

COURSE OUTLINE:**Day 1**

- Module 0: Course 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 Lab

Day 2

Break/Fix Lab

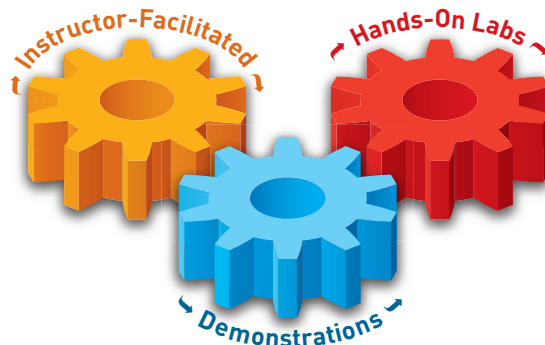
Day 3

Break/Fix Lab

ORDERING INFORMATION:

PART NUMBER: PAN-EDU-311

Advanced Firewall Troubleshooting

**OVERVIEW**

Advanced Firewall Troubleshooting is the next-level follow-on course to Palo Alto Networks® 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 OBJECTIVE

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 Operating 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 percent), instructor-facilitated, and hands-on labs in a workshop format.
- **Platform support:** All Palo Alto Networks next-generation firewall models running PAN-OS.

TARGET AUDIENCE

Security Engineers, Network Engineers, and Support staff

PREREQUISITES:

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.