

FIREWALL 8.1: OPTIMIZING FIREWALL THREAT PREVENTION (EDU-214)



Overview

The Palo Alto Networks Firewall 8.1: Optimizing Firewall Threat Prevention (EDU-214) course is four days of instructor-led training that emphasizes the PAN-OS® threat prevention capabilities. After completing this course, you should be able to:

- Describe the cyber-attack lifecycle and recognize common forms of attack
- Describe PAN-OS® threat prevention capabilities
- Use firewall logs and reports to make better configuration decisions
- Configure the firewall to detect, block, and record threats

- **Module 1: The Cyber-Attack Lifecycle**
- **Module 2: Blocking Packet- and Protocol-Based Attacks**
- **Module 3: Blocking Threats from Known-Bad Sources**
- **Module 4: Blocking Threats Using App-ID™**
- **Module 5: Blocking Threats Using Custom Signatures**
- **Module 6: Creating Custom Threat Signatures**
- **Module 7: Blocking Threats in Encrypted Traffic**
- **Module 8: Blocking Threats in Allowed Traffic**
- **Module 9: Authenticating Firewall User Accounts**
- **Module 10: Blocking Threats from Phishing and Stolen Credentials**
- **Module 11: Viewing Threat and Traffic Information**

Course Objectives

Successful completion of this four-day, instructor-led course will enhance the student's understanding of how to better configure, manage, and monitor PAN-OS® threat prevention features. The student will get hands-on experience configuring, managing, and monitoring threat prevention features in a lab environment.

Scope

- **Course level:** Intermediate
- **Course duration:** 4 days
- **Course format:** Combines lecture and hands-on labs
- **Platform support:** Palo Alto Networks® next-generation enterprise firewalls running the PAN-OS® operating system

Target Audience

Security Engineers, Security Administrators, Security Operations Specialists, Security Analysts, Network Engineers, and Support Staff

Prerequisites

Participants must complete the Firewall 8.1 Essentials: Configuration and Management course, or have equivalent experience. Students must have a basic familiarity with networking concepts including routing, switching, and IP addressing.

Palo Alto Networks Education

Training from Palo Alto Networks® and Palo Alto Networks® Authorized Training Centers delivers knowledge and expertise that prepare you to protect our digital way of life. Our trusted security certifications validate your knowledge of the Palo Alto Networks® next-generation security platform and your ability to help prevent successful cyberattacks and safely enable applications.