FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

MINISTRY OF SCIENCE AND HIGHER EDUCATION

CISCO

ASSOSA UNIVERSITY

CERTIFICATE OF COMPILATION

THIS IS TO CERTIFY THAT

NATNAEL SISAY

Has successfully completed the following courses of CISCO Certified Network Associate (CCNA) Routing and Switching training program given at Assosa University CISCO Networking Academy

CCNAv7: Introduction to Networks	**70Hrs**
CCNAv7: Switching, Routing, and Wireless Essentials	**70Hrs**
CCNAv7: Enterprise Networking, Security, and Automation	**70Hrs**

Given on June 2024

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Genene Abera Mul...
ICT Directorate

_____
Vice President for Academic Affairs

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.

Natnael Sisay

Student

Assosa University

Academy Name

Ethiopia

Location

25 Mar 2024

Date

Dawit Milkiyas

Instructor

Instructor Signature

Certificate of Course Completion

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.

Natnael Sisay

Student

Assosa University

Academy Name

Ethiopia

Location

30 Apr 2024

Date

Dawit Milkiyas

Instructor

Instructor Signature

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.

Natnael Sisay

Student

Assosa University

Academy Name

Ethiopia

Location

5 Jun 2024

Date

Azeze Kafa

Instructor

Instructor Signature