



PAN EDU 214 – Firewall: Optimizing Firewall Threat Prevention

4 days of training

DESCRIPTION:

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

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.

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.

COURSE OUTLINE:

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 AppID

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