

# Firewall: Troubleshooting

Course code: EDU-330

The Palo Alto Networks Firewall 9.0: 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. Please Note: This course will be delivered in half-day sessions.

## Who is the course for

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

## What we teach you

Successful completion of this three-day, instructor-led course should enhance the participant's understanding of how to troubleshoot the full line of Palo Alto Networks next-generation firewalls. Participants will have opportunities to perform hands-on troubleshooting of common problems related to the configuration and operation of the features of the Palo Alto Networks PAN-OS® operating system. Completion of this class will help participants develop an in-depth knowledge of how to troubleshoot visibility and control over applications, users, and content.

- Course level: Advanced
- Course duration: 3 days
- Course format: Lecture and hands-on labs
- Platform support: Palo Alto Networks next-generation enterprise firewalls running the PAN-OS® operating system

## Required skills

Participants must complete the Firewall 9.0 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. Palo Alto Networks Education Training from Palo Alto Networks and Palo Alto Networks Authorized Training Centers delivers knowledge and expertise that prepare you to protect our digital way of life. Our trusted security certifications validate your knowledge of the Palo Alto Networks Security Operating Platform and your ability to help prevent successful cyberattacks and safely enable applications.

## Course outline

Course Modules

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: SSL Decryption

Module 10: User-IDTM

Module 11: GlobalProtect™

Module 12: Escalation and RMAs

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