

Course Outline

Securing Networks with ASA Advanced (SNAA) v1.0

Duration: 5 days (30 hours)

Learning Objectives:

Securing Networks with ASA Advanced (SNAA) v1.0 is a new course to replace the Cisco Secure Virtual Private Networks (CSVPN) & Securing Networks with PIX and ASA (SNPA) courses. In order to cover new features in ASA software version 8.0 and to fully cover the VPN features of the ASA, the content of SNPA was split into two courses, one that covers the fundamentals and one that covers more advanced topics. Content that has been moved to SNAA includes the following: configuring the ASA 5505 dual-ISP support, configuring ASA 5505 VLANs, configuring policy NAT, installing and configuring the Cisco Secure Desktop, configuring the security appliance to pass multicast traffic, configuring Layer 7 class maps and policy maps, and initializing the AIP-SSM and CSC-SSM. SNAA also utilizes the graphical user interface instead of the command line interface for explanation and discussions of configuring the ASA. The SNAA 1.0 course takes a task-oriented approach to teaching the skills to deploy, configure, and administer the Cisco ASA using a fictional company's deployment of an ASA which is based on real world scenarios.

Prerequisites:

- SNAF (Securing Networks with ASA Fundamental)

Target Audience:

- Channel Partner / Reseller
- Customer
- Employee

Topics Covered:

- Course Introduction
- Configuring policy NAT based on traffic type.
- Describing the layer 7 modular policy framework for the security appliance and how it is configured.
- Describing the layer 7 advanced protocol handling capabilities of modular policy frame and how it is configured.
- Determining the necessary configuration for the ASA 5505 to be a VPN hardware client.
- Configuring CSD and DAP for SSL VPN connections on the Cisco ASA.
- Identifying the steps needed to configure, inspect, and filter traffic with the Content Security and Control SSM.
- Identifying the steps needed to configure the security appliance to identify, alert, and defend against attacks.