Firewall 10.0 Essentials: Configuration and Management (EDU-210)

The Palo Alto Networks Firewall 10.0 Essentials: Configuration and Management (EDU-210) course is five days of instructor-led training that will help you to:

- Configure and manage the essential features of Palo Alto Networks next-generation firewalls
- Configure and manage Security and NAT policies to enable approved traffic to and from zones
- Configure and manage Threat Prevention strategies to block traffic from known and unknown IP addresses, domains, and URLs
- Monitor network traffic using the interactive web interface and firewall reports

Course Modules

1 - Palo Alto Networks Portfolio and Architecture

2 - Connect to the Management Network

3 - Manage Firewall Configurations

4 - Manage Firewall Administrator Accounts

5 - Connect to Production Networks

6 - The Cyberattack Lifecycle

7 - Block Threats Using Security and NAT Policies

8 - Block Packet- and Protocol-Based Attacks

9 - Block Threats from Known Bad Sources

10 - Block Threats by Identifying Applications

11 - Maintain Application-Based Policies

12 - Block Threats Using Custom Applications

13 - Block Threats by Identifying Users

14 – Block Threats by Identifying Devices

15 - Block Unknown Threats

16 - Block Threats in Encrypted Traffic

17 - Prevent Use of Stolen Credentials

18 - Block Threats Using Security Profiles

19 - View Threat and Traffic Information

20 - Next Steps

Scope

- **Level:** Introductory
- **Duration:** 5 days
- **Format:** Lecture and hands-on labs
- **Platform support:** Palo Alto Networks next-generation firewalls running PAN-OS® operating system version 9.2

Objectives

Successful completion of this five-day, instructor-led course should enhance the student's understanding of how to configure and manage Palo Alto Networks Next-Generation Firewalls. The course includes hands-on experience configuring, managing, and monitoring a firewall in a lab environment.

Target Audience

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

Prerequisites

Students must have a basic familiarity with networking concepts including routing, switching, and IP addressing. Students also should be familiar with basic security concepts. Experience with other security technologies (IPS, proxy, and content filtering) is a plus.

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 product portfolio and your ability to help prevent successful cyberattacks and safely enable applications.