



# IT GATE ACADEMY

For Limited Period

## Scholarship One hundred student IT Gate Networking Scholarship

MSSIT

Choose your scholarship now

From Cisco Academy, Juniper Networks, Novell, Microsoft

**CISCO Certified**

**MCITP Certified**

CCNA ACADEMY

MCITP  
SERVER ADMINISTRATOR



Free Cisco Exam 640-802 & Free Microsoft Exams 70-640/ 70-642 /70-646

**Cisco** Certified Network Associate  
280 Hr.



## Overview:

The Cisco CCNA Exploration curriculum provides an integrated and comprehensive Coverage of networking topics, from fundamentals to advanced applications And services, while providing opportunities for hands-on practical experience And soft-skills development. The curriculum teaches networking based on technology Covering networking concepts using a top-down, theoretical, and integrated approach From network applications to the network protocols and services provided to those Applications by the lower layers of the network

## Prerequisites:

There are no pre-requisites for this course

## Target Audience

CCNA Exploration is designed for both :

- Students with advanced problem solving and analytical skills. The curriculum offers a comprehensive and theoretical learning experience for analytical students, and uses language that aligns well with engineering concepts. Interactive activities are embedded in the curriculum, along with detailed, theoretical content. Advanced labs build critical thinking and problem solving skills and encourage exploration and research.

System Engineers who will install, operate and troubleshoot a small to medium-sized branch office Enterprise network

## Careers

- Network administrator
- Network engineer
- Network installer

# Objectives:

Here are some examples of the skills students will be able to perform after completing each course:

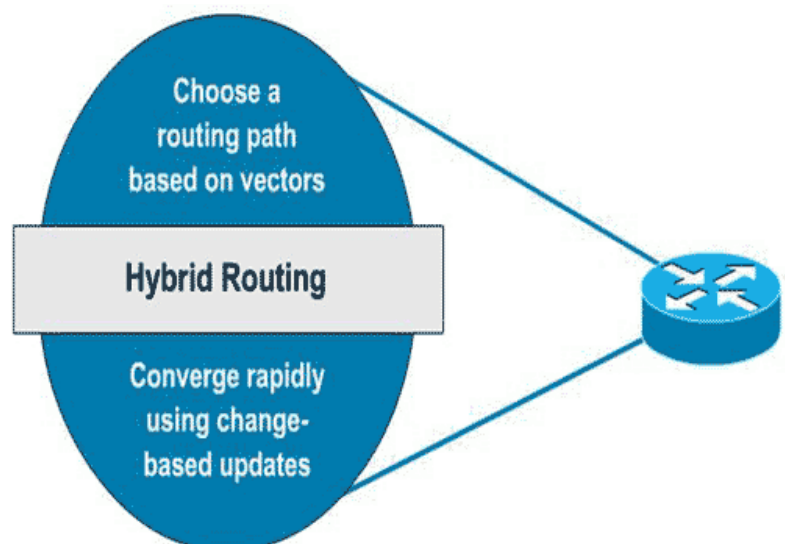
## Network Fundamentals

- Use network protocol models to explain the layers of communications in data networks
- Design, calculate, and apply subnet masks and addresses
- Build a simple Ethernet network using routers and switches
- Employ basic cabling and network designs to connect devices



## Routing Protocols and Concepts

- Configure and verify router interfaces
- Demonstrate comprehensive RIPv1 configuration skills
- Design and implement a classless IP addressing scheme for a network
- Use advanced configuration commands with routers implementing EIGRP
- Use Cisco CLI commands to perform basic router and switch configuration and verification
- Identify the characteristics of distance vector routing protocols



## LAN Switching and Wireless

- Troubleshoot common network problems at Layers 1, 2, 3, and 7 using a layered model approach
- Perform and verify initial switch configuration tasks including remote access management
- Configure, verify, and troubleshoot VLANs, interVLAN routing, VTP, trunking on Cisco switches, and RSTP operation
- Manage IOS configuration files
- Identify the basic parameters to configure a wireless network and common implementation issues



## Accessing the WAN

- Describe the impact of applications (Voice Over IP and Video Over IP) on a network
- Configure, verify, and troubleshoot DHCP and DNS operation on a router
- Verify, monitor, and troubleshoot ACLs in a network environment
- Configure and verify a basic WAN serial connection, a PPP connection between Cisco routers, and Frame Relay
- Configure and verify a PPP connection between Cisco routers, and Frame Relay on Cisco routers
- Troubleshoot WAN implementation issues



## Overview:

The Microsoft Certified IT Professional (MCITP) certification helps validate that an individual has the comprehensive set of skills necessary to perform a particular job role, such as database administrator or enterprise messaging administrator. MCITP certifications build on the technical proficiency measured in the Microsoft Certified Technology Specialist (MCTS) certifications. Therefore, you will earn one or more MCTS certifications on your way to earning an MCITP certification.

## Target Audience

The Microsoft Certified IT Professional (MCITP): Server Administrator Certification can help you develop and validate your skills in your current position or advance you toward a future job role, such as; systems administrator, IT systems manager, security administrator, systems architect, network administrator or security administrator.

## Objectives:

### FIRST:

#### Configuring and Troubleshooting Windows Server 2008 Network Infrastructure

**Duration: 5 Days Course Code: M6421**

After completing this course, students will be able to:

- Install and configure servers.
- Configure and troubleshoot DNS.
- Configure and manage WINS.
- Configure and troubleshoot DHCP.
- Configure and troubleshoot IPv6 TCP/IP.
- Configure and troubleshoot Routing and Remote Access.
- Install, configure, and troubleshoot the Network Policy Server Role service.
- Configure Network Access Protection.
- Configure IPsec.
- Monitor and troubleshoot IPsec.
- Configure and manage Distributed File System.
- Configure and manage storage technologies.
- Configure availability of network resources and content.
- Configure server security compliance.

### SECOND:

#### Configuring and Troubleshooting Windows Server 2008 Active Directory Domain Service

**Duration: 5 Days Course Code: M6425**

After completing this course, students will be able to:

After completing this course, students will be able to:  
implement and configure Active Directory domain services in their enterprise environment.

## THIRD:

# Planning and Administering Windows Server 2008 Servers

**Duration: 5 Days Course Code: M6421**

After completing this course, students will be able to:

- Plan for both Windows Server 2008 installation and upgrade from a previous version of Windows Server to Windows Server 2008
- Plan and implement network connectivity in Windows Server 2008 by using IPv4-related technologies and plan a migration strategy to IPv6
- Plan the deployment of Active Directory–related services in Windows Server 2008
- Apply the design considerations for implementing group policy
- Plan the configuration of different applications services in Windows Server 2008
- Create a plan for file and print services to meet an organisation’s printing, file storage, and access needs
- Create a plan to secure the Windows Server 2008 environment
- Create local and remote administration strategies for administering a Windows Server 2008 environment
- Create a monitoring plan for the Windows Server 2008 environment
- Create a plan that will help mitigate the effects of various disaster scenarios on the IT infrastructure
- Create a plan for using virtualization in a Windows Server 2008 environment

### Request rules:

Not less than 18 years and not greater than 35 years

Pass all exams

All education certificates are required

### Required papers

ID photo copy

Last certificate photo copy

Two personal photo

Culicalam viate (Optional)

### Features and Benefits

Trainee will have an international credited certificate direct from CISCO

Trainee will have an account on CISCO website to download the most recent tools and news, and search for available Jobs

On line test for free

Trainee will have a special discount when buying any CISCO devices

Thanks letters and gifts direct from CISCO for superiors Trainees

Invitation to participate in on line Chat about CISCO Programs and devices Evaluations. Or free Seminars

Upload your CV to be available for CISCO Partners Companies

will be on CISCO Devices not Simulation Software

Hands on Labs

Offer Career Jobs Opportunities

## For more information please visit:

[cisco.netacad.net](http://cisco.netacad.net)

[www.itgateacademy.com](http://www.itgateacademy.com)

[http://www.cisco.com/web/learning/netacad/get\\_involved/BecomeAStudent.html](http://www.cisco.com/web/learning/netacad/get_involved/BecomeAStudent.html)

## For registration

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