



CCNA Exploration: Network Fundamentals

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

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| <ul style="list-style-type: none">▪ Explain how communication works in data networks and the Internet▪ Recognize the devices and services that are used to support communications across an internetwork▪ Explain the role of protocols in data networks▪ Describe the importance of addressing and naming schemes at various layers of data networks▪ Describe the protocols and services provided by the application layer in the OSI model and describe how this layer operates in sample networks▪ Analyze the operations and features of the transport layer protocols and services | <ul style="list-style-type: none">▪ Analyze the operations and features of the network layer protocols and services and explain the fundamental concepts of routing▪ Design, calculate, and apply subnet masks▪ Describe the operation of protocols at the data link layer▪ Explain the role of physical layer protocols and services▪ Build a simple Ethernet network using routers and switches▪ Use Cisco CLI commands to perform basic router and switch configuration and verification |
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Location	_____
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Instructor	_____

June 30, 2009

Date

Instructor Signature

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