

SNPA - Securing Networks with PIX and ASA (Formerly Known As Cisco CSPFA)

Course Description:

Securing Networks with PIX and ASA (SNPA) v5.0 is an update to SNPA v4.0, an existing five-day instructor-led course on using the Cisco ASA and PIX Security Appliance software version 7.0 to protect network systems from intrusions and security threats. The SNPA 5.0 course introduces the new ASA 5505 and 5550 and covers important new ASA and PIX Security Appliance 7.2 features, including the following: new and enhanced inspection engines for application layer protocol inspection; packet tracer; CSC-SSM; resource management for security contexts; enhanced VPN services such as SSL VPN Client and Citrix support for WebVPN. The SNPA 7.0 course takes a task-oriented approach to teaching the skills to deploy, configure, and administer the Cisco ASA and PIX Security Appliances.

Who Should Attend:

- Customer
- Employee
- Channel Partners/Resellers

Prerequisites:

Students who attend this advanced course must have experience in configuring Cisco IOS software and have met the following prerequisites:

- Certification as a CCNA or the equivalent knowledge.
- Basic knowledge of the Windows operating system.
- Familiarity with the networking and security terms and concepts (the concepts are learned in prerequisite training or by reading industry publications)

Course Modules:

Course Introduction

Cisco Security Appliance Technology and Features

Cisco Adaptive Security Appliance and PIX Security Appliance Families

Getting Started with Cisco Security Appliances

Translations and Connections

Access Control Lists and Content Filtering

Object Grouping

Authentication, Authorization, and Accounting

Switching and Routing on the ASA

The Cisco Modular Policy Framework

Advanced Protocol Handling

Virtual Private Network Configuration

Configuring Security Appliance Remote Access Using Cisco Easy VPN

Configuring ASA for WebVPN

Configuring Transparent Firewall

Configuring Security Contexts

Failover

Cisco Adaptive Security Device Manager

Getting Started with Security Services Modules

Managing the Security Appliance