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CCNA

Course Guide

Cisco Certified Network Associate (CCNA) Routing and Switching is a certification program for entry-level network engineers that helps maximize your investment in foundational networking knowledge and increase the value of your employer's network.

CCNA Routing and Switching is for Network Specialists, Network Administrators, and Network Support Engineers with 1-3 years of experience.

Cisco is globally accepted exam
The Cisco exams are trusted and accepted by leading employers, educational institutions and governments worldwide.

For a details of this market-leading exams, go to
http://www.cisco.com/web/learning/certifications/associate/ccna/index.html

CCNA Course Objectives

The CCNA Routing and Switching validates the ability to install, configure, operate, and troubleshoot medium-size routed and switched networks.

- Describe network fundamentals and build simple LANs
- Establish Internet connectivity
- Manage network device security
- Describe IPv6 basics
- Troubleshoot VLAN issues, explain how STP works, configure EtherChannel, and understand the idea behind Layer 3 redundancy
- Troubleshoot IP connectivity
- Define the characteristics, functions, and components of a WAN Configure and troubleshoot EIGRP in an IPv4 environment, and configure EIGRP for IPv6
- Configure, verify, and troubleshoot multi-area OSPF
- Describe SNMP, syslog and NetFlow, and manage Cisco device configurations, IOS images, and licenses

CCNA Course Outline

- Building a Simple Network
- Establishing Internet Connectivity
- Managing Network Device Security
- Introducing IPv6 Building a Medium-Sized Network
- Troubleshooting Basic Connectivity Wide Area Networks
- Implementing an EIGRP-Based Solution
- Implementing a Scalable OSPF-Based Solution Network Device Management

Practical Approach

- A real-time examples will be given throughout the lectures, starting from design, analysis, implementation and maintenance of network.

- www.ict-trainings.com/curriculum/ccna-leaflet.pdf