Seshu Devolla

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Seeking a challenging career that utilizes as well as explores my potential to the greatest extent.

Executive Summary:

- I Have around 9 **Years** of experience in **Linux Systems Administration** and Application Management.

- Having good working knowledge on Oracle cloud interface (OCI), and working on AWS, hands on experience in creating EC2 instances, IAM, VPCs, EBS, S3, Elastic IPs, etc., for creating end-to-end architecture.

- Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems, and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.

- Provide support per request from various constituencies. Investigate and troubleshoot issues.

- Repair and recover from hardware or software failures. Coordinate and communicate with impacted constituencies.

- Create new procedures and focus on updating existing documentation for the team.

- Ability to engage other teams during outages or planned maintenance.

- Apply OS patches and upgrades on a regular basis and upgrade administrative tools and utilities. Configure / add new services, as necessary.

- Creation of file systems and checking the NFS auto mount file systems functionality.

- Installation, upgradation and troubleshooting of Linux / Windows Servers.

- Managing and resolving server and user level issues.

- Maintain operational playbooks, configuration, or other procedures.

- Perform periodic performance reporting to support capacity planning.

- Perform ongoing performance tuning, hardware upgrades, and resource optimization as required. Configure CPU parameters, memory, and disk partitions as required.

- Provide support for datacenter maintenance and operations as needed. Write/debug shell programs for cron, security checking, backup, etc.

- Installation of Linux/Unix server's like RedHat, Solaris and linking with Windows using SAMBA.

- Managed users, groups, and ftp accounts, permissions, and security for clients.

- Handling Linux Based Networking, Web server, Ftp server, Dns server, Samba Server, Dhcp server, Nfs server, Nis server, Http Server security, Installing open-source Software's.
- Good knowledge of identifying and solving problems and enjoy working in a team.

Certifications:
Red Hat Certified System Administrator Red Hat Enterprise Linux 8.
AWS certified solution architect.

Technical Skills: -

Cloud	- AWS Cloud, Oracle cloud
OS	- RHEL, CentOS, Ubuntu, SUSE, Solaris, and AIX
Virtualization	- XEN, OVM, VMware ESX4i
Authentication	- LDAP, Kerberos, SSH
Storage	- LVM, RAID, NFS, Linux DM multipath
Webservers	- Apache
Scripting	- Shell, python
Monitoring tool	- Zabbix, Nagios
Networking	- TCP/IP, NFS, Telnet, FTP, DNS, DHCP, HTTP, NIS
Backup	- Tar, Dump (ufsdump)
Security	- SSH, SSL, IPtables, TCP Wrappers, port scanners
Databases	- Oracle 11g, MySQL
Others	- HA Proxy, NetApp

Work Experience: -
- Currently working as a Senior Linux systems administrator for RedIron Technologies from Oct 2020 to till date.
- Worked as a Systems Administrator & OPS engineer for Salesforce.com Bangalore from Jan 2017 to Sep 2020.
- Worked as a Systems administrator for Tomax India software Pvt Ltd Bangalore from Jun 2014 to Dec 2016

Education: -

- Completed Master of Computer Applications Degree from Anna University in Chennai 2010.
- BSC Computers SK University in 2007.

Employment history:

1.Rediron technologies

Clients: Party city, Zurchers, Hallmark, Kelly Moore Paints, Travel Traders LLC, PET Food Express.

Designation: Linux systems Administrator.

Operations, Support and Maintenance

- Hands on experience configuring and managing AWS and OCI cloud.
- Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems, and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- Perform regular security monitoring to identify any possible intrusions.
- Perform daily backup operations, ensuring all required file systems and system data are successfully backed up to the appropriate media, recovery disks are created, and media is recycled as necessary.
- Perform regular file archival and purge as necessary.
- Create, change, and delete user accounts per request as necessary.
- Provide Tier III/other support per request from various constituencies. Investigate and troubleshoot issues.
- Repair and recover from hardware or software failures. Coordinate and communicate with impacted constituencies.
- Apply OS patches and upgrades on a regular basis and upgrade administrative tools and utilities. Configure/add new services as necessary.
- Upgrade and configure system software that supports infrastructure applications or Asset Management applications per project or operational needs.
- Maintain operational configuration, or other procedures.
- Perform ongoing performance tuning, hardware upgrades, and resource optimization as required. Configure CPU, memory, and disk partitions as required.

2. Salesforce.com

Client   **: Retail.net**

Designation   **:** Systems Administrator & OPS engineer
Environment   **:** RHEL 6.x, Jboss, Oracle, AWS
Responsibilities:
- Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- Provide support per request from various constituencies. Investigate and troubleshoot issues.
- Repair and recover from hardware or software failures. Coordinate and communicate with impacted constituencies.
- Create new procedures for the team and focus on updating existing documentation for the team.

- Ability to engage other teams during outages or planned maintenance.
- Apply OS patches and upgrades on a regular basis and upgrade administrative tools and utilities. Configure / add new services as necessary.
- Maintain operational playbooks, configuration, or other procedures.
- Perform periodic performance reporting to support capacity planning.
- Perform ongoing performance tuning, hardware upgrades, and resource optimization as required. Configure CPU parameters, memory, and disk partitions as required.
- Provide support for datacenter maintenance and operations as needed.
- Experience in supporting and maintaining a monitoring and alert systems
- Experience supporting and troubleshooting relational databases and distributed platforms
- Experience in OVS server, Build and configure & maintain ovs servers.
- Hands on experience configuring and managing AWS (Amazon Web Services), using the CLI/SDKs
- Experience managing systems monitoring and alerts.
- Incident management - Act in key support roles during major incidents e.g. Sev0, Sev1. Also, participate in the technical review of the incident for problem management.
- Problem Management - populate and participate in RCAs and hand them off to the Global Solutions team.
- Experience with NetApp, Oracle OVM stack, Commvault, Zabbix, Splunk.

3. **Tomax India software pvt ltd.**

    Clients   **:** Les schwab, Ratner and GPC.
     Designation   : Linux systems administrator
     Environment   : RHEL, Oracle, Jboss

Responsibilities:
- System Administration of Linux Servers Red Hat, SuSe, Fedora.
- Deploying and updating the new patches.
- Taking Daily backup and Daily reports.
- Checking disk space and the replication from production to replication server.
- Solving the issues based on customer requirements.
- Working experience on OVS servers and OVM Gui.
- NFS server configuration and maintenance.
- Use of LVM for dynamically extending and reducing partitions.
- Hands on experience in supporting business critical infrastructure operations like upgrades, patching, troubleshooting technical problems.
- Customization the application with required features
- Remote system administration using tools like SSH, Telnet, and Rlogin.

- Planning and implementing system upgrades including hardware, operating system, and periodical patch upgrades.
- Installation, configuration, and administration of Zabbix and Splunk.
- Automation of jobs through crontab and autosys.