

# Palo Alto Networks Firewall, Installation, Configuration and Management Course



## Course Description

Prerequisites: Students must have a basic familiarity with networking concepts including routing, switching and IP addressing. Students should also be familiar with the traditional role of a firewall in network security. Experience with other security technologies (IPS, Proxy and content filtering) can be a plus.

Successful completion of this two-day, instructor led course will enable the attendee to install, configure, manage, and perform basic troubleshooting on the entire line of Palo Alto Networks next generation firewalls.

- Course level and duration: Introductory, two-day, instructor led education class
- Course format: Combines lecture (60%) and hands-on lab (40%) to maximize attendee education
- Intended audience: Network engineers, security engineers, support personnel
- Platform support: PA-4000 Series and PA-2000 Series

Students attending this class will walk away with an in-depth knowledge of how to maximize the effectiveness of the visibility and control over applications, users and content that Palo Alto Networks next generation firewalls provides.

During this introductory-level class, the instructor will lead students through the process of installing, configuring, managing and troubleshooting Palo Alto Networks next generation firewalls.

Students will be introduced to deployment scenarios and the configuration steps for the networking, security, threat prevention, reporting and logging features of PAN-OS, the security-specific operating system that controls every Palo Alto Networks next-generation firewall. Additional PAN-OS subjects include SSL decryption, Captive Portal and IPSec VPNs.

The combination of instructor lecture, how to demonstrations and hands-on lab will give students an in-depth understanding of how App-ID, User-ID and Content-ID can enable policy based visibility and control over applications, users and content.

## Course Outline

- Module 1 – Product Overview
- Module 2 – Core Concepts
- Module 3 – Deployment Options
- Module 4 - Initial Setup
- Module 5 – Device Management
- Module 6 – Blocking & Tackling (Basic Security policy creation, interface configuration, NAT policy)
- Module 7 – Advanced Blocking & Tackling (Protection Profiles, Advanced Policy options, Application override)
- Module 8 – IP Sec VPN
- Module 9 – SSL Decryption
- Module 10 - User Identification Agent
- Module 11 – High Availability
- Module 12 - Reporting

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## NCA Training Registration and Cancellation Policies

### Registration and Payment

Registration must occur no less than 14 days prior to the start date of the class. AT NCA's discretion, students are allowed to register less than 14 days with no cancellations allowed.

Payment method must be provided at the time of registration. Payment is required 14 days prior to the first day of instruction. A credit card number can be used to reserve a seat in a course while other payment arrangements are being made. Acceptable forms of payment include:

**Credit Card:** NCA Credit Card Authorization Form may be faxed to 425-453-3461 or emailed either to [trainingcenter@ncanet.com](mailto:trainingcenter@ncanet.com) or your Account Manager. Visa, MasterCard and American Express only.

**Purchase Order:** A Purchase Order may be faxed to 425-453-3461 or emailed either to [trainingcenter@ncanet.com](mailto:trainingcenter@ncanet.com) or your Account Manager. Payment must be received 14 days prior to the first day of instruction.

**Check:** Checks should be made out to Network Computing Architects, Inc. and mailed to:  
**Network Computing Architects, Inc**

ATTN: Training Center  
330 120th Avenue NE, Suite 210  
Bellevue, WA 98005

### Cancellation by Customer

Email [trainingcenter@ncanet.com](mailto:trainingcenter@ncanet.com) or call 425-451-8995 to notify NCA of cancellation. For a full refund, cancellations must be made 4 weeks prior to the start date of the class. Cancellations made 2-4 weeks prior to the start of the class are only subject to a 50% refund. Cancellations made less than 14 days before the start of the class are not subject to a refund. A customer may substitute another attendee without charge at anytime.

### Cancellation by Network Computing Architects, Inc. (NCA)

NCA reserves the right to change course schedules, modify course content, and cancel courses when necessary. A full refund or credit will be given to all registrants, however, NCA is not responsible for any associated travel expenses incurred as a result of cancellation or rescheduling.

NCA will not cancel a class due to a lack of registrants unless there are no registrations 14 days prior to the start of the class.

### Agreement

The undersigned purchaser agrees to the above conditions.

<b>Name:</b>		<b>Company:</b>	
<b>Signature:</b>		<b>Date:</b>	

NETWORK COMPUTING ARCHITECTS, INC