

JOB Tapas Mallik

LINUX System Administrator

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CAREER OBJECTIVES

Dynamic server Administrator with proven expertise at ACS Technologies Limited and DCIT Support, specializing in VMware ESXi and disaster recovery procedures. Adept at optimizing system performance and implementing robust security measures. Recognized for enhancing server availability and reliability while fostering collaboration across teams to resolve complex issues efficiently. Actively pursuing RHCSA certification.

SKILLS

- Troubleshooting
- Data center ops
- OS LINUX (RHEL 6,7,8 & 9, CentOS 6 & 7, Ubuntu) , UNIX and WINDOWS
- Storage- NAS, SAN
- Networking
- Server- Administration
- Monitoring
- Cluster Management
- Ansible
- Server Patching
- Containerization (Docker)
- VMware ESXi Management

WORK EXPERIENCE

 **Server Administrator: ACS Technologies Limited**
February 2025 – Present

 **LINUX System Administrator: DCIT Support**
September 2023 – February 2025

RESPONSIBILITY

- Ensured optimal server performance and availability for client applications, enhancing user experience.
- Configured and maintained server operating systems and software updates.
- Implemented security measures to protect server data and access.
- Monitored system logs for unusual activity or potential threats.
- Configured and maintained cluster setup.
- Planned, tested and supported high-availability infrastructures.
- Created comprehensive disaster recovery plans to minimize downtime during system failures or data loss.
- Upgraded existing system with new releases of operating systems and applications.
- Resolved the VAPT for securing the server.
- Use Microfocus OBM and Grafana Tool for monitoring Servers.
- For replication monitoring I used CP tool.
- By using OPTICDL Tool Create report of servers.
- Using HPE Product Login ILO for server configuration and optimizing performance.
- Get Red hat and HPE product support for resolving server related issues.
- Use SAP Application for logging and checking the availability of all nodes and users.
- Handles Kubernetes servers.
- Worked with SAN for better storage solutions.
- **User and Group creation + Management, Permission & Ownership Administration of files and directories on LINUX Servers.**
- Installed configured and Administered web-server **Apache** with **SSL certification** for hosting services on different ports.

- Working experience in **Data Center** environment. Manage Data center server remotely.
- Real time experience of virtualization technologies **VMware ESXi** for creating virtual machines.
- Worked on resource sharing server **NFS, Samba server** (for cross platform) & **FTP**.
- Installed configured and managed Database server **MySQL & MariaDB (Database Replication)**
- **Storage and disk Management**, creation of logical volumes using **LVM & RAID** partitions, creating **Swap** when physical memory (RAM) is full.
- Worked on file system **EXT4 & XFS**. File system operations i.e. (**create, mount, unmount & remove**) as per the requirement.
- Installation of required **Packages** from repository using **Yum, DNS** and **RPM** and also third-partyrepo like **EPEL**.
- **Monitoring** servers' health and services by using monitoring tool **NAGIOS**, monitoring Diskspace utilization, CPU utilization, Memory utilization.
- Job-Scheduling using **CRONTAB**.
- **BACKUPS** using tools like **Rsync, scp, Tar, cp** .
- Mail-server **Postfix** and its web interface software **Squirrel-mail**.
- Worked on **Apache Tomcat**.
- Configured & managed **DNS** server.
- Proficient in configuring and optimizing **HA-proxy** for **load balancing** and **high availability**.
- Worked on various **protocols** like **http, https, vsftpd, ftp, sftp, ftps, imap, pop3, snmp, dns, ssh, tcp/ip & udp**.
- Worked on **LAMP** based application.
- Developed proficiency in **Containerization (Docker)**.
- Good knowledge of **Ansible , Kubernetes, Aws** and **Git**.

EDUCATION

- **Bachelor of Science**
RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY – Nagpur

ACHIEVEMENTS

- Worked on R-APDRP Project of CSPDCL
- Perform DC-DR Drill, Perform switchover activity with 10TB Data.

LANGUAGES

- **ENGILSH**
- **HINDI**
- **MARATHI**
- **BENGALI**

DECLARATION

I hereby declare that the information provided above to be true, correct and complete to the best of my knowledge and belief.