MANOJ C

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SUMMARY

Motivated and detail-oriented Linux System Administrator skilled in managing Linux-based systems, troubleshooting complex issues, and configuring network environments. Proficient in administering a variety of Linux distributions, including Ubuntu, CentOS, Debian, Red Hat and FreeBSD, and along with skills in Bash scripting, system monitoring, and networking fundamentals. Focused on leveraging technical expertise to drive system optimization, enhance performance, and strengthen security. Skilled in quickly assimilating new technologies and collaborating with cross-functional teams to ensure the reliability and efficiency of IT infrastructure.

OBJECTIVE

Proactive and results-oriented Linux System Administrator with practical experience in Linux server management, shell scripting, and system troubleshooting. Committed to leveraging technical expertise to support organizational objectives while continuously advancing professional skills and contributing to operational success in a dynamic environment.

SKILLS

- Network Fundamentals
- Routing and Switching
- Routing Protocols
- LAN/WAN Management
- VTP and STP
- Network Security
- IP Services
- Firewall Policies
- Wireless Networking
- Troubleshooting
- Automation Basics

- Linux/UNIX Setup
- Networking
- Security
- Package Management
- Process Management
- System Monitoring
- Backup & Recovery
- Server Configuration
- Version Control
- Automation

- VPC
- Route 53
- Elastic Load Balancer (ELB)
- Auto Scaling
- SQS & SNS
- Security
- EC2, S3, IAM
- RDS, Lambda
- CloudWatch
- CloudTrail
- Security

TECHNICAL SKILLS

Cisco Certified Network Associate (CCNA)

- Proficient in configuring and troubleshooting VLANs, switches, routers, and LANs (Local Area Networks).
- Strong understanding of network fundamentals, subnetting, and IP addressing (IPv4/IPv6).
- Hands-on experience with routing protocols such as OSPF and static routing.
- Knowledgeable in network security, including ACLs, port security, and device hardening.

- Skilled in configuring NAT (Network Address Translation) and DHCP (Dynamic Host Configuration Protocol).
- Familiar with implementing and managing VTP (VLAN Trunking Protocol) to simplify VLAN administration.
- Experienced in using Spanning Tree Protocol (STP) to prevent switching loops and ensure network stability.
- Configured basic firewall policies to secure network access and control traffic flow.
- Proficient in debugging and troubleshooting network issues using tools like ping, traceroute, and telnet.

Linux/UNIX:
- Linux/UNIX Management: Installation, troubleshooting, and maintenance of Linux and UNIX systems
- O.S: Specialized in RedHat, Centos, Debian, Ubuntu, FreeBSD.
- User and Security Management: User account and group management with robust security practices.
- Server Configuration: Setup and management of FTP, NFS, DHCP, DNS, Free-RADIUS, Samba, Apache, Print, Mail (Sendmail, Postfix, Exim), Telnet, SSH, and firewalls.
- Automated Installations: Proficient in Kickstart, PXE, HTTP, NFS, and FTP setups.
- Local Storage Management: Skilled in LVM and RAID management.
- Performance and Security: System optimization, port/process management, and high availability implementation.
- Package Management: Expertise in managing software packages using tools like YUM, PKG, DNF, and APT.
- Process Management: Advanced knowledge of process scheduling, monitoring, and optimization using tools like top, htop, or systemctl.
- System Backup and Recovery: Skilled in setting up backup tools like rsync and tar.
- Version Control: Experience with Git.
- Virtualization: Hands-on experienced VMware and Proxmox.

Microsoft Windows:
- Proficient in installing, troubleshooting, and maintaining Windows servers and domain controllers.
- Proficient in configuring domain controllers and managing security settings, including Group Policy administration.
- Skilled in planning, creating, and maintaining user accounts, groups, and enforcing security policies and application management.
- Experienced in configuring and managing key services such as IIS (Web), FTP, DHCP, DNS, RDP, WINS, NAT, VPN, Telnet, Print, File, and SQL (Database) servers, ensuring high availability and optimal performance.
- Experience with virtualization (Hyper-V, VMware)
- Experienced in remote administration.

Cloud Computing:
- Proficient in deploying and managing AWS services, including EC2, S3, RDS, and EBS for scalable and secure cloud infrastructure.
- Skilled in configuring VPCs and networking components for secure and efficient cloud environments.
- Experienced in using IAM to manage user roles, permissions, and security policies.
- Knowledgeable in implementing Lambda for serverless computing and automating workflows.
- Proficient in setting up monitoring and logging tools such as CloudWatch and CloudTrail for performance and security insights.
- Skilled in configuring Route 53 for DNS management and traffic routing.
- Experienced in creating and managing Snapshots for data backup and recovery.

Software & Scripting Skills:
- Scripting Language = Shell Scripting.
- RDBMS (Database) = MS-SQL, My-SQL,

CERTIFICATION

- CCNA
- AWS
- LINUX
- HARDWARE

Language Known:
- English
- Kannada
- Hindi

PERSONAL SKILLS

 I possess strong problem-solving abilities, particularly in networking domain. I excel in dynamic interpersonal interactions and demonstrate a proactive willingness to learn, enabling me to be an effective team facilitator.

Educational Qualification:
- **BBA (Bachelor in Business Administration)** Degree from Bengaluru University.

Date: November 21, 2024   Yours Faithfully,

Place: Bengaluru. Karnataka. INDIA.   MANOJ C