

Mod 7: File Blocking and WildFire™

- File Blocking
- WildFire

Mod 8: Decryption

- Certificate Management
- Outbound SSL Decryption
- Inbound SSL Decryption

Mod 9: Basic User-ID™

- Enumerating Users
- Mapping Users to IP Addresses
- User-ID Agent

Mod 10: Site-to-Site VPNs

- IPSec Tunnels

Mod 11: Management and Reporting

- Dashboard
- Basic Logging
- Basic Reports
- Panorama

Mod 12: Active/Passive High Availability

- Configuring Active/Passive HA

Course Objectives

Students attending this introductory-level class will gain an in-depth knowledge of how to install, configure, and manage their firewall. They will also learn the configuration steps for the security, networking, threat prevention, logging, and reporting features of the Palo Alto Networks PAN-OS® operating system.

Scope

- **Course level:** Introductory
- **Course duration:** 3 days
- **Course format:** Combines lecture with hands-on labs
- **Platforms supported:** All Palo Alto Networks next-generation firewall models running the PAN-OS operating system

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.

Training from a Palo Alto Networks Authorized Training Center delivers the knowledge and expertise to prepare you to protect our way of life in the digital age. Our trusted security certifications give you the next-generation security platform knowledge necessary to prevent successful cyberattacks and safely enable applications.

Course Outline
Firewall 7.1: Install, Configure,
and Manage

PART NUMBER: EDU-201

4401 Great America Parkway
Santa Clara, CA 95054
Main: +1.408.753.4000
Sales: +1.866.320.4788
Support: +1.866.898.9087
www.paloaltonetworks.com

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