

FIREWALL 8.0: DEBUG AND TROUBLESHOOT (EDU-311)



Overview

Firewall 8.0: Debug and Troubleshoot is the next-level course to Palo Alto Networks® Firewall 8.0 Essentials: Configuration and Management (EDU-210). The three-day, instructor-led Firewall 8.0: Debug and Troubleshoot course expands on the topics from the 210 course with hands-on troubleshooting labs:

- Investigate networking issues using advanced firewall tools including the CLI
- Analyze advanced logs to resolve various real-life scenarios
- Solve advanced routing scenario challenges

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| • Module 1:
Troubleshooting Methodology | • Module 6: Policy Troubleshooting |
| • Module 2: Platform Comparisons When Troubleshooting | • Module 7: User-ID™ Troubleshooting |
| • Module 3: Flow Logic | • Module 8: VPN Troubleshooting |
| • Module 4: Administration Troubleshooting | • Module 9: GlobalProtect™ Troubleshooting |
| • Module 5: Layer 3 Troubleshooting | • Module 10: Performance Troubleshooting |

Palo Alto Networks Education

Training from Palo Alto Networks® and a Palo Alto Networks® Authorized Training Center delivers the knowledge and expertise to prepare you to protect our way of life in the digital age. Our trusted security certifications give you the next-generation security platform knowledge necessary to prevent successful cyber attacks and safely enable applications.

Course Objectives

Successful completion of this three-day, instructor-led 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® PAN-OS® operating system.

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 and hands-on labs
- **Platform support:** Palo Alto Networks® next-generation enterprise firewalls running the PAN-OS® operating system

Target Audience

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

Prerequisites

Students must complete the Firewall 8.0 Essentials: Configuration and Management (EDU-210) course and have an understanding of network concepts, including routing, switching, and IP addressing. They also will need in-depth knowledge of port-based security and security technologies such as IPS, proxy, and content filtering.