Implementing Cisco IOS Network Security

Code:	IINS-v3.0-SUB
URL:	[View Online](#)

This is an Associate-level self-study technical course in the curriculum for the CCNA Security certification. This course allows learners to understand common security concepts, and deploy basic security techniques utilizing a variety of popular security appliances within a "real-life" network infrastructure. It focuses on security principles and technologies, using Cisco security products to provide hands-on examples.

Skills Gained

- Describe common network security concepts
- Secure routing and switching infrastructure
- Deploy basic authentication, authorization and accounting services
- Deploy basic firewalling services
- Deploy basic site-to-site and remote access VPN services
- Describe the use of more advanced security services such as intrusion protection, content security and identity management

Who Can Benefit

- Network designers
- Network, systems, and security engineers
- Network and security managers

Prerequisites

- Working knowledge of the Windows operating system
- Working knowledge of Cisco IOS networking and concepts

Course Details

Cisco Digital E-Learning benefits students in many ways, as it's:

- Effective: Covers every learning style, with HD instructor-led video, searchable transcripts, and full Student Guide textbook
- Interactive: Offers engaging Discovery Labs for hands-on learning, plus graded challenge assignments to measure progress

- Flexible: Increases learning convenience, as students can work at their own pace, anytime, anywhere

- Integrated: Provides everything in one place; no multiple systems to log into

- Unrivaled: Gives you the benefits of Cisco expertise, based on years of unmatched learning and certification experience

Other Instructional features include:

- Search, which lets students go through all the instruction guides, as well as transcripts of videos

- Lab recordings, which let students see how other students performed in labs, to improve peer learning

- Labs-at-a-glance, showing each student's complete and incomplete labs, so they can track progress and make improvements

- Compatibility with smartphones and tablets, so students can learn wherever they go, with their progress saved for them

- Synchronized learning on multiple devices, so students can switch between a laptop and a tablet without losing their place

- Gamification, with achievement badges and medals awarded for mastering content and study techniques

- Leaderboard, indicating how the top 10 students rank, to add a friendly, competitive element

- Bookmarking, which lets students flag and add notes to important concepts or areas they want to review

- Glossary that can be easily browsed, with important terms highlighted

- Social media links, so students can share their progress on Facebook, LinkedIn, or Twitter

- Certificate of completion awarded to all students who finish each course

- Topic videos, including slides and a whiteboard to illustrate important fundamentals from a specific topic or subtopic

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