**Rakesh M R**

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**Objective:**

Around 4+ Years of experience in Linux administration, with a strong performance background in wide variety of professional system support and solution-based IT services including, configuration, troubleshooting, maintenance, and Deployment, specialized in System Administration and working with Linux Physical Servers.

**Summary:**

**Linux Summary:**

* Around 4+ Years of experience specialized in System Administration working on Red hat Linux.
* Following ITIL standards to provide better service support and delivery to have the SLA meet and Customer Satisfaction
* Planning & Resolving the Issues within the specified down time.
* Good understanding of file system and storage management concepts like LVM.
* Experience in Creation and managing user accounts, security, rights, disk space and process monitoring in Red hat Linux.
* Installation and up gradation of Packages and Patches configuration management, version control, service pack& reviewing connectivity issue regarding security problem.
* Experience in Installing Firmware Upgrades, kernel patches, systems configuration, performance tuning on Unix/Linux systems.
* Experience in trouble shooting and performance tuning.
* Providing day-to-day user administration like adding or deleting users, password aging.
* Maintaining Patches and Packages to keep the servers up to date with latest OS versions.
* Remote system administration using tools like SSH, Telnet, and Rlogin.
* Planning and implementing system upgrades including hardware, operating system

And periodical patch upgrades.

* Automation of jobs through crontab.
* Applied appropriate support packages/patches to maintain system integrity.
* Troubleshooting Day-to-Day issues with various Servers on different platforms.
* Troubleshooting logon problems, boot process and printing.
* Managed Disks and File systems using LVM on Linux.
* Experience in SSH, FTP, And SAMBA, DNS, DHCP, NFS
* Monitored server and application performance & tuning via various stat commands

(Vmstat, nfsstat, iostat.etc.) and tuned I/O, memory etc.

* Basic Knowledge on Shell Scripting.
* AWS (Amazon Web Services): EC2, ELB, Autoscaling, EBS, EFS, S3, Glacier, VPC, Rout53, Lambda, CloudFront, Cloud Watch, CloudTrail, Trusted Adviser, IAM, RDS, Elastic Cache.

**Education:**

* B.Tech. in Computer Science and Engineering from VTU.
* M.Tech. in Computer Science and Engineering from VTU.

**Professional Certifications Course Completed:**

* Red Hat Enterprise Linux 7.0
* AWS Solution Architect Associate
* Cisco Certified Network Associate

**Technical Skills:**

* Operating Systems : RHEL 6.5 and RHEL 7/Centos/Windows
* Remote Login Tools : Putty, IAM tool.
* File Sharing : FTP, NFS, SAMBA, WinSCP.
* Networking : OpenSSH, Telnet, FTP.
* Monitoring Tools : Nagios.
* Ticketing Tools : RT, Service Now.
* Cloud Technologies : AWS

**WORK EXPERIENCE**

**InSemi Technology Services Pvt Ltd:**

**Client/ Project : AMD India Private Limited**

**Designation** : System Engineer

**Environment** : Linux Administrator

**From** : Dec-2019 To till Date

**Ticketing Tools**  : Jira and Confluence

**Vendor Management** : AMD EPYC™, HP ProLiant and Dell iDRAC

**Responsibilities & Projects:**

* Provide 24\*7 Support to Production and non-Production servers in Linux.
* Installation and Configuration of Red Hat Linux workstations and Servers
* User Administration Creating, Deleting, Modifying, Locking, Unlocking and Managing User Accounts, Groups Management.
* Controlling Access to files with Linux File system Permissions.
* Apply the special permissions on common directories. (sticky bit, ACL, SUID, SGID)
* Configuring Swap Space and managing the swap spaces.
* Create new partition with LVM method.
* Efficiency in Configuring for disk and data management by using LVM.
* Extending partition space as per request
* Process management
* Backup For TAR, DUMP
* Limiting disk usages from user and group using Disk Quotas
* Protect the grub password and working on boot related issues.
* Managing VMware Servers.
* Generating password-less SSH Authentication.
* Running Fsck Corrupted file system.
* Configuring and Troubleshooting FTP, SSH, NFS, NTP.
* Configuring and sharing file system through NFS and mounting it from other servers.
* Samba Configuration Linux server and Linux client
* Setting Pluggable authentication module (password, session, account and authentication)
* Granting SUDO access to other team users.
* Managing package install/Upgrade and Management using YUM and RPM.
* Job scheduling for users using cron tab and at job
* Booting process for Red Hat Enterprise Linux.
* Working on boot issue with mbr and grub failed at a point of booting.
* Working on Hardware issues
* Mutli-pathing (IP BONDING) OR Teaming
* Kernel patching if required
* Kernel parameter whenever required.
* Repairing File system in rescue mode.

**Technicolor India Pvt Ltd:**

**Client/ Project : MPC Film**

**Designation** : Linux Administrator

**Environment** : Linux

**From** : Feb 2019 to Dec 2019

**Ticketing Tools**  : RT

**Vendor Management** : IBM /DELL/HP

**Responsibilities & Projects:**

* Provide support to incident, problem and change management and troubleshooting
* Good hands-on experience on VMware vcenter.
* Responsible for Linux servers Build and Configuration on Virtual machines.
* Fetching the monthly incident report and prepare the list for TOP Noisy servers and sending the report to respective teams.
* Implementation, Configuration & maintenance of FTP and SSH, NFS Servers.
* Performed patching in Red hat and SUSE Linux servers.
* Experienced in Performance tuning of Linux servers using SAR, free, df, iostat, top, vmstat, Netstat, etc.

**Fcoos Technologies Pvt Ltd:**

**Client/ Project : GoFrugal**

**Designation** : Linux Administrator

**Environment** : Linux

**From** : April 2016 to February 2019

**Ticketing Tools**  : BMC Remedy, RT Tool

**Vendor Management** : IBM /DELL

**Responsibilities & Projects:**

* Accountable for User Administration i.e., Adding/Modifying/Deleting the User Accounts, Setting up the SGID and SUID as per Requirement for Users.
* Responsible for Disk Management Activity (LVM)
* Responsible for Managing different File systems (EXT2, EXT3, ETX4, XFS).
* Responsible for Installing recommended Packages in LINUX using YUM/APT repository or RPM.
* Responsible for Schedule various Regular jobs by using Cron.
* Working on Incident & Change Management issues in Linux (Severity 1, 2, 3)
* Administration and Configuration of NFS and SAMBA Servers.
* Start/Restart and Stop the services.
* Analyses data for specific Hosts and Manage CPU, Memory, Disk, Paging, etc. Monitoring and Maintaining all the Servers Activities Like. File system Usage, System Performance

Error and log Messages, Network Status, CPU Utilization, Process Monitoring

* Dealing with Start/Restart and Stop the services, NFS related issue.
* LVM Management and Managing file systems (Creating and Extending file systems)
* Managing Disk Space and Configuration, Adding & Removing of Physical Volumes (PV’s) to volume groups (VG’s) and mirroring of VG’s.
* Creating Logical Volumes (LV’s), Mirroring of Logical Volumes (LV’S)
* Identifying Console and Server logs like along, Erupt, and Troubleshooting.
* Day to Day Server Management which includes Disk Management, LVM Management, User Management, Software Installations, Backup, and Restorations.
* User Account Creation, Deletion, Modification, User Disabling, Access rights, SUDO Access, etc.

**Personal Details:**

**Name** : Rakesh M R

**Date of Birth** : 20 Sep 1990

**Sex** : Male

**Nationality** : Indian

**Location** : Bangalore

**Present Address** : No.5, 1st Main, 3rd cross, Ayyapanagra, K.R Puram Bangalore-560036

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Place: Bangalore

Date: (Rakesh M R)