



# Cisco Certified Networking Professional [CCNP]

## SPECIAL OFFER : 50% Discount

### Training Schedule:

**Fast Track** : 8am to 12pm [6 weeks]  
**Start Date** : 2<sup>nd</sup> Jan 2010  
**Days** : Sat to Wed

### Introduction

CCNP certification validates a network professional's ability to install, configure and troubleshoot converged local and wide area networks with 100 to 500 or more nodes. Network Professionals who achieve the CCNP have demonstrated the knowledge and skills required to manage the routers and switches that form the network core, as well as edge applications that integrate voice, wireless, and security into the network.

### Prerequisites

Candidates attending this course should have gone through the CCNA training

### Certification

This course prepares you for the following EXAMS

**642-901 Building Scalable Cisco Internetworks (BSCI)**  
**642-812 Building Cisco Multilayer Switched Networks (BCMSN)**  
**642-825 Implementing Secure Converged Wide Area Networks (ISCW)**  
**642-845 Optimizing Converged Cisco Networks (ONT)**

### Course Outline

#### Building Scalable Cisco Internetworks (BSCI)

- Introduction to Routing in an Enterprise Networks
- Configuring EIGRP
- Configuring OSPF
- The IS-IS Protocol
- Manipulating Routing Updates
- Implementing BGP
- Implementing Multicast
- Implementing the Basics of IPv6

#### Building Cisco Multilayer Switched Networks (BCMSN)

- Introduction to Campus Networks
- Defining Virtual Networks (VLANs)
- Implementing Spanning Tree
- Implementing InterVLAN Routing
- Implement High Availability in a Campus Environment
- Wireless Client Access
- Minimizing Service Loss and Data Theft in a Campus Network
- Configuring Campus Switches to Support Voice

#### Implementing Secure Converged WAN's (ISCW)

- Describe Network Requirements
- Connect Teleworks
- Implement Frame Mode MPLS
- IPsec VPNs
- Cisco Device Hardening
- Cisco IOS Threat Defense Features

#### Optimizing Converged Cisco Networks (ONT)

- Describe Network Requirements
- Describing Cisco VoIP Implementations
- Introduction to IP QoS
- Implementing the DiffServ QoS Model
- Implementing AutoQoS
- Wireless Security

\* 100% PRACTICAL ORIENTED TRAINING ON REAL ROUTERS / SWITCHES

### CONTACT:

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