



CISCO | CERTIFIED NETWORK ASSOCIATE FAST TRACK PROGRAM

Summary

This program prepares networking professionals to enhance skills in Cisco networking environment and master required materials of CCNA (Cisco Certified Network Associate) certification. The program combine official (Interconnecting Cisco Network Devices) course, Internetworking Concept-INC course, CCNA Pre-exam Guide and VUE CCNA test.

Goal

- A. Use Cisco software to identify addresses, protocols, and connectivity status in a network containing multiple interconnected Cisco devices.
- B. Interconnect Cisco switches and routers according to given network design specification.
- C. Configure Cisco switches and routers to support a specified list of protocols and technologies.
- D. Verify that Cisco switches and routers, as well as their configured network services and protocols, operate as intended within a given network specification.
- E. At the last day of training session (Day 7th) you'll get CCNA certification!

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Platform: Cisco Devices
Software: HyperTerminal & Router IOS
Program Duration:
Seven (7) Days : 9 AM - 3 PM or
Seven (7) Days : 5 PM - 10 PM

COURSE FEE

Fee includes : Training, Modules, Training Certification, Test King, Router Simulator, CCNA Exam (VUE Test Center).

FACILITIES

Cisco Router 2600, Cisco Router 2500, Cisco Switch 2900, Cisco Switch 1900, 1 pc for 1 participant, and easy transportation access.

Contact Us :



Contact Person : Sumiyati / Abdulloh
Phone/Fax : 021-8312391 / 021-47866315
Email : jobitcom@jobitcom.com
Website : http://jobitcom.com
Venue : Diklat Jiwasraya, Jl. Minangkabau Manggarai, Jakarta Selatan

Bridging/Switching

- a. Name and describe two switching methods.
- b. Distinguish between cut-through and store-and-forward LAN switching.
- c. Describe the benefits of virtual LANs.

OSI Reference Model & Layered Communications

- a. OSI Reference Model & Layered Communications
- b. Describe data link and network addresses and identify key differences between them.
- c. Define and describe the function of the MAC address.
- d. Define and explain the five conversion steps of data

Network Protocols

- a. Describe the different classes of IP addresses (and sub netting).
- b. List the required IPX address and encapsulation type.

Routing

- a. Define flow control and describe the three basic methods used in networking.

- b. Add the RIP routing protocol to your configuration.
- c. Add the IGRP routing protocol to your configuration.

WAN Protocols

- a. Recognize key Frame Relay terms and features.
- b. Managing Users
- c. Describe the benefits of network segmentation with routers.

Network Management

- a. Configure standard access lists to figure IP traffic.
- b. Monitor and verify selected
- c. access list operations on the router.

LAN Design

- a. Describe full- and half-duplex Ethernet operation.
- b. Describe the guidelines and distance limitations of Fast Ethernet.

Cisco Basics, IOS & Network Basics

Examine router elements. Prepare the initial configuration of your router and enable IP.