



*Training Course:*  
*CCNA Cisco Certified Network Associate*

*20 - 24 June 2027*  
*Cairo (Egypt)*

## Training Course: CCNA Cisco Certified Network Associate

Training Course code: IT234831 From: 20 - 24 June 2027 Venue: Cairo (Egypt) - Training Course Fees: 4100 € Euro

### Introduction

CCNA certification proves you have what it takes to navigate the ever-changing landscape of IT. CCNA exam covers networking fundamentals, IP services, security fundamentals, automation, and programmability. Designed for agility and versatility, CCNA validates that you have the skills required to manage and optimize today's most advanced networks.

The CCNA training course and exam give you the foundation to take your career in any direction. When you certify with Cisco, you are living proof of the standard and rigor that businesses recognize and trust to meet and exceed market demands.

### Objectives

After taking this course, you should be able to:

- Identify the components of a computer network and explain their basic characteristics
- Describe the features and functions of the Cisco IOS Software
- Explain IPv4 and IPv6 addressing scheme
- Implement basic configurations on a Cisco router
- Identify and resolve common switching and routing networking issues
- Describe network and device architectures and explain virtualization
- Describe the smart network management solutions like Cisco DNA Center, SD-Access and SD-WAN
- Outline threat defense technologies
- And many, many more aspects of a basic IPv4 and IPv6 network

### Target Audience

- Entry-level network engineer
- Network administrator
- Network support technician
- Help desk technician

## Outlines

### Day 1: Networking Fundamentals & History

A Brief History of Moving Information  
Introduction to Networking  
What Is Networking?  
Dissecting Communication  
Local and Global Addressing Introduction  
Protocols and Communication Models  
Summary

### Day 2: Network Communication Models

Network Communication Models Introduction  
Categorizing Data Transmissions  
The OSI Model  
OSI Model vs TCP/IP Model  
Summary

### Day 3: Encapsulation & OSI Deep Dive

Encapsulation Introduction  
Examining the OSI Model  
How Encapsulation Works  
Data Networks and Addressing Overview

### Day 4: IP Addressing & Practical Labs

Addressing the Network  
How Local Communication Works  
How Global Addressing Works  
IP Networks Introduction  
Demo: Examining IP Address of a Workstation  
Demo: Ping  
Demo: ipconfig /all and External Ping  
Demo: Changing IP Address

### Day 5: Cisco Certifications & CCNA Preparation

Cisco Certifications Introduction  
Cisco Certification Levels  
Exams Required  
Studying for CCNA  
Lab Equipment Overview  
Final Summary and Guidance

## Registration form on the Training Course: CCNA Cisco Certified Network Associate

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
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### Company Information

Company Name: .....  
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City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
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Telephone / Mobile: .....  
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### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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### Easy Ways To Register

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