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HP Education Services

H0DL9S - Essentials 1 – 201: Firewall Installation, Configuration & Management



Successful completion of this three-day, instructor led course will enable the attendee to install, configure, and manage the entire line of Palo Alto Networks Next-Generation firewalls. Students attending this introductory level class will gain an in-depth knowledge of how to install, configure, and manager their firewall, as well as configuration steps for the security, networking, threat prevention, logging, and reporting features of the Palo Alto Networks Operation System (PAN-OS 5.0)

Audience

- This course is suited to Security Engineers, Network Engineers, and Support staff.

Prerequisites

- Students must have a basic familiarity with networking concepts including routing, switching, and IP addressing. Students should also be familiar with basic port-based security concepts. Experience with other security technologies (IPS, proxy, and content filtering) is a plus.

Topics Covered

Module 0 Course Overview

Module 1 Platform and Architecture

- Single Pass Architecture
- Control Plane and Data Plane
- Flow Logic

Module 2 Administration & Management

- GUI, CLI, and API
- Config Management
- PAN-OS & Software Update

Module 3 Interface Configuration

- Layer 2, Layer 3, Virtual Wire, Tap
- Sub-interfaces
- Security Zones

Module 4 Layer 3 Configuration

- Interface Management
- Service Routes
- DHCP
- Virtual Routers
- NAT (source and destination)
- IPv6 Overview

Course title:	H0DL9S - Essentials 1 – 201: Firewall Installation, Configuration & Management
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Category/Subcategory:	Palo Alto Networks
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Course length:	3 days
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Delivery language:	English
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To order:	You can register your interest for this course online at http://www.hp.com.au/education . At the site, select the course under Palo Alto Networks portfolio and you will see dates for the course. Register your interest for the date of your choice.
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Module 5 App-ID

- App-ID Process
- Security Policy Configuration
- Policy Administration

Module 6 Content-ID

- Antivirus
- Anti-spyware
- Vulnerability
- URL Filtering
- File Blocking: WildFire™
- Zone Protection

Module 7 Decryption

- SSL Inbound and Outbound



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Module 8 User-ID

- User-ID Agent
- Enumerating Users
- Mapping Users to IP
- Users in Security Policy

Module 9 VPN

- IPsec
- GlobalProtect® Overview

Module 10 High Availability

- Configuring Active/Passive HA

Module 11 Panorama

- Device Groups & Templates
- Shared Policy
- Configuration Management
- Reporting and Log Collection

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- Recognized as an IDC MarketScape leader for IT education (IDC MarketScape: Worldwide IT Education and Training 2012 Vendor Analysis, doc #232870, February 2012)
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