

## Securing Networks with PIX and ASA

**Duration: 5 Days**    **Course Code: SNPA**

### Overview:

This five day instructor led course covers the new ASA and Pix Security Appliance 7.2 features and incorporates content for the new ASA 5505 and 5550 appliances. This task-orientated course teaches the knowledge and skill needed to describe, configure, verify and manage the PIX and ASA security Appliances.

### Target Audience:

Cisco Customers, Channel Partners and System Engineers who sell, implement and maintain Cisco PIX and ASA security appliances.

### Objectives:

- Describe the general functionality of firewalls and security appliances
- Choose the most appropriate security appliance and licensing for a given scenario
- Configure the security appliance for basic network connectivity
- Perform address translation on a security appliance
- Configure security appliance access control
- Describe and configure the object grouping feature of Cisco security appliances
- Define, configure, and monitor AAA in Cisco security appliances
- Describe and configure the switching and routing functionality that your security appliance provides Describe and configure a security appliance modular policy
- Describe and configure security appliance advanced protocol handling
- Configure Cisco security appliances for VPN connectivity
- Configure security appliances for secure remote access
- Configure the Cisco security appliances to support the WebVPN feature set
- Configure Cisco security appliances to run in transparent firewall mode
- Configure the security appliance to support multiple contexts
- Implement and configure failover in a network
- Configure and monitor security appliances with ASDM
- Initialize a Cisco ASA AIP SSM and CSC SSM
- Secure and upgrade system access to the security appliance and recover from problems

### Prerequisites:

Delegates are required to meet the following prerequisites:

- CCNA certification or the equivalent knowledge
- Basic knowledge of the Windows operating system.
- Familiarity with networking and security terms and concepts.

### Testing and Certification:

Recommended as preparation for exam(s):

- 642-523 SNPA
- This course is part of the Cisco Certified Security Professional Certification and the Cisco Firewall Specialisation.

## Follow-on-Courses:

The following courses are recommended for further study:

- IPS – Implementing Cisco Intrusion Prevention Systems
- CSVN - Cisco Secure VPN
- SNRS – Securing Networks with Cisco Routers & Switches.
- SND – Securing Cisco Network Devices

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## Content:

Configuring Security Appliance Remote Access  
Using Cisco Easy VPN

- Introduction to Cisco Easy VPN
- The Cisco Easy VPN Connection Process
- Overview of Cisco Easy VPN Client
- Configuring Cisco VPN Client as Cisco Easy VPN Remote
- Working with the Cisco VPN Client
- Configuring Users and Groups
- Configuring the Cisco Easy VPN Server for Extended Authentication

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## Further Information:

For More information, or to book your course, please call us on +971 4 366 4550

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