PALO ALTO EXTENDED FIREWALL MANAGEMENT (205)

DURATION: 2 DAYS

COURSE OVERVIEW

Extended Firewall Management is the next-level follow-on course to Palo Alto Networks® Installation, Configuration, and Management (PAN-EDU-201). Extended Firewall Management expands on 201 course topics, while introducing many new features and functions of Palo Alto Networks Next-Generation firewalls.

TARGET AUDIENCE

Security Engineers, Network Engineers, and Support staff

COURSE OBJECTIVES

Successful completion of this two-day, instructor-led course will enhance the student's understanding of how to install, configure, manage, and perform basic troubleshooting on the entire line of Palo Alto Networks Next-Generation firewalls.
Additionally, students will be instructed on the basics of implementing and managing Global Protect and Active/Active High Availability. Students will gain an in-depth knowledge of how to optimize their visibility and control over applications, users, and content.

COURSE CONTENT

Module 1: Advanced Interface Config

1. Advanced NAT
2. Policy Based Forwarding
3. Routing Protocols (OSPF)

Module 2: App-ID™: Custom Apps

1. Defining new Application Signatures
2. Application Override

Module 3: Advanced Content-ID™

1. Custom Threat Signatures
2. Data Filtering
3. DoS Protection

4. Botnet Report

Module 4: Advanced User-ID™

1. Terminal Server Agent
2. Captive Portal
3. XML API

Module 5: QoS

1. Configuring Quality of Service

Module 6: Monitoring and Reporting

1. Log Forwarding
2. SNMP
3. Reporting

Module 7: Global Protect™

1. Implementation of Global Protect
2. Install and Configure Portal, Gateway, and Agents

Module 8: MSM

1. GP-100 Overview
2. Deployment Policies
3. Managing Mobile Devices

Module 9: Active/Active High Availability

1. Configuring Active/Active HA

COURSE PREREQUISITES

Completion of Firewall Installation, Configuration, and Management (201) or equivalent experience is highly recommended.
Students must have a basic familiarity with networking concepts including routing, switching, IP addressing, and basic port-based security concepts.