COURSE OUTLINE:

Day 1

Module 0: Course Introduction

Module 1: Threat Landscape
- Palo Alto Networks Technologies
- WildFire Architecture
- Advanced Persistent Threats
- Threat Management Strategies

Module 2: Integrated Approach to Threat Protection
- Apply Best Practices
- Reduce the Attack Surface
- Control Attack Methodology

Module 3: Handling Known Threats
- Configuring Security Profiles
- Zone and DoS Protection
- Control Advance Threat Enablers
- Handling Drive-By Downloads

Day 2

Module 4: Investigating Attacks
- Threat Vault
- Wildfire Logs and Reports
- Log Correlation
- Using AppScope
- Creating Custom App-IDs

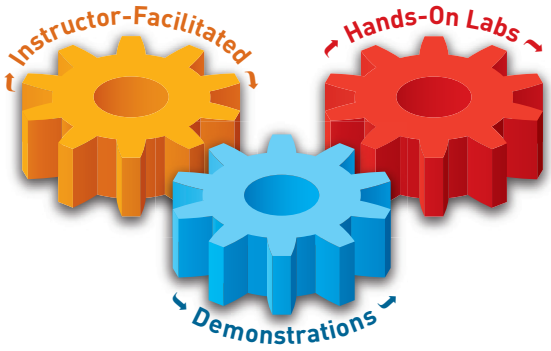
Module 5: Dealing with Zero-Day Attacks
- Researching Threat Events
- Identifying Unknown Threats
- Finding Infected Hosts

Module 6: Creating Custom Threat Signatures
- Build Custom Signatures
- Create Emerging Threat Signature

ORDERING INFORMATION:

PART NUMBER: PAN-EDU-231

Advanced Threat Management



OVERVIEW

This instructor-led course teaches strategies in defense against advanced threats. Successful completion of this course enables administrators to better understand the threat landscape. Students will learn the use of Palo Alto Networks® Next-Generation firewalls, including the WildFire™ product.

COURSE OBJECTIVES

Threat Management Course is for students who want to understand Advanced Threats and their characteristics. Students will learn how to manage advanced threats using security policies, profiles, and signatures to protect their network against emerging threats.

SCOPE

- Course level: Intermediate
- Course duration: 2 Days
- Course format: Combines lecture with hands-on labs
- Platform supported: All Palo Alto Networks next-generation firewall models

TARGET AUDIENCE

Firewall administrators, network security administrators, and technical professionals.

PREREQUISITES:

Students must complete the Firewall Essentials I (PAN-EDU-201) course and have an understanding of network concepts, including routing, switching, and IP addressing. They will also need in-depth knowledge of port-based security and security technologies such as IPX, proxy, and content filtering.

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