CCNAv7: Enterprise Networking, Security, and Automation

The student has successfully achieved student level credential for completing CCNAv7: Enterprise Networking, Security, and Automation course administered by the undersigned instructor. The student was able to proficiently:

- Configure single-area OSPFv2 in both point-to-point and multiaccess networks.
- Explain how to mitigate threats and enhance network security using access control lists and security best practices.
- Implement standard IPv4 ACLs to filter traffic and secure administrative access.
- Configure NAT services on the edge router to provide IPv4 address scalability.

- Explain techniques to provide address scalability and secure remote access for WANs.
- Explain how to optimize, monitor, and troubleshoot scalable network architectures.
- Explain how networking devices implement QoS.
- Implement protocols to manage the network.
- Explain how technologies such as virtualization, software defined networking, and automation affect evolving networks.

Roger Moughames

Student

KNOWLEDGEBOX

Academy Name

Lebanon

Location

9 Sep 2023

Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy

Get Connected

For completing the Cisco Networking Academy® Get Connected course, and demonstrating the ability to do the following:

- Identify different types of computer systems, internal components and external devices.
- Understand the structure of the directories in Microsoft Windows, and how to work with files and folders using a text editor.
- Understand computer networks, as well as browse and search the Internet, and use email.

- Create and use various types of social media accounts, including Facebook, LinkedIn and YouTube.
- Identify common problems and implement simple solutions for hardware, software and networks.

Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy

Roger Moughames

Studente

26 Jul 2022

Data

CISCO Networking Academy

Certificate of Course Completion

Roger Joseph Moughames

has successfully achieved student level credential for completing the Networking Essentials course.

The student was able to proficiently:

- Explain how end-user devices and local networks interact with the global Internet.
- Explain the requirements for network connectivity.
- Build a small network using an integrated network router.
- Explain the importance of IP addressing.
- Explain how the protocols of the TCP/IP suite enable network communication.
- Configure an integrated wireless router and wireless clients to connect securely to the Internet.
- Configure basic network security and build a simple computer network using Cisco devices.
- Troubleshoot common network issues found in home and small business networks.

CISCO Networking Academy
Verified
Networking Essentials

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

March 30, 2024

Google

Aug 26, 2022

ROGER MOUGHAMES

has successfully completed

Technical Support Fundamentals

an online non-credit course authorized by Google and offered through Coursera

Google

Google

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CISCO™

Corporate
Social
Responsibility

Certificate of Course Completion

Cisco Networking Academy

CCNAv7: Introduction to Networks

The student has successfully achieved student level credential for completing CCNAv7: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.

- Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices
- Explain how the upper layers of the OSI model support network applications.
- Configure a small network with security best practices.
- Troubleshoot connectivity in a small network.
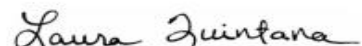
Roger Moughames

Student

KNOWLEDGEBOX

Academy Name

Lebanon

Location

31 Oct 2022

Date

Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy

CCNAv7: Switching, Routing, and Wireless Essentials

The student has successfully achieved student level credential for completing CCNAv7: Switching, Routing, and Wireless Essentials course administered by the undersigned instructor. The student was able to proficiently:

- Configure VLANs and Inter-VLAN routing applying security best practices.
- Troubleshoot inter-VLAN routing on Layer 3 devices.
- Configure redundancy on a switched network using STP and EtherChannel.
- Troubleshoot EtherChannel on switched networks.

- Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.
- Configure dynamic address allocation in IPv6 networks.
- Configure WLANs using a WLC and L2 security best practices.
- Configure switch security to mitigate LAN attacks.
- Configure IPv4 and IPv6 static routing on routers.

Roger Moughames

Student

KNOWLEDGEBOX

Academy Name

Lebanon

Location

7 Oct 2022

Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy

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CISCO Academy

Certificate of Course Completion

Roger Joseph Moughames

has successfully achieved student level credential for completing
the **Introduction to Cybersecurity** course.

The student was able to proficiently:

- Explain the basics of being safe online, including what cybersecurity is and its potential impact.
- Explain the most common cyber threats, attacks, and vulnerabilities.
- Explain how to protect oneself while online.
- Explain how organizations can protect their operations against these attacks.
- Access a variety of information and resources to explore the different career options in cybersecurity.

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

March 29, 2024

Corporate
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Certificate of Course Completion

Cisco Networking Academy

IT Essentials

The student has successfully achieved student level credential for completing IT Essentials course administered by the undersigned instructor. The student was able to proficiently:

- Select and install the appropriate computer components to build, repair, or upgrade personal computers.
- Demonstrate safe lab procedures.
- Appropriate use of tools to perform preventive maintenance and troubleshooting on personal computers.
- Perform installation, repair, maintenance, and troubleshooting of Windows operating systems.
- Explain the operation of local area networks and configure devices to connect to LANs and the Internet.

- Configure devices to connect to the Internet and Cloud services.
- Explain how to configure, repair, upgrade, maintain, and troubleshoot laptops and mobile devices.
- Explain how to configure, secure and troubleshoot mobile, OS X, and Linux operating systems.
- Install and share a printer to meet requirements.
- Implement basic host, data, and network security.
- Explain the roles and responsibilities of the IT professional.

Roger Moughames

Student

KNOWLEDGEBOX

Academy Name

Lebanon

Location

17 Jan 2024

Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy

cisco Networking Academy

Certificate of Course Completion

Roger Joseph Moughames

has successfully achieved student level credential for completing the **Cybersecurity Essentials** course.

The student was able to proficiently:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

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Cybersecurity Essentials

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

March 29, 2024