

Firewall:

Optimizing Firewall Threat Prevention (EDU-214)

Overview

The Palo Alto Networks Firewall Essentials: Optimizing Firewall Threat Prevention (EDU-214) is a four-day training course that will enable you to:

- describe the cyber-attack lifecycle and Identify common forms of attack
- the PAN-OS Threat Prevention functions to apply
- Use firewall logs and reports to improve configurations
- Configure firewalls to detect, block and log threats configure threat detection and reporting

Palo Alto Networks Education

Training from Palo Alto Networks and Palo Alto Networks Authorized Training Centers provides the know-how and expertise to protect lifestyles in times of digital transformation. With the recognized security certifications, participants gain the necessary knowledge around the Next Generation Security platforms to successfully fend off cyber attacks and securely deliver applications.

Course targets

Upon successful completion of the four-day training, participants will have an understanding of how to better configure, manage, and monitor PAN-OS threat prevention functions. Course participants will gain hands-on experience configuring, managing, and monitoring threat prevention functions in a lab environment.

Scope

Level: Advanced

Duration: 4 days

Format: lectures with hands-on labs

Platforms: All Palo Alto Networks next-generation firewall models running PAN-OS

Target group

Security engineers, security administrators, security operations specialists, security analysts, network engineers and IT support

Conditions

The content of Palo Alto Networks Firewall Essentials: Configuration and Management (EDU-210) is required for this course. Additionally, you should be familiar with networking concepts, including routing, switching, and IP addressing.

Contents

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