



HEROTEC

NETWORK PROFESSIONAL TRAINING

Implementing Cisco IOS Network Security (IINS) 2.0

Related Certificate	CCNA Security
Course ID	IINS
Related Exams	640-554
Audience	IT Professional
Hours	40

Overview:

CCNA Security focuses on the design, implementation, and monitoring of a comprehensive security policy. The course covers security controls as well as a functional introduction to the Cisco Adaptive Security Appliance (ASA). This course allows you to execute basic tasks to secure a small branch office network.

Objectives:

- Describe the components of a comprehensive network security policy that can be used to counter threats against IT systems, within the context of a security policy lifecycle.
- Focuses on Cisco's security technologies and all related procedures regarding Cisco devices.
- Create expertise in using the various technologies.
- Develop and implement security countermeasures.
- Deploy and maintain threat control and containment technologies for perimeter security in small and midsize networks.
- Describe secure connectivity strategies and technologies using VPNs.
- Configure site-to-site and remote access VPNs using Cisco IOS features.

Outlines:

- Describe the security threats facing modern network infrastructures
- Networking Security Fundamentals
- Secure Cisco routers
- Protecting the Network Infrastructure
- Implement AAA on Cisco routers using local router database and external ACS
- Threat Control and Containment - Secure Connectivity
- 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

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