Course Training

Cisco Certificated Network Associated Security – CCNA Security (210-260 IINS)

Course Content

Implementing Cisco Network Security (IINS) v3.0 is a 5-day instructor-led course presented by Cisco Learning Partners to end users and channel partner customers. The course focuses on security principles and technologies, using Cisco security products to provide hands-on examples. Using instructor-led discussions, extensive hands-on lab exercises, and supplemental materials, this course allows learners to understand common security concepts, and deploy basic security techniques utilizing a variety of popular security appliances within a "real-life" network infrastructure.

Course Objectives

Upon completion of the course, students will have the knowledge and skills to:

- Describe common network security concepts
- Secure routing and switching infrastructure
- Deploy basic authentication, authorization and accounting services
- Deploy basic firewalling services
- Deploy basic site-to-site and remote access VPN services
- Describe the use of more advanced security services such as intrusion protection, content security and identity management

Course Prerequisite

It is strongly recommended, that students have the following knowledge and skills:

- Skills and knowledge equivalent to those learned in Interconnecting Cisco Networking Devices Part 1 (ICND1) and Cisco Networking Devices Part 2
- (ICND2)
- Working knowledge of the Windows operating system
- Working knowledge of Cisco IOS networking and concepts

Who should attend

- University students
- Helpdesk operators
- Candidates entering IT job market
- First-level network support staff
- System engineers

Course Outline

- Secure Cisco routers
- Implement AAA on Cisco routers using local router database and external ACS
- Mitigate threats to Cisco routers and networks using ACLs
- Implement secure network management and reporting
- Mitigate Common Layer 2 attacks
- Implement the Cisco IOS firewall feature set using SDM
- Implement the Cisco IOS IPS feature set using SDM
- Implement site-to-site VPNs on Cisco Routers using SDM