



Cisco's New CCNA Concentrations



CCNA Security - Implementing Cisco IOS Network Security

Implementing Cisco IOS Network Security (IINS) v1.0 is an instructor-led course presented by 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 GUI's (Cisco Router and Security Device Manager [SDM]) and the command-line interface (CLI's) on the Cisco routers and switches.

Doelgroep

The target audience for this course is as follows:

- Network Designers
- Network Administrators
- Network Engineers
- Network Managers
- Systems Engineers

Voorkennis

Delegates must have attended the ICND1 or CCNA Basics Bootcamp training course at StarTel.

Duur

5 dagen

Certificering / traject

CCNA/CCNA Security

Examen

640-553 IINS



Cisco's New CCNA Concentrations



Onderwerpen:

Introduction to Network Security Principles

- Examining Network Security Fundamentals
- Examining Network Attack Methodologies
- Examining Operations Security
- Examining Operations Security
- Building Cisco Self-Defending Networks

Perimeter Security

- Securing Administrative Access to Cisco Routers
- Introducing Cisco SDM
- Configuring AAA on a Cisco Router Using the Local Database
- Configuring AAA on a Cisco Router to Use Cisco Secure ACS
- Implementing Secure Management and Reporting
- Locking down the Router

Network Security Using Cisco IOS Firewalls

- Introducing Firewall Technologies
- Creating Static Packet Filters Using ACL's
- Configuring Cisco IOS Zone-based Policy Firewall

Site-to-Site VPN's

- Examining Cryptographic Services
- Examining Symmetric Encryption
- Examining Cryptographic Hashes and Digital Signatures
- Examining Asymmetric Encryption and KPI
- Examining IPsec Fundamentals
- Building Site-to Site IPsec VPN
- Configuring IPsec on a Site-to Site VPN Using Cisco SDM

Network Security Using Cisco IOS IPS

- Introducing IPS Technologies
- Configuring Cisco IOS IPS Using Cisco SDM

LAN, SAN, Voice and Endpoint Security Overview

- Examining Endpoint Security
- Examining SAN Security
- Examining Voice Security
- Migrating Layer 2 Attacks