

KHUMAIN

Linux system admin



+91- 8886173999

mdqumain@gmail.com

CAREER OBJECTIVE



Passionate and results-oriented Linux system Administrator with over 3 years of experience in managing and improving the automation, scalability, and performance of complex systems. Advanced proficiency in Linux and improved system reliability, cost savings, and increased customer satisfaction. Excited about the opportunity to join a small, collaborative, and accomplished SRE team to contribute to the success and growth of the organization

WORK EXPERIENCE



- Working as a **Linux Admin (L2)** in **USG IT SOLUTIONS PVT LTD**, Hyderabad from mar 2022 to till Date.

TECHNICAL SKILLS



Ticketing Tools	ServiceNow
Cloud Technology	Amazon Web Services (AWS)
Operating System	RED HAT LINUX, CENTOS, UBUNTU
Network Services	NFS, AUTOFS, NIS, NTP, YUM, RPM, SMB, SSH
Configuration Management Tool	Ansible
Virtualization	VMware
Monitoring Tools	Nagios

SKILLS & STRENGTHS



- Results-oriented with 3+ years of experience as a Linux System Administrator.
- Proficient in creating the file systems with the help of Logical Volume Management (LVM).
- Experience in automation and scheduling jobs using **CRON** and AT jobs.
- Knowledge in configuring SSH password less authentication.
- Configuring **NFS, AUTOFS** on Linux server environment.
- Experienced in Booting process and troubleshooting Linux servers, resolving boot issues and maintenance of server issues using rescue mode and single user mode.
- Maintaining patches and packages management using **YUM & RPM** to keep the servers up to date with latest releases.
- Ability to maintain smooth and cordial relation with customers.
- Strong analytical, investigative skills with quick learning ability.

ANSIBLE TOOL



- Good hands-on Installation and Configuration of **Ansible**.
- Good knowledge in dealing with inventory file and host patterns in adding hosts to inventory file and calling hosts.
- Extensively used Ansible ad-hoc commands instead of using ansible playbooks for each and every small task in ansible.
- Experienced in using multiple ansible modules as and when required and their usage.
- Aware of using various sections in ansible like target section, task section, etc.

ROLES & RESPONSIBILITIES



- Providing System Administration support for development, testing and production in 24x7 Environment.
- Experience on managing the User and Group Administration of creating, modifying, and Deleting users and groups and providing the security on user accounts and group accounts.
- Changing ownership or permissions of a file/directory.
- Monitoring and Managing SWAP, CPU Utilization, Disk Utilization, Memory Utilization and Security Implementation through ACL, Setgid, Setuid and Sticky bit.
- Creating hard link and soft link for File Directories as per request.
- Creating, increasing volumes, and managing file system using Logical Volume Manager (LVM).
- Providing **Sudo** permissions as per the request.
- Implement automated deployment and configuration using Ansible, reducing provisioning time by 40% and enhancing consistency.
- Work on file transfer protocols SCP, FTP, RSYNC, and Remote login protocols SSH and RDP.
- Experienced in scheduling Jobs using Cron and At Jobs.
- Establishing trusted authentication by generating public key and private key between nodes.
- Backup and Recovery using Tools like Tar and gzip
- Configuring and administering NFS and AUTOFS on Red hat Linux server environment. Resolving NFS related issue for end users.
- Knowledge on Network Bonding in RHEL.
- Experienced in troubleshooting and resolving Network related issues to the Linux servers.
- Installing/updating of software packages using **YUM, RPM, DNF** and **APT**.
- Applying software/application/OS patches on servers.
- Root password recovery.
- Executing change request steps on prod and non-prod servers.
- Maintain service levels as per the established Service Level Agreements (SLA).
- Applying ACL on common critical files and giving access as per the request.
- Monitor system statistics and all processes running on server by using **TOP** command.
- Fixing mount issues, checking file system integrity, running fsck in maintenance mode.
- Experienced on Booting level issues.

AWS



- Launching **AWS** instances with different AMI's, creating AMI's from existing EC2 Instances.
- Knowledge on IAM Users, custom roles based on the requirement.
- Creating snapshots from the EBS volumes and create volume from the snapshots as well.
- Creating S3 buckets and configured them with permissions and versioning.
- Worked with CloudWatch service for monitoring servers' performance, CPU utilization, Disk utilization and set alarms to send notifications to the users.
- And, have good knowledge on **AMI, VPC, EFS, EBS, S3, IAM, AWS Auto Scaling**

EDUCATIONAL QUALIFICATION



- BCom computers from **ACHARYA NAGARJUNA UNIVERSITY, AP.**

(KHUMAIN)