

# BootCamp CCNA Certification

**Cisco Exam: 640-802**  
**5 Day Course**  
**Locations: Mex, D.F.**  
**Date:**

## Who Needs to Attend

Network technicians who configure and support internetworks;  
Individuals seeking CCNA certification;  
Management and salespeople who need a working knowledge of modern networking.

## Certification Programs and Certificate Tracks

This course is part of the following programs or tracks:

[CCNA - Cisco Certified Network Associate](#)

[CCENT - Cisco Certified Entry Network Technician](#)

[CCNA Security](#)

[CCNA Wireless](#)



With just four days of tough boot camp training, you can prepare for Cisco Certified Network Associate.

A CCNA will have the ability to install, configure, and operate simple-routed LAN, routed WAN, and switched LAN networks. A single exam must be passed to attain this certification. A CCNA will have the ability to install, configure, and operate simple-routed LAN, routed WAN, and switched LAN networks. A single exam must be passed to attain this certification.

## CCNA BootCamp training covers:

### CCNA Training Course

- Planning & Designing
- Design a simple LAN using Cisco Technology
- Design an IP addressing scheme to meet design requirements
- Select an appropriate routing protocol based on user requirements
- Design a simple internet work using Cisco technology
- Develop an access list to meet user specifications
- Choose WAN services to meet customer requirements

### Implementation & Operation

- Configure routing protocols given user requirements
- Configure IP addresses, subnet masks, and gateway addresses on routers and hosts
- Configure a router for additional administrative functionality
- Configure a switch with VLANs and inter-switch communication
- Implement a LAN
- Customize a switch configuration to meet specified network requirements
- Manage system image and device configuration files
- Perform an initial configuration on a router
- Perform an initial configuration on a switch
- Implement access lists
- Implement simple WAN protocols

### Troubleshooting

- Utilize the OSI model as a guide for systematic network troubleshooting
- Perform LAN and VLAN troubleshooting
- Troubleshoot routing protocols
- Troubleshoot IP addressing and host configuration
- Troubleshoot a device as part of a working network
- Troubleshoot an access list
- Perform simple WAN troubleshooting

### Technology

- Describe network communications using layered models
- Describe the Spanning Tree process
- Compare and contrast key characteristics of LAN environments
- Evaluate the characteristics of routing protocols
- Evaluate TCP/IP communication process and its associated protocols
- Describe the components of network devices
- Evaluate rules for packet control
- Evaluate key characteristics of WAN's

