The Palo Alto Networks Firewall 9.0: Optimizing Firewall Threat Prevention (EDU-114) course is eight hours of digital learning that emphasizes 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

**Course Modules**

1. The Cyber-Attack Lifecycle
2. Blocking Packet- and Protocol-Based Attacks
3. Blocking Threats from Known-Bad Sources
4. Blocking Threats Using App-ID
5. Blocking Threats Using Custom Applications
6. Creating Custom Threat Signatures
7. Blocking Threats in Encrypted Traffic
8. Blocking Threats in Allowed Traffic
9. Blocking Threats from Stolen Credentials
10. Viewing Threat and Traffic Information

**Scope**

- **Level:** Intermediate
- **Duration:** 8 hours
- **Format:** Digital learning with interactive video
- **Platform support:** Palo Alto Networks next-generation firewalls running the PAN-OS® operating system

**Objectives**

Successful completion of this eight-hour digital-learning should enhance the participant’s understanding of how to better configure, manage, and monitor PAN-OS® threat prevention features. Participants will get hands-on experience in the configuration, management, and monitoring of threat-prevention features in a lab environment.

**Target Audience**


**Prerequisites**

Participants must complete the Firewall 9.0 Essentials: Configuration and Management course or have equivalent experience. Participants must have a basic familiarity with networking concepts including routing, switching, and IP addressing.

**Palo Alto Networks Education**

The technical curriculum developed and authorized by Palo Alto Networks and delivered by Palo Alto Networks Authorized Training Partners helps provide the knowledge and expertise that prepare you to protect our digital way of life. Our trusted certifications validate your knowledge of the Palo Alto Networks Security Operating Platform and your ability to help prevent successful cyberattacks and safely enable applications.

This digital learning course is available at the Learning Center.