

## Firewall: Troubleshooting (EDU-330)

### 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 to 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
- Network Engineers
- Support Staff

### PREREQUISITIES:

Participants must complete the Firewall 10.0 Essentials: Configuration and Management (EDU-210) course. Participants must have strong practical knowledge of routing and switching, IP addressing, and network security concepts, and at least six months of on-the-job experience with Palo Alto Networks® firewalls.

### OBJECTIVES:

Successful completion of this three-day, instructor-led course will enhance the participant's understanding of how to troubleshoot the full line of Palo Alto Networks Next-Generation Firewalls.

Participants will perform hands-on troubleshooting related to the configuration and operation of the Palo Alto Networks firewall. Completion of this class will help participants develop an in-depth knowledge of how to troubleshoot visibility and control over applications, users, and content.

The Palo Alto Networks Firewall 10.0: Troubleshooting course is three days of instructor-led training that will help you:

- Investigate networking issues using firewall tools including the CLI
- Follow proven troubleshooting methodologies specific to individual features
- Analyze advanced logs to resolve various real-life scenarios
- Solve advanced, scenario-based challenges

**COURSE OUTLINE:**

This class is comprised of the following modules focusing on equipping the student to develop an in-depth knowledge of how to troubleshoot visibility and control over applications, users, and content.

- Module 1 - Tools and Resources
- Module 2 - CLI Primer
- Module 3 - Flow Logic
- Module 4 - Packet Captures
- Module 5 - Packet-Diagnostics Logs
- Module 6 - Host-Inbound Traffic
- Module 7 - Transit Traffic
- Module 8 - System Services
- Module 9 - Certificate Management and SSL Decryption
- Module 10 - User-ID
- Module 11 - GlobalProtect
- Module 12 - Support Escalation and RMAs
- Module 13 - 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!



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- 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