# **Advanced Firewall Troubleshooting**

## **COURSE OUTLINE:**

### DAY 1

Module 0:	Introduction
Module 1:	Platform Overview
Module 2:	Troubleshooting Methodology
Module 3:	Tools
Module 4:	Management Plane and Data Plane Troubleshooting
Module 5:	Administration Troubleshooting
Module 6:	Network Troubleshooting
Module 7:	Policy Troubleshooting
Module 8:	High Availability Troubleshooting
Module 9:	GlobalProtect Troubleshooting
Break/Fix Labs	
ΠΔΥ 2	

#### DAY 2

Break/Fix Labs

#### DAY 3

Break/Fix Labs

ORDERING INFORMATION: PART NUMBER: PAN-EDU-311



#### **OVERVIEW**

Advanced Firewall Troubleshooting is the next-level follow-on course to Palo Alto Networks<sup>™</sup> Essentials 1: Installation, Configuration, and Management (PAN-EDU-201) and Essentials 2: Extended Firewall Manager (PAN-EDU-205).

Advanced Firewall Troubleshooting expands on the Essentials 1 and 2 course topics with hands-on troubleshooting labs.

# **COURSE OBJECTIVES**

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

Students will receive hands-on experience troubleshooting the security, networking, threat prevention, logging, and reporting features of the Palo Alto Networks Operation System (PAN-OS).

Upon completion of this class, students will have an in-depth knowledge of how to troubleshoot visibility and control over applications, users, and content.

# SCOPE

- Course level: Advanced
- Course duration: 3 Days
- Course format: Combines lecture (20%), instructor-facilitated, and hands-on labs in a workshop format.
- Platform support: PA-200 through PA-5000 series

## TARGET AUDIENCE

Security Engineers, Network Engineers, and Support staff

#### **PREREQUISITES:**

- Completion of Essentials 1: Firewall Installation, Configuration, and Management and Essentials 2: Extended Firewall Management or equivalent experience.
- Students must have a basic familiarity with networking concepts including routing, switching, IP addressing, and basic port-based security concepts and the PAN-OS CLI.



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