



# CCNA Security

## Implementing Cisco Network Security (IINS)

### Why take CCNA Security with IT Enabler:

- Solid 5 days of blended training with 70% lab based and 30% theory based.
- Covers latest **CISCO CCNA Security Exam 210-260 IINS syllabus** requirements.
- More than sufficient tips and exam practice questions and lab sessions.
- Taught by experienced and Cisco Certified instructor.

### Prerequisite:

A valid CCENT or a valid CCNA Routing and Switching or any CCIE certification can act as a prerequisite.

### Certificate Of Attendance :

Certificate Of Attendance will be awarded to participants completing the course achieving minimum 75% attendance.

### Training Methodology & Materials:

- Blended learning with practical hands-on sessions, 70% lab-based and 30% theory-based.
- Additional and well-designed labs handouts are given to enhance further enhance the courseware given.

### Training Duration:

Full-Time : 5 weekdays or 5 Sats  
Time : 9.30am – 5.30pm

### Course Fee:

Course Fee : S\$3399  
Regn Fee : S\$50

All fees subject to prevailing GST. Course fee excludes Cisco Exam. Please call us at 6333-4843 to check on latest promotion.

### Cisco Certification Exam

This course prepares the participants for the Exam 210-260 IINS.

## DETAILED COURSE OUTLINE

### 1.0 Security Concepts

- 1.1 Common security principles
- 1.2 Common security threats
- 1.3 Cryptography concepts
- 1.4 Describe network topologies

### 2.0 Secure Access

- 2.1 Secure management
- 2.2 AAA concepts
- 2.3 802.1X authentication
- 2.4 BYOD

### 3.0 VPN

- 3.1 VPN concepts
- 3.2 Remote access VPN
- 3.3 Site-to-site VPN

### 4.0 Secure Routing and Switching

- 4.1 Security on Cisco routers
- 4.2 Securing routing protocols
- 4.3 Securing the control plane
- 4.4 Common Layer 2 attacks
- 4.5 Mitigation procedures
- 4.6 VLAN security

## 5.0 Cisco Firewall Technologies

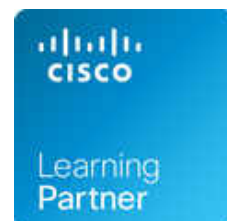
- 5.1 Describe operational strengths and weaknesses of the different firewall technologies
- 5.2 Compare stateful vs. stateless firewalls
- 5.3 Implement NAT on Cisco ASA 9.x
- 5.4 Implement zone-based firewall
- 5.5 Firewall features on the Cisco Adaptive Security Appliance (ASA) 9.x

## 6.0 IPS

- 6.1 Describe IPS deployment considerations
- 6.2 Describe IPS technologies

## 7.0 Content and Endpoint Security

- 7.1 Describe mitigation technology for email-based threats
- 7.2 Describe mitigation technology for web-based threats
- 7.3 Describe mitigation technology for endpoint threats



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