

**Palo Alto
Firewall 10.0: Improving
Security Posture and
Hardening PAN-OS
Firewalls (EDU-214)**





Course Specifics

Intended audience:

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

Format	Duration	Prerequisites
Lecture and hands-on labs	3 Days	Students must have completed the “Firewall Essentials: Configuration and Management” course. Students also should be familiar with basic security concepts. Experience with other security technologies (IPS, proxy, and content filtering) is an advantage.

Overview:

The Palo Alto Networks Firewall 10.0: Improving Security Posture and Hardening PAN-OS (EDU-214) course is three days of instructor-led training that will help you:

- Determine the efficacy of your current security policies
- Develop workflows for managing your security posture
- Identify rule usage across security policy sets
- Modify your existing policy set to implement security best practices
- Use the interactive web interface and firewall reports to monitor network traffic
- Use tools such as the BPA tool to further understand your environment



Course objectives:

Successful completion of this three-day, instructor-led course will help the student manage and maintain a Palo Alto Networks firewall-protected environment. The student will learn how to improve non-greenfield environments and will be better equipped to ensure that configurations match security best practice. The student will also be able to develop an operational strategy for maintaining a high level of compliance.

Course Modules:

- Module 1: Introduction
- Module 2: Security Profile Revision
- Module 3: Daily Operations and Maintenance
- Module 4: Establish Initial Baseline Visibility
- Module 5: Analyze and Update Security Rules that Pass Traffic
- Module 6: Inbound Security Rules Best Practices and Analysis
- Module 7: Outbound Security Rules Best Practices and Analysis
- Module 8: Internal Security Rules Best Practices and Analysis
- Module 9: Administratively Hardening PAN-OS
- Module 10: Reducing Policy Set and Simplification