



LINUX SYSTEM ADMINISTRATOR

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PROFESSIONAL SUMMARY

- ❖ Having 1.8 Years of industry experience in Linux System Administrator.
- ❖ Working in Remote infrastructure Management environment and Flexible to work-in 24/7 shifts.
- ❖ Worked on ONCALL support on Rotation Basis.
- ❖ Working as L1 support for LINUX Servers.
- ❖ Installation of Linux [Red hat and CentOS].
- ❖ Expertise in User & Group Administration.
- ❖ Creating new partition and mounting on Linux.
- ❖ Having Knowledge on RAIDS(0,1,5,01) and LVM.
- ❖ Creating and Extend the SWAP Memory.
- ❖ Maintaining the CPU & Memory utilization on Servers.
- ❖ Provide the temp root access through SUDO.
- ❖ Installing/ updating packages in Linux through YUM & RPM.
- ❖ Configure the scheduling of tasks using crontab and at jobs.
- ❖ Remote administration using SSH.
- ❖ Taking database backup's on daily basics.
- ❖ Installing and Configuring servers like FTP, Apache,VNC server,mysql,tomcat,phpmyadmin,csf and Nagios.
- ❖ Installation of php 5.3 and 5.4 in linux.
- ❖ Installation of mysql 5.1 and 5.6 in linux.
- ❖ Installation of Oracle virtual box in linux.
- ❖ Having Good Knowledge on Shell Scripting.written shell scripts for taking backup's ,blocking ip of failed ssh attempt and written custom script which we can integrate with nagios.
- ❖ Having basic knowledge on virtualization.
- ❖ Maintaining a blog for linux <http://linuxscripts.blogspot.in/>

TECHNICAL SKILLS

Operating Systems	:	Red Hat Linux and CentOS.
Programming languages	:	Shell Scripting.
Monitoring tool	:	Nagios.
Ticketing tool	:	Kayako.

EDUCATIONAL QUALAFICATION:

- B.Tech (CSE) from JNTU University with 65%,India.

CERTIFICATION:

- **RHCE** (Red Hat Certified Engineer) on Enterprise Linux V 6.0. #**140-026-360**

WORK EXPERIENCE:

- Working as **Linux System Administrator** for **Voxvalley Technologies Private Limited, Hyderabad** from **25th March 2014** to **till date**.

Roles and Responsibilities

- 1 Installing/ updating Linux OS
- 2 Installing/ updating packages in Linux through YUM & RPM
- 4 Installing and Configuring servers like FTP, SAMBA, Apache,mysql,VNC server and nagios.
- 5 Writing required shell scripts when needed.
- 6 Executing automatic jobs using crontab,troubleshooting and maintaining the VOIP servers in which the application was running.

Users and groups

- ❖ Managing users by creating, modifying their properties and deleting them.

Permission Policies

Securing the date by using permission policies like:

- ❖ Basic file permission.
- ❖ Access control list.

Disk Partitioning and Mounting file system

- ❖ Creating partition by using fdisk.
- ❖ Formatting partition by using mkfs.

LVM : Managing the hardisk's space by using LVM.

Raid : Maintaining Backup on Hard disk and partition by using **Raid Levels** (0,1,5 and 01).

Backup & Restore

- ❖ Expertise in taking internal backup by using backup tools like Tar,zip.
- ❖ Taking Remote Backup by using SCP.
- ❖ Taking mysql backup's using mysqldump.

Working in a Network Environment by using following Servers

- ❖ Configuring NFS Server.
- ❖ Mounting NFS Exports on NFS Clients through manual mounting and Auto mounting.
- ❖ Configuring VSFTP for Anonymous & Private users.
- ❖ Apache IP based, Port based and Name based configuration.
- ❖ Configuring samba server to share data in between Linux and windows OS.
- ❖ Installing and configuring nagios server and client for email alerts and troubleshooting nagios errors.

Shell Scripting

- ❖ Writing script to add a user in 150 server's at a time.
- ❖ Written a script to take backup's of mysql and delete old backup's.
- ❖ Written script's that we can integrate with nagios monitoring tool.
- ❖ Written script to block ip address of the failed ssh attempt.
- ❖ Written script to add bunch of additional ip addresses with out restarting the network.
- ❖ Written script to block the ports in a file by freeing one port in the file.
- ❖ Written a script to sync the database every once in a day into the fail-over server.
- ❖ Written a script to generate the report of ftp logins in the server and send it to mail.

Place: Hyderabad

janakiram

Date:

(Signature)