

# Firewall 10.1 Essentials: Configuration and Management (EDU-210)

**Duration:** 5 Days

**Product Version:** PANOS 10.1

## Description

The EDU-210 course combines instructor-led training and interactive hands-on labs to build a working knowledge of how to configure and manage Palo Alto Networks® Next-Generation Firewalls. The five days of training will help to:

- Configure and manage the essential features of Palo Alto Networks Next-Generation Firewalls.
- Configure and manage Security and NAT policies to enable approved traffic to and from zones.
- Configure and manage Threat Prevention strategies to block traffic from known and unknown IP addresses, domains, and URLs.
- Monitor network traffic using the interactive web interface and firewall reports.

## Target Audience

The course includes hands-on experience configuring, managing, and monitoring a firewall in a lab environment. It is targeted at Security Administrators, Security Engineers, Security Operations Specialists, Security Analysts, and Support Staff.

Anyone planning to attend the Firewall 10.0: Improving Security Posture and Hardening PAN-OS Firewalls (EDU-214), Panorama 10.0: Manage Firewalls at Scale (EDU-220), and Firewall 10.0: Troubleshooting (EDU-330), are strongly recommended to complete this course before attending those courses.

## Prerequisite Requirements

The following is required when attending the course:

- Basic familiarity with networking concepts including routing, switching and IP addressing
- Familiarity with basic security concepts
- Experience with other security technologies (IPS, proxy, and content filtering) is a plus.

## Certification

The EDU-210 course is the recommended training for taking the Palo Alto Networks Certified Network Security Administrator (PCNSA) exam. Additionally, this course combined with the Firewall 10.0: Improving Security Posture and Hardening PAN-OS Firewalls (EDU-214) and Panorama 10.0: Manage Multiple Firewalls (EDU-220) courses are the recommended training for anyone planning on taking the Palo Alto Networks Certified Network Security Engineer (PCNSE) certification exam, or any of the Palo Alto Networks® Systems Engineer certifications.

## Course Outline

### Day 1

- Palo Alto Networks Portfolio and Architecture
- Connect to the Management Network
- Manage Firewall Configurations
- Manage Administrator Accounts

### Day 2

- Connect to Production Networks
- The Cyber Attack Lifestyle
- Block Threats Using Security and NAT Policies
- Block Packet- and Protocol-Based Attacks

### Day 3

- Block Threats from Known Bad Sources
- Block Threats by Identifying Applications
- Maintain Application-Based Policies
- Block Threats using Custom Applications

### Day 4

- Block Threats by Identifying Users
- Block Threats by Identifying Devices
- Block Unknown Threats
- Block Threats in Encrypted Traffic

### Day 5

- Prevent Stolen Credentials
- Block Threats using Security Profiles
- View Threat and Traffic Information
- Next Steps

+ Course details are subject to change