course available

MODULE TITLE   :   Course IINS: Implementing Cisco IOS Network Security (IINS) v1.0

DURATION   :   5 days

Prerequisites

The knowledge and skills that a learner must have before attending this course are as follows:

· Skills and knowledge equivalent to those learned in Interconnecting Cisco Networking Devices Part 1 (ICND1).

· Working knowledge of theWindows operating system.

Course Content

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.

Course Objectives

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.

This course provides knowledge and hands-on deployment experience for Unified Contact Center Express and Unified IP IVR. Deployment tasks include planning, installation, configuration, administration, script development, agent and supervisor deployments, and troubleshooting.

IVERSON

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Course Outline

· 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

Who Should Attend

· Channel Partner / Reseller

· Customer

· Employee