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Class Code: IINS
Number of Days: 5
Format: Instructor-Led

Implementing Cisco IOS Network Security (IINS) Version 1.0

Course Description: Implementing Cisco IOS Network Security (IINS) v1.0 is an instructor-led course presented by Cisco training partners to their end-customers. This five-day course focuses on the necessity of a comprehensive security policy and how it affect the posture of the network. Learners will be able to perform basic tasks to secure a small branch type office network using Cisco IOS security features available through web-based GUIs (Cisco Routers and Security Device Manager [SDM]) and the command-line interface (CLI) on the Cisco routers and switches.

Prerequisites: To fully benefit from this course, learners should have the following prerequisite skills and knowledge:

- Skills and knowledge equivalent to those learned in Interconnecting Cisco Networking Devices Part 1 (ICND 1).
- Working knowledge of the Windows operating system.

Delivery Method: Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Course Objectives

After completing this course the student will:

- Develop a comprehensive network security policy to counter threats against information security.
- Configure routers to the network perimeter with Cisco IOS Software security features.
- Configure a Cisco IOS zone-based firewall to perform basic security operations on a network.
- Configure site-to-site VPNs using Cisco IOS features.
- Configure IPS on Cisco network routers.
- Configure LAN devices to control access, resist attacks, shield other network devices and systems, and protect the integrity and confidentiality of network traffic.

Course Outline

- Introduction to Network Security Principles.
- Perimeter Security.
- Network Security Using Cisco IOS Firewalls.
- Site-to-Site VPNs.
- Network Security Using Cisco IOS IPS.
- LAN, SAN, Voice and Endpoint Security Overview.