KRISHNA GANGULA
Linux System Administrator

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Hyderabad, India

Experienced Linux System Administrator skilled in managing CentOS and Red Hat servers, fixing priority issues, troubleshooting, monitoring systems, tuning performance, implementing security measures, and conducting audits. Proven record in managing server setups, software installs, and updates.

Professional Summary:

- Around 3.6 years of Experience on **RedHat Enterprise Linux** and knowledge on **Ansible.**
- Experience in installation, configuration and troubleshooting Linux operating systems on **VM (RHEL 6,7,8) servers.**
- Have a good knowledge of the **ITIL** process.
- Experience in **user/file management.**
- Experience in providing remote connections to our clients by using **SSH and giving password less authentication**.
- Experience in **backup and recovery of data & Disk space** management.
- Implementing & managing **NFS servers and NFS clients**, Configuring and managing **NFS** and **FTP** and **samba** services.
- Providing the support for multiple platforms including PROD, DEV & TEST environment.
- Available for **on-call rotation** and post-support for all product-related releases.
- Having good experience on **server reboot activity**.
- Experience using an operational ticketing system to record changes and work history details such as **Service Now**, **BMC Remedy**.
- Good experience on **Patch level management in Linux.**
- Perform day to day system administration tasks related disk space, creating file systems, increase, decrease file system space, creating entries in **fstab,** scanning newly allocated disks from the storage, creating **PV's**, adding **PV's** to **vg** etc.
- Working on VMware to support the Linux operating systems to take snapshots and monitoring the server performance and administration.
- Installing and upgrading the packages, **patches** to secure the environment.
- Commission and decommissioning the file systems and servers in Linux.
- Well, organized with strong problem solving and good communication skills as well as ability to work both teams and independently.
- Ability to work in a 24/7 support production Environment.

Technical Skills:

- **Operating Systems**: Red hat Linux 6/7/8 & Cent OS.
- **Volume Managers**: Logical volume Manager.
- **Automation Tool**: Ansible.
- **Ticketing Tools**: BMC Remedy, Service Now.
- **Hardware Platforms**: HP ProLiant DL380 G6, HP ProLiant BL460c Gen8, VMware VirtualSun4v.

Work Experience:

- Working as a **System Administrator** in **Tata Consultancy Private Limited** as a Contractor in **Hyderabad** Since **December 2020** to till date**.**

Roles and Responsibilities:

- Delivering 24x7 production support on mission critical servers running Linux operating systems.
- Installation, Configuration and Administration of **RedHat Enterprise Linux** 6.x & 7.x.
- Provide Infrastructure support for Administration of **Linux Production Servers**.
- Provided 24/7 support on-call basis in emergencies and whenever necessary.
- 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.
- Giving the File permissions like **SETUID, SETGID**, and **ACL**, Sticky bit to files and folders.
- Managing Software installations using **YUM & RPM**.
- Maintaining the **Patches** and **Packages** to keep the servers up to date with latest OS versions.
- Installation and configurations of **NFS** and **FTP** to share the files into other servers.
- Implementing **SAMBA** Server Interactions with Windows and Linux.
- Configuring the job schedules by using **CRON**.
- Recovering the corrupted file systems by running **FSCK**.
- Configuring the password less **SSH** to access the servers without asking root password.
- Providing the **SUDO** access to the application users to gain access for accessing servers and to execute commands as per requirement.
- Monitoring system Performance, **Managing Swap space**, **Disk utilization** and **CPU utilization.**
- Adding the swap space as per the requirement.
- Creation of hard link and soft link, and Configuration of mail servers.
- Installation of **Apache web server** and Configuration of Virtual host.
- Creating the inventory and **playbooks** by using the lops and conditions.
- **Configuring**, **Automating** and **Deploying** Ansible for configuration management to existing Infrastructure.
- Implemented Ansible to manage all existing servers and automate the Linux Patching, User, File & Directory of new servers.
- Automated configuration management and deployments using Ansible playbooks.
- **Yaml** for resource declaration and creating roles and updating Playbooks to provision servers by Ansible.

Educational Qualification:

- **Graduated** from **KRISHNA UNIVERSITY** in the year of **2020.**