

Course Outline

Securing Cisco Network Devices (SND) v1.0

Duration: 5 days (30 hours)

Learning Objectives:

This course is an entry level network security course offered as a pre-requisite to the Cisco Qualified Specialist curriculum. It provides an opportunity to learn about a broad range of the components embedded in Cisco SAFE. Learners will recognize threats and vulnerabilities to networks and learn how to implement basic mitigation measures. The course provides an introduction to the Cisco products and solutions that form the basis of the Cisco security portfolio. Learners will be able to perform basic task to secure network devices at Layers 2 and 3 using command line interface and web-based GUIs. Devices include routers, switches, access control servers, IPS sensors and VPN Concentrators...

Target Audience:

- Channel Partner / Reseller
- Customer
- Employee

Prerequisites:

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

Topics Covered:

- Securing a Network with Cisco SAFE
- Securing the Perimeter
- Cisco Security Appliances
- Building IPSec VPNs
- Securing Networks with Host- and Networks-based IPS
- Securing Access with Cisco Secure ACS
- Managing Network Security