

Eliau Harold Assamoah-Cobbiah

Cisco Certified Network Engineer

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Summary

I have achieved a significant milestone in my journey of continuous learning and professional development by obtaining the CCNA certification from Cisco, underscoring my commitment to advancing in the field of network engineering. This achievement crowns my educational pursuits, including a Bachelor's degree in Information Technology, completion of the Cisco Networking Basics, and the IT Helpdesk Technician course on Udemy. As a Junior Network Engineer, I have developed and refined skills in network configuration, troubleshooting, VLAN management, ACLs, EtherChannel, Active Directory, Microsoft's Windows Server and more. My approach to network solutions is both dynamic and adaptable, ensuring readiness for the evolving demands of modern network environments.

Experience

Junior Network Engineer Intern

01/2024 - Present

Company: Kreativstorm

- **Router and Switch Configuration:** Proficiency in configuring Cisco routers and switches, including setting up interfaces, IP addressing, and routing protocols like OSPF, EIGRP, and BGP.
- **Network Topology Design:** Experience in designing network topologies within Packet Tracer, creating complex networks, and connecting different devices to simulate real-world scenarios.
- **Troubleshooting Scenarios:** Practical skills in troubleshooting network issues, such as resolving connectivity problems, verifying configurations, and diagnosing routing errors.
- **VLAN Setup:** Knowledge of creating and managing Virtual LANs (VLANs), allowing for network segmentation and improved traffic management.
- **Inter-VLAN Routing:** Understanding of inter-VLAN routing configurations using the concept of Router On a Stick, enabling communication between different VLANs using routers or Layer 3 switches.
- **Access Control Lists (ACLs):** Proficiency in implementing ACLs on Cisco network devices to control traffic flow, enhance security, and filter network traffic based on specific criteria, either by Standard or Extended ACLs.
- **EtherChannel Configuration:** Hands-on experience in configuring and optimizing EtherChannel links, therefore, providing fault tolerance and load balancing across multiple links.
- **Port Security:** Skill in configuring port security features on Cisco switches, including settings like MAC address limiting and sticky MAC addresses to enhance network security.
- **Dynamic Routing Protocols:** Configuration and management of dynamic routing protocols such as RIP, OSPF, and EIGRP on Cisco Routers to enable configured routers to dynamically update routing tables.
- **Protocols and Services:** Practical knowledge of configuring network services like DHCP, DNS, NAT, NTP, as well as protocols like SNMP for network management.

IT Associate

Company: TJX Europe Inc, United Kingdom

08/2023 – 12/2023

- Carried-out a break and fix solution to computer hardware like printers and computer hardware used on-site to carry-out daily work(receiving) activities which reduced maintenance cost by 8%.
- Communicated effectively with Front Line Managers to resolve issues according to set

organizational standards to deliver goods according to Service Level Agreements (SLAs) which meant that targets were met 100% of the time each week.

- Proficiently utilized TJX Europe's Management System, SCAN, installed on domain computers, all under the management of a Domain Controller set up using Active Directory on Microsoft Windows Servers, demonstrating expertise in inventory management and recording. This experience honed my skills in accurately tracking and managing inventory data, ensuring seamless business operations and accurate inventory records.
- Developed and maintained comprehensive documentation of business processes using SCAN, contributing to the efficiency and clarity of operational procedures. This responsibility enhanced my attention to detail and organizational skills, ensuring all documentation was up to date and aligned with the company's standards and requirements.

At Home Labs:

11/2022 - Present

Completed Labs

- Configuring routers and switches by assigning appropriate IP Addresses, adding various layers of security protocols for secure connections to support 10+ end-hosts with Cisco's Packet Tracer.
- Performing network segmentation by subnetting IP Addresses to decongest and enhance network performance.
- Utilizing various Networking monitoring tools and software such as Wireshark to troubleshoot various network issues found with an internet connection.
- High level of skill in manipulating Virtual Machines such as VirtualBox and VMware to accompany setting up my Home Labs.
- Microsoft Windows installation and Troubleshoots .
- Remotely have authorized access to user's computers to help fix computer issues such as inability to access the internet where I performed checks like the accuracy of default gateway, IP address and Subnet Masks on a computer, MS Office activation fixes, Antivirus installations, etc.
- Managing Virtual Microsoft Windows Server 2019 and 2022 to create Active Directory roles and features for Group Policy as well as to maintain a robust File Sharing Policy in an organization.
- In addition to practicing with Cisco's packet tracer, I have honed my ticketing skills using Jira Service Management Software and Active directory with Windows Server 2019 and 2022.

Education & Certifications

Cisco Certified Network Associate (CCNA)

Cisco.com, 2024-2027

Cisco Networking Basics

Cisco Networking Academy.com, 2023

Cisco Packet Tracer

Skillsforall.com, 2023

BSc Information Technology Management

University of Professional Studies, Accra 2019-2023

IT Support Technical Skills Helpdesk

Udemy.com, 2023