

EDU-214

Firewall 10.0: Improving Security Posture and Hardening PAN-OS

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 to:

- 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.
- Monitor Network traffic using the interactive web interface and firewall reports.
- Utilize tools such as the BPA tool to further understand your environment.

Course Objectives

Successful completion of this three-day, instructor-led course will assist the student in being able to manage and maintain an existing Palo Alto Networks Firewall protected environment. The student will learn how to improve non-greenfield environments and will be better equipped at ensuring configurations match security best practice. The student will also be able to develop their own operational strategy to maintain a high level of compliance.

Scope

- Level: Intermediate
- Duration: 3 days
- Format: Lecture and hands-on labs
- Platform support: Palo Alto Networks next-generation firewalls running PAN-OS® operating system version 10.0

Target Audience

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



Prerequisites

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.

Course Contents

- Introduction
- Security Profile Revision
- Daily Operations and Maintenance
- Establish Initial Baseline Visibility
- Analyze and Update Security Rules Passing Traffic
- Inbound Security Rules Best Practices and Analysis
- Outbound Security Rules Best Practices and Analysis
- Internal Security Rules Best Practices and Analysis
- Administratively Hardening PAN-OS
- Reducing Policy set and Simplification

