

Firewall Essentials: Configuration and Management (EDU-210)

OVERVIEW:

Palo Alto Networks next-generation firewalls are architected to safely enable applications and prevent modern threats. Their approach identifies all network traffic based on applications, users, content, and devices, and lets you express your business policies in the form of easy-to-understand security rules.

Flexible deployment options and native integration with their next-generation security platform extend the policy enforcement and cyberthreat prevention everywhere your users and data are located: in your network, on your endpoints, and in the cloud.

WHO WILL BENEFIT FROM THIS COURSE?

- Security Engineers
- Security Administrators
- Security Operations Specialists
- Security Analysts
- Support Staff

PREREQUISITIES:

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.

OBJECTIVES:

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 OUTLINE:

This class is comprised of the following modules focusing on equipping the student to configure and manage Palo Alto Networks® next-generation firewalls.

- Module 1 - Palo Alto Networks Portfolio and Architecture
- Module 2 - Connect to the Management Network
- Module 3 - Manage Firewall Configurations
- Module 4 - Manage Firewall Administrator Accounts
- Module 5 - Connect to Production Networks
- Module 6 - The Cyberattack Lifecycle
- Module 7 - Block Threats Using Security and NAT Policies

- Module 8 - Block Packet- and Protocol-Based Attacks
- Module 9 - Block Threats from Known Bad Sources
- Module 10 - Block Threats by Identifying Applications
- Module 11 - Maintain Application-Based Policies
- Module 12 - Block Threats Using Custom Applications
- Module 13 - Block Threats by Identifying Users
- Module 14 – Block Threats by Identifying Devices
- Module 15 - Block Unknown Threats
- Module 16 - Block Threats in Encrypted Traffic
- Module 17 - Prevent Use of Stolen Credentials
- Module 18 - Block Threats Using Security Profiles
- Module 19 - View Threat and Traffic Information
- Module 20 - Next Steps

SUNSET LEARNING INSTITUTE (SLI) DIFFERENTIATORS:

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience