



CCNA 4—WAN Technologies

During the Cisco® Networking Academy® CCNA 4 course administered by the undersigned instructor, the student was able to proficiently:

Sylvain Jetzer

Student's Name

July 20, 2007

Date

Lhomme, Didier

Instructor

D&FI SA

Academy Name

Geneva

Location

Instructor's Signature

- Describe the concepts and characteristics of Network Address Translation, and explain its configuration, use, and administration on a network
- Describe the concepts and characteristics of the Dynamic Host Configuration Protocol (DHCP), and explain its configuration, use, and administration on a network
- Describe, compare, and contrast the essential features of WAN technology
- Classify WAN link options and explain the differences between circuit-switched and packet-switched technologies
- Make recommendations about provisioning of WAN services based on the network needs of the customer
- Design a simple WAN system using a hierarchical layered approach to the design
- Describe the operation, configuration, and functionality of serial point-to-point links
- Configure and administer serial point-to-point links
- Describe the concepts, characteristics, and functionality of the Point to Point Protocol (PPP)
- Configure and administer PPP on a serial link
- Describe the concepts, characteristics, and functionality of ISDN
- Configure and administer a router ISDN interface
- Describe the concepts, characteristics, and functionality of Dial-on-Demand Routing (DDR)
- Configure and administer DDR in a network
- Describe the concepts, characteristics, and functionality of Frame Relay
- Configure and administer Frame Relay using PVCs
- Describe, compare, and contrast workstation and server operating systems and the associated hardware
- Describe the concepts of network management, and explain how network management tools are used on a modern network