

# 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](http://www.paloaltonetworks.com)

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