HALIMA SADIA

Linux System Administrator

Contact : sadea.kmr@gmail.com | +92 345 5646204

LinkedIn : https://www.linkedin.com/in/halima-sadia-628597280/

Objective:

To secure a position offering responsibility Challenges and personal growth. A position where my talents can be effectively utilized to improve operations and contribute to the company's goals.
Proficient in DevOps & Linux, Cloud & SDLC including analysis, code designing, scripting, testing, automation, version control system, documentation & support.

Professional Summary:

- IT Professional of 1.5+ years of experience & as a Linux Support System Engineer in 1 year relevant on Linux platforms like Centos, RHEL, Ubuntu.
- Worked as Linux & Network Support Engineer in a team of 17 members. Performed RHEL Linux system administration tasks like installation/configuration of software components and services, Monitoring and managing processes.
- Have a good understanding of Client and Server Administration.
- Have an overview of Amazon Web Services (AWS), Launched a virtual server using Amazon EC2 LINUX instances

Linux Skills :

- Linux operating systems like RedHat Linux , centOS , Ubuntu , Installation , configuration , troubleshooting and administration of Linux OS,
- Good Knowledge of Symlink and Hardlink , Linux Process Management , Disk Management , LVM (PV, VG, LV) , File Systems,
- Managing partitions and FS using Logical Volume Manager FDISK , File system operations. (Create , mount , unmount and remove),
- Linux File System Troubleshooting , Kernel Compilation as per client's requirement , Basic Shell Scripting,
- User Administration (Creation, Modification, Deletion, Managing Permissions) , Good Understanding of compression and archive (tar, zip, gz, bz)ss
- Good Knowledge of Permissions (chmod) and Special permissions (STICKY BIT.SUID.SGID)and ACL , Networking in Linux,
- Use and configuration of FTP, TELNET, SCP RSYNC to transfer files, Good Knowledge of RPM (RedHat Package Manager) and Yum,
- Good Knowledge of Iptables & Firewall, Source Code Installation of Nginx Server , Server HA (high-availability)
- Configure DNS Server, Deep Knowledge and TroubleshootingIssues. Configure Web Server with Multiple Domains , Name Base Ip Base, User Authentication, Configure NFS , SAMBA , FTP , APACHE , NGINX Server

Roles and Responsibility:

- Check processes that consume more resources than expected using (top, sar, free -m), Monitoring CPU utilization for critical processes
- Perform hardware configuration, operating system loads and assist with troubleshooting installation issues.
- Installation of all the required patches, drivers, and third-party software.
- Installing, configuring, and maintaining the DHCP, DNS, NFS, and FTP send mail servers.
- User account management and Group account management, configuring dumb terminal, formatting, and partitioning disks, manipulating swaps, taking and restoring the backup, and scheduling jobs.
- Configuring IP addresses to the interface using ifconfig and sometimes static IP by editing the ifcfg-eth file.
- Taking the system back-up to the remote server using "rsync" tools, compressing backup with tar (with gzip, bzip2). Installing packages for the system using Yum and periodically checking for updates.
- Performance tuning and preventive maintenance. Perform the daily backup.
- Managing shared NFS file system, mounting and unmounting NFS server, NFS client on a remote machine, and sharing remote file folder.
- Starting and stopping the services. Resolving TCP/IP network access problems for clients.
- Implemented system policies and hardware profiles, hard disk configuration for fault tolerance, disk mirroring, and the data using BACKUP tools
- Performed administrative tasks such as system startup/shutdown, backups, printing documentation, user management, security, and network management.
- Experience in installing local and remote YUM servers on Redhat.
- Administered Linux servers for several functions including managing Apache/Tomcat server, mail server, and firewalls in development and production.

Technical Skills:

RHEL **,** AWS Cloud Services **,** Bash Scripting **,** Nagios

Education   2023 - 2026

BS in Education from College of Education AfzalPur