Aman Verma
IT Network Engineer

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👤≣ Profile

Diploma in Network system Desktop, Router and Switch development, implementation, troubleshooting maintenance of Desktop support, Routing and switching Proficient in Cisco IOS for configuration & troubleshooting of routing protocols: OSPF, EIGRP, RIP, ICMP, SNMP, SMTP, TCP/IP, UDP, knowledge of Network types PAN, LAN, WLAN, CAN, WAN, SAN, POLAN, EPN, VPN, SAN.

🔖 Projects

- **CCNA Project link**-   https://drive.google.com/drive/folders/19tDVz_epSGWaMUiFY7PrvVNDvPfUwVFc?usp=drive_link

✖ Skills

Router:

- OSPF, EIGRP, IGRP, RIP/RIPv2, BGP, STP, DNS and authentications PAP, CHAP, PPP. Password & IOS of L2TP, PPTP, SSTP, POP3, Telnet, SSL, PPTP, HDLC, DHCP, network topology OSI Model, IEEE 801.1D, SSH, HTTP/HTTPS.
- Router & Switches Backup & Recovery and all configurations simple & secrets passwords, and IP using DHCP, and
- Security using ACL static & dynamic, NAT & PAT using static & dynamic and knowledge of firewall incoming & outgoing traffic knowledge of Multicasting routing, Network support, Network Optimization, Domain & work group.
- Installing, configuring and supporting network equipment, collaborating with network architects to design and Implement functional company network. Operational support and incident network fundamental (GRE) Wi-Fi, Cisco IOS, VPN.

Switch:

- Create VLAN database static & dynamic, configure VTP switches and IP address in VLANs
- interface and inter VLAN routing create VLAN Trunking protocol to communicate with different IP address in sub
- interface, configure any types of authentication& apply passwords. And apply trunk mode in VLAN of switch.
- Troubleshoot routers switches and desktop in network. Evaluated, designed and installed megabyte backbone CAT6 network for over many end users ICMP, SNMP, SMTP, POP3/IMAP, NTP, ARP, SSH, IGMP, FTP, TFTP, LLDP Network Topology, IPSEC, Active Directory, outlook configuration, os installation backup on desktop, router & switch

Aws Cloud Solution Architect: using tools

- SAAS, IAAS, PAAS, S3 storage, EBS, Snowball, Security and IP Addressing, VPN, AWS Object Storage, Aws Linux, Virtual Machine type, Billing, Load Balancer, Auto Scaling, Aws DNS, NACL, VPG, Endpoint, Elastic IP, Net gateway,
- Volume attach, VPC peering, SNS, Route53, Technical knowledge on EC2, IAM, S3, VPC, sub-netting etc. hosting website using amazon s3 bucket. Knowledge on Amazon Glacier, Standard, Standard IA, Glacier Deep Archive One-Zone-IA, Intelligent Tiering.
- Setup and managed AWS cloud architecture for 2TB EBS Volume for each department with multiple EC2 instances & S3 Bucket for snapshots. Infrastructure development on AWS by employing services such as EC2, Load Balancing, Auto-scaling, S3 glacier, VPC, Subnet, Route Table, VPC Peering, Cloud Watch, SNS, Etc. Create and Management of IAM User Account, Log Management, Shared Folders.

Red hat Enterprise Linux:

- Strong knowledge of the software, networking, and storage components related to operating systems: windows server, and RHEL. Manage, create and trouble shoot User Profiles, Software, Backups, remote configuration
- Performed troubleshooting with network tools like ping, netstat, traceroute, mtr, nslookup, etc
- System Administration User and group management file system management (ext3, ext4, XFS, etc.)
- Package management (RPM, YUM, APT, etc.). Server and syslog management (system, systemctl, init.d, etc.)

- Networking TCP/IP, DNS, DHCP, NIS, NIS+, NFS, PUTTY and Ipconfig, configuration Firewalls (iptables fire-walled, etc.) Auto Mount & Disk Space Management on Linux Server, Ansible
- KVM, Virtual Box, Containzation. Servers Apache, Samba, SSH, SMTP, provided user management and support, user permissions and SELINUX. VMware
- ACLs, permissions, Authentication (LDAP, PAM). Encryption (SSL/TLS, GPG etc).
- Installed OS using automatic installation using Autoyast and kick start. Knowledge of LDAP on Linux Servers.
- Scheduling processes with the CRON utility. Configuring the server for sharing resources using TELNET, FTP.

Python with Module Library:

- Programming fundamentals, python syntax and semantics. Data types (strings, tuple, List, Set, Dictionaries, boolen).
- Control structures (statement, if-else, nested -if-else, short-if-else, for loops, while loops etc). Functions and modules.
- Python library and frameworks, MYSQL, DBMS, Numpy, pandas, Matplotlib, Spider.
- File handling Modules OS path and datetime, Tkinter, CRUD using GUI, reading and writing files unpickling, IOS.
- OOPs concepts: classes, inheritance, polymorphism, encapsulation, Constructor. Access Modifiers, Overrinding Functions containing in re. Exception is error conditions, Exception class is base for all, User define Exceptions.
- Error handling and debugging: try-except blocks, error types (syntax errors, runtime errors, etc.)**,** debugging tools (pdb, print, statements, etc).
- Design, develop and execute automation scripts using opensource tool python. Integrating user-facing elements using server-side logic.

💼 Work Experience

ISP
Gaytri Communication   12/2023 – present
- Install wireless internet equipment and configure network settings test and troubleshoot network connectivity and
- functionality, provide customer service and technical support to resolve connectivity issues ensure compliance with safety guidelines. installation and troubleshooting processes and communicate with team members,
- collaborate with sales and marketing team to identify potential customers and recommend products and services.

Seller Support Associate
Easy go Express. New Delhi, Delhi   09/2016 – 02/2018
- Responsibility for Providing Timely and Accurate Work support 3rd Party Sellers on The Amazon Providing Perfect Service to Amazon Seller and Resolve and Support to Increase to Review and Feedback on Sellers.

🎓 Education

Graduation
- B.A (Final Year Distance Learning)
  Veer Bahadur Singh Purvanchal University Jaunpur Uttar Pradesh (VBSPU)
  Pursuing Present Time to June 2025

Certification Course
- Networking- Cisco Certified Network Associate (CCNA)
- Aws Cloud Solution Architect
- Red Hat Enterprise Linux
- Core Python with Module- My SQL, NumPy, Pandas, Matplotlib
- Microsoft Office Word, Excel, Power point

👤 Interpersonal Skills

- Ability to Rapidly Build Relationship and Set Up Trust.   Team Problem Solving
- Customer Relationship.   Decision Making
- Computer Literacy   Time Management
- Communication Skills   New Creativity Thinks &
  Ideas
LANGUAGE: English, Hindi