Part - 1

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706

Direct: 408 526 4000
FAX: 408 526 4100
www.cisco.com

Oct 6, 2013

Dear Mazba Uddin

Congratulations on completing the Cisco® **CCNA Exploration: Network Fundamentals** course as part of the Cisco Networking Academy® program. This hands-on, lab-oriented course has prepared you for exciting career opportunities in the technology industry.

By completing this course you have earned a Certificate of Completion for CCNA Exploration: Network Fundamentals and acquired competencies that include the following:

- 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
- 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 OSI 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

Technological literacy is more important today than ever before, and Cisco is proud to provide you with the knowledge and skills necessary to build and maintain computers.

Please accept my best wishes for your continued success.
Sincerely,

John Chambers

John T. Chambers
Chairman and Chief Executive Officer

Cisco Networking Academy®

Mind Wide Open™

Certificate of Course Completion

CCNA Exploration: Network Fundamentals

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

- 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
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- Build a simple Ethernet network using routers and switches
- Use Cisco® CLI commands to perform basic router and switch configuration and verification

Mazba Uddin

Student

Shahjalal University of Science and Technology (SUST)

Academy Name

Bangladesh

Location

Mar 11, 2013

Date

Md. Eamin Rahman

Instructor

Eamin

Instructor Signature

Part - 2

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706

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www.cisco.com

Nov 17, 2013

Dear Mazba Uddin

Congratulations on completing the Cisco® **CCNA Exploration: LAN Switching and Wireless** course as part of the Cisco Networking Academy® program. This hands-on, lab-oriented course has prepared you for exciting career opportunities in the technology industry.

By completing this course you have earned a Certificate of Completion for CCNA Exploration: LAN Switching and Wireless and acquired competencies that include the following:

- Explain basic switching concepts and the operation and configuration of Cisco switches
- Describe enhanced switching technologies such as VLANs, VLAN Trunking Protocol (VTP), Rapid Spanning Tree Protocol (RSTP), Per VLAN Spanning Tree Protocol (PVSTP), and 802.1q
- Identify and describe the purpose of the components in a small wireless network, such as Service Set Identification (SSID), Basic Service Set (BSS), and Extended Service Set (ESS)
- Configure, verify, and troubleshoot VLANs, trunking on Cisco switches, interVLAN routing, VTP, and RSTP
- Identify, prescribe, and resolve common switched network media issues, configuration issues, autonegotiation, and switch hardware failures

Technological literacy is more important today than ever before, and Cisco is proud to provide you with the knowledge and skills necessary to build and maintain computers.

Please accept my best wishes for your continued success.
Sincerely,

John Chamb

John T. Chambers
Chairman and Chief Executive Officer

Cisco Networking Academy®

Mind Wide Open™

Certificate of Course Completion

CCNA Exploration: LAN Switching and Wireless

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

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- Describe enhanced switching technologies such as VLANs, VLAN Trunking Protocol (VTP), Rapid Spanning Tree Protocol (RSTP), Per VLAN Spanning Tree Protocol (PVSTP), and 802.1q
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- Identify, prescribe, and resolve common switched network media issues, configuration issues, auto negotiation, and switch hardware failures

Mazba Uddin
Student

Shahjalal University of Science and Technology (SUST)
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Bangladesh
Location

Nov 17, 2013
Date

Md. Khairullah
Instructor


Instructor Signature

Part - 3

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706

Direct: 408 526 4000
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www.cisco.com

Nov 19, 2013

Dear Mazba Uddin

Congratulations on completing the Cisco® **CCNA Exploration: Routing Protocols and Concepts** course as part of the Cisco Networking Academy® program. This hands-on, lab-oriented course has prepared you for exciting career opportunities in the technology industry.

By completing this course you have earned a Certificate of Completion for CCNA Exploration: Routing Protocols and Concepts and acquired competencies that include the following:

- Describe the purpose, nature, and operations of a router and routing tables
- Describe, configure, and certify router interfaces
- Explain the purpose and procedure for configuring static route
- Identify the characteristics of distance vector routing protocols
- Describe the network discovery process of distance vector routing protocols using Routing Information Protocol (RIP)
- Describe the functions, characteristics, and operations of the RIPv1 protocol
- Compare and contrast classful and classless IP addressing
- Describe classful and classless routing behaviors in routed networks
- Design and implement a classless IP addressing scheme for a given network
- Demonstrate comprehensive RIPv1 configuration skills
- Describe the main features and operations of the Enhanced Interior Gateway Routing Protocol (EIGRP)
- Describe the basic features and concepts of link-state routing protocols
- Describe the purpose, nature, and operations of the Open Shortest Path First (OSPF) protocol

Technological literacy is more important today than ever before, and Cisco is proud to provide you with the knowledge and skills necessary to build and maintain computers.

Please accept my best wishes for your continued success.
Sincerely,

John Chambers

John T. Chambers
Chairman and Chief Executive Officer

Cisco Networking Academy®

Mind Wide Open™

Certificate of Course Completion

CCNA Exploration: Routing Protocols and Concepts

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

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- Describe, configure and certify router interfaces
- Explain the purpose and procedure for configuring static routes
- Identify the characteristics of distance vector routing protocols
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Mazba Uddin

Student

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Nov 19, 2013

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Part - 4

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Mar 3, 2014

Dear Mazba Uddin

Congratulations on completing the Cisco® **CCNA Exploration: Accessing the WAN** course as part of the Cisco Networking Academy® program. This hands-on, lab-oriented course has prepared you for exciting career opportunities in the technology industry.

By completing this course you have earned a Certificate of Completion for CCNA Exploration: Accessing the WAN and acquired competencies that include the following:

- Describe the impact of Voice Over IP and Video Over IP applications on a network
- Describe the components required for network and Internet communications
- Implement basic switch security measures such as port security, trunk access, and management VLANs
- Configure, verify, and troubleshoot DHCP and DNS operations on a router
- Describe the functions of common security appliances and applications
- Describe, configure, apply, monitor, and troubleshoot Access Control Lists based on network requirements
- Explain, configure, verify, and troubleshoot Network Address Translation (NAT) for given network requirements
- Configure and verify basic WAN serial connections including serial, Point-to-Point, and Frame Relay
- Describe the importance, benefits, role, impact, and components of VPN technology
- Describe recommended security practices to secure network devices

Technological literacy is more important today than ever before, and Cisco is proud to provide you with the knowledge and skills necessary to build and maintain computers.

Please accept my best wishes for your continued success.
Sincerely,

John Chambers

John T. Chambers
Chairman and Chief Executive Officer

Cisco Networking Academy®

Mind Wide Open™

Certificate of Course Completion

CCNA Exploration: Accessing the WAN

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

- Describe the impact of Voice Over IP and Video Over IP applications on a network
- Describe the components required for network and Internet communications
- Implement basic switch security measures such as port security, trunk access, and management VLANs
- Configure, verify, and troubleshoot DHCP and DNS operations on a router
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- Describe the importance, benefits, role, impact, and components of VPN technology
- Describe recommended security practices to secure network devices

Mazba Uddin
Student

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Bangladesh
Location

Mar 3, 2014
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