



11301 US Hwy 301 Suite 104
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CCNA - Routing and Switching

Cisco Certified Network Associate

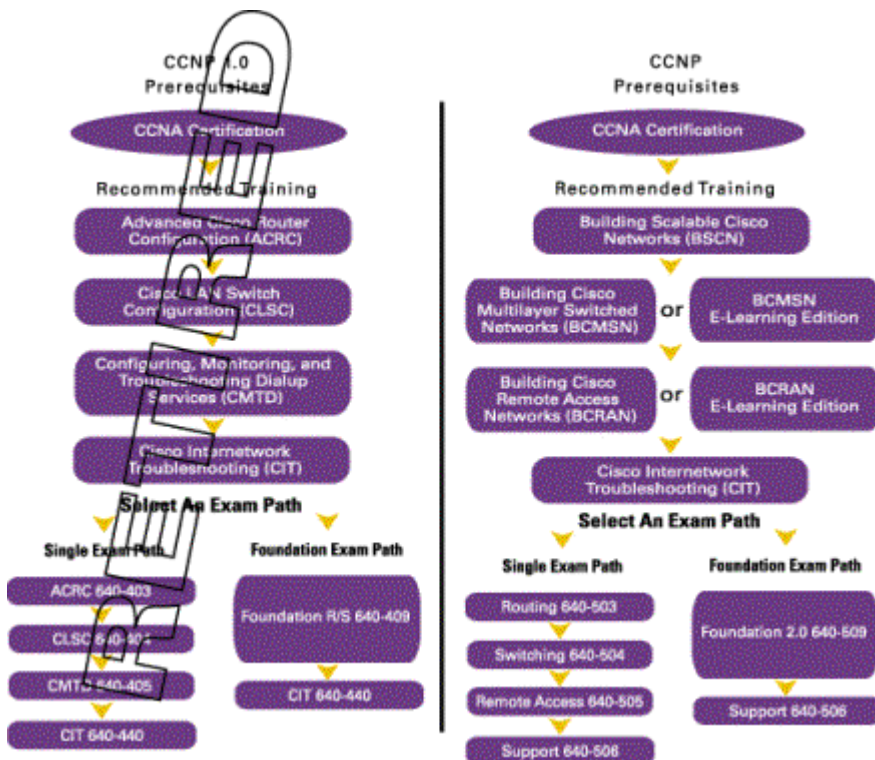
Now more than ever, employers need highly trained networking experts who can keep up with the latest technologies and maximize performance while keeping the network up and cost down. By earning your CCNA Certification - step one in Cisco's Routing and Switching Network Support Track - you can help meet these needs and get your career on the fast track.

ABOUT THE COURSE:

CCNA Certification Training is a 10 evening hands-on training experience that will teach you how to configure, troubleshoot, and perform maintenance on Cisco Routers. During the course, you will learn how to reduce downtime due to networking problems, address network security issues, and make sure your routed network is on-line and functioning properly.

HANDS-ON TRAINING:

Knowledge Quest presents you with the concepts and commands you need to configure Cisco routers in multi-protocol internetworks. During the course, you will build a Cisco network from the ground up. This experience, combined with lectures, discussions, exercises and challenging labs, will give you the hands-on experience you need to configure and maintain Cisco routers in the real world.





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What do I need to become CCNA certified?

To achieve your CCNA certification, you must now take the CCNA exam #640-507.

Why are certification exams retired?

Cisco has updated the courses to keep current with technology changes and retired the corresponding CCNA exam #640-407 on July 31, 2000.

CCNA Certification skills:

Install, configure, and operate simple-routed LAN, routed WAN, and switched LAN networks.

What defines "simple" networks:

IP, IGRP, IPX, Serial, AppleTalk, Frame Relay, IP RIP, VLANs, IPX RIP, Ethernet, Access Lists.

Examples of types of solutions that a CCNA will be able to offer based on a combination of training and real-world experience:

- Install and/or configure a network
- Optimize WAN through Internet access solutions that reduce bandwidth and reduces WAN costs using features such as Filtering with Access Lists, Bandwidth on Demand (BOD), and Dial on demand routing (DDR)
- Provide remote access by integrating dial-up connectivity with traditional, remote LAN-to-LAN access, as well as supporting the higher levels of performance required for new applications such as Internet commerce, multimedia, etc.

The CCNA exam is part of the CCNA, CCNP & CCDP career certification track.

The topic areas listed in this outline are general guidelines for the type of content that is likely to appear on the exam. However, please be advised that other relevant or related topic areas may also appear.

The CCNA (640-507) exam will contain a combination of the following topics:

1) Bridging/Switching

Static VLANS
Spantree
Switching modes/methods
PPP

2) OSI Reference Model & Layered Communication

Layer Definitions
Encapsulation/Decapsulation
Layer Functions
Connection Oriented Models
Connectionless Models
Model Benefits



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3) Network Protocols

TCP/IP

Novell IPX

