

Implementing Cisco IOS Network Security v1.0 (IINS)

Vendor Course Code: IINS v1.0

Course Length: 5 days

Overview: Implementing Cisco IOS Network Security (IINS) v1.0 is an instructor-led course presented by Cisco training partners to their end-user customers. This five-day course focuses on the necessity of a comprehensive security policy and how it affects 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 Router and Security Device Manager [SDM]) and the command-line interface (CLI) on the Cisco routers and switches.

Skills Gained: Upon completing this course, the learner will be able to meet these overall objectives:

- Develop a comprehensive network security policy to counter threats against information security.
- Configure routers on 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.

Key Topics:

- Module 1: Introduction to Network Security Principles
- Module 2: Perimeter Security
- Module 3: Network Security Using Cisco IOS Firewalls
- Module 4: Site-to-Site VPNs
- Module 5: Network Security Using Cisco IOS IPS
- Module 6: LAN, SAN, Voice, and Endpoint Security Overview

Target Audience:

- IT Professionals who currently hold CCNA certification and wish to expand their skill set into the security field.
- Networking professionals who want to increase knowledge and skills to enhance network security in their environment.

Prerequisites: Candidates should hold CCNA certification or have equivalent knowledge.