JAHIDA BEGUM

NETWORK ENGINEER

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To secure a challenging position as a Network Engineer utilizing my CCNA certification, technical expertise, and hands-on experience in designing, implementing, and managing complex network infrastructures. I am highly motivated to utilize my skills and knowledge to ensure high network performance, security, and reliability, while continuously improving network efficiency and reducing costs.

EDUCATION HISTORY

DIPLOMA In ECE
Government Pollytechnical Collage Raichur
Class of 2007-12

SSLC
Secondry Eduction Karnataka State Board
Class of 2007
percentage-68 %

PROJECT

OSPF Network Simulation and Performance Analysis

***Objective**: The objective of this project is to design and simulate an OSPF network using a network simulation tool such as GNS3 or Packet Tracer, and analyze the network's performance under different scenarios.*

Task
- *Design an OSPF network with at least 3 routers and 2 switches.*
- *Configure OSPF on all routers and switches in the network.*
- *Use a network simulation tool to simulate the OSPF network.*
- *Measure the network's performance by calculating the following metrics:*
  a. Network latency
  b. Network throughput
  c. Packet loss rate

NETWORKING SKILLS

- Knowledge of network topologies and protocols
- Configuration of Cisco routers and switches
- Troubleshooting common network problems
- Understanding of VLANs and other LAN technologies
- Basic understanding of WAN technologies
- Knowledge of subnetting and IP addressing
- Basic understanding of network security concepts
- Understanding of network monitoring and analysis tools
- Familiarity with Cisco IOS command line interface (CLI)
- Configuration of basic network services such as DHCP and DNS
- Understanding of routing protocols such as OSPF also Static Routing
- Configuration of Access Control Lists (ACLs)
- Knowledge of wireless network technologies
- Familiarity with network virtualization technologies
- Understanding of Quality of Service (QoS) concepts
- Configuration of Simple Network Management Protocol (SNMP)
- Basic knowledge of network design principles
- Configuration of Virtual Private Network (VPN) technologies
- Understanding of Cloud computing and its impact on network infrastructure
- Knowledge of IPv6 addressing and implementation.

- A*nalyze the network's performance under different scenarios, such as:*
  - *a. Adding/removing routers or switches*
  - *b. Changing OSPF parameters such as hello and dead intervals*
  - *c. Introducing network congestion by generating heavy traffic*
- *Write a report that documents the project's design, implementation, simulation results, and performance analysis.*

Deliverables

- *A network design document that includes the network topology, OSPF configuration, and IP addressing scheme.*
- *A network simulation file that can be used to simulate the OSPF network in GNS3 or Packet Tracer.*
- *A report that documents the project's design, implementation, simulation results, and performance analysis.*
- *A presentation that summarizes the project's key findings and recommendations.*

CERTIFICATIONS

- *CCNA*
  Trained and Certified by Network Rhinos.

PROFESSIONAL EXPERIENCE

Company: UR RAO Satellite Centre, Bangalore (contract basis)
(2021-Present)

Position: NETWORK ENGINEER
Roles & Responsibilities:
- *·Troubleshooting Desktop, Laptop& LAN.*
- *Technical support to clients regarding network issues.*
- *TCP/IP sub-netting and configuring IP addresses.*
- *Configure and troubleshooting inter-switch connectivity.*
- *·Troubleshooting user access issues and take configuration backups*
- *·Trouble shooting performance issues like CPU, memory & Link utilization for various devices.*
- *Providing LAN connections to the new setup of Network devices and PCs.*
- *·Experience in troubleshooting of Switchesusing TELNET and SSH.*
- *Configuration & troubleshooting ofL1/L2 technologies such STP,EthernetChannel.*

TECHNICAL SKILLS

- Python
- CCNA

AREA OF INTEREST

- Networking
- Switching
- routing

LANGUAGE KNOWN

- English
- Kannada
- Hindi
- Urdu

HOBBIES

- Reading books
- Cooking difrent diss
- Designing and editting
- photos/videos