Securing Networks with PIX and ASA (SNPA)

Course Content

The course takes a task-oriented approach to teaching the skills to configure, operate, and manage Cisco PIX 500 Series Security Appliances and Cisco ASA 5500 Series Adaptive Security Appliances.

Course Outline

- ❖ Course Introduction
- ❖ Cisco Security Appliance Technology and Features
- ❖ Cisco PIX Security Appliance and ASA Adaptive 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
- ❖ 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 Security Appliance Device Manager
- ❖ AIP-Security Services Module-Getting Started
- ❖ Managing Security Appliances
- ❖ Configuring PIX Security Appliance Remote Access Using Cisco Easy VPN
- ❖ Firewall Services Module

Prerequisites

- o CCNA Certification or equivalent knowledge

- o Basic knowledge of the Windows operating system

- o Familiarity with the networking and security terms and concepts (the concepts are learned in prerequisite training or by reading industry publications)