

En este curso, usted aprenderá los fundamentos de networking, Routing, Switching, Direccionamiento IPv4 e IPv6 y Servicios IPv4, mediante la obtención de la Cisco Certified Entry Network Technician (CCENT)  
Nuestra primera parte del Training CCNA Routing And Switching incluye mejoras en el contenido con la finalidad de aprobar con satisfacción el examen de certificación CCNA 100-105 examen ICND1

## CONTENIDO

### Networking Fundamentals

- Introduction to TCP/IP Networking
- Fundamentals of Ethernet LANs
- Fundamentals of WANs
- Fundamentals of IPv4 Addressing and Routing
- Fundamentals of TCP/IP Transport and Applications

### Implementing Basic Ethernet LANs

- Using the Command-Line Interface
- Analyzing Ethernet LAN Switching
- Configuring Basic Switch Management
- Configuring Switch interfaces

### Ethernet LANs Design, VLANs and Troubleshooting

- Analyzing Ethernet LAN Designs
- Analyzing Ethernet LAN Switching
- Implementing Ethernet Virtual LANs
- Troubleshooting Ethernet LANs

### Implementing IP Version 4

- Perspectives on IPv4 Subnetting
- Analyzing Classful IPv4 Networks
- Analyzing Subnet Masks
- Troubleshooting Ethernet LANs

### Implementing IPv4

- Operating Cisco Routers
- Configuring IPv4 Addresses and Static Routes
- Learning IPv4 Routes with RIPv2
- DHCP and IP Networking on hosts

### Design and Troubleshooting

- Subnet Design
- Variable-Length Subnet Masks
- IPv4 Troubleshooting Tools
- Troubleshooting IPv4 Routing

### IPv4 Services ACLs and NAT

- Basic IPv4 Access Control Lists (ACL)
- Advanced IPv4 ACL
- Network Address Translation (NAT)

### IP version 6 Networking Fundamentals

- Fundamentals of IP version 6
- IPv6 Addressing and Subnetting
- Implementing IPv6 Addressing on Routers
- Implementing IPv6 Addressing on Hosts
- Implementing IPv6 Routing

### Network Device Management

- Device Management Protocols
- Device Security Features
- Managing IOS Files
- IOS License Management

## QUIEN DEBE ASISTIR

Gerentes de Centros de Cómputo, Administradores de Redes y personas interesadas en conocer a fondo cómo administrar la seguridad de sus redes.

## PRE-REQUISITOS

Conocimientos básicos sobre TCP/IP. Traer Laptop.

## INFORMACION ADICIONAL

El curso incluye Materiales, Uso de Laboratorio, Coffee Break, Diploma de Participación.

*“If you think Education is expensive, try Ignorance”*



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