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OBJECTIVE:

Seeking a challenging position as a Linux Administrator where I can administer my skills and experience to contribute to the success of a project and develop my professional skills. Special emphasis of my professional experience has been on in Linux Administration.

PROFESSIONAL SYNOPSIS:

- Having 4.3 years' experience as a Linux System Administrator. Worked on multiple Infrastructures during various phases of IT infrastructure such as Implementation and performance monitoring and troubleshooting, implementation of new project rollout.
- Good experience in User and group administration on Linux servers.
- Take the backup using zip and tar command.
- Installation, Updating, Migration, Security, Backup, Disaster Recovery, Performance Monitoring on UNIX Systems.
- Good knowledge in Apache server and Tomcat server.
- Managing disk space, processor utilization, and network utilization related to server.
- Importing and exporting Virtual Machines.
- Extending and reducing the file system using LVM.
- Experience in File system and swap partition.
- Good knowledge in booting process.
- Experience in access control list (ACL) and SELinux.
- Providing access to users using sudo.
- Knowledge in scheduled the job using cronjob.
- Supervising the administration of systems and servers related network to ensure.
- Good Experience on ITIL Process.
- Working on Incident & Change Management issues in Linux (Severity 1, 2, 3).
- Installation and up gradation of OS kernel and additional packages using RPM, YUM
- Good knowledge on Linux server's HTTP, FTP, NFS, Samba Servers and DNS servers.
- Configuring Apache & MySQL servers.
- Good understanding of VMware technologies.
- Experience on managing the User and Group Administration of creating, modifying and deleting users and groups and providing the security for user and group accounts.
- Creating and Managing Virtual server (VM) with VMware Vshpere.IT Service Management (ITSM) based on ITIL best practices.
- ITIL V3 Service Strategy, Service Design, Service Transition, Service Operation and Continual Service Improvement.
- Installing Patches and Packages on Linux Servers.
- Experience on configuring the RAID's, LVM's, SAN and NAS.
- Hands on experience on monitoring the logs on Cloud watch.
- Knowledge on PROCESS & DISK MANAGEMENT in Linux.
- File Permissions like, Set UID, Set GID, ACL and Sticky Bit.

- Hands on experience on developing scripts for repeated issues like file system monitoring and CPU utilization etc.
- Remote system administration using tools like SSH, Telnet.
- Hands on experience on Auto deployments and developing scripts.
- Knowledge on Chef, Puppet, Ansible and Jenkins tools.
- Knowledge on editing files by using Vim Editor and touch and cat commands.
- Automated VM deployment and migration using V Motion, SV Motion.
- Installation, Configuration and Maintenance of VMware ESX 5.1, 5.5 and Virtual machines.
- Importing and exporting Virtual Machines.
- Good Experience in cloning and template creation.
- Good knowledge of identifying and solving problems and enjoy working in a team.

PYTHON:

- Having Good knowledge in Data Structures and Data Types.
- Good knowledge in all the OOPS Concepts.
- Having Good knowledge in Functions.
- Good Knowledge in Conditional and Looping Statements.
- Good knowledge in Comprehensions.
- Good knowledge in Exception handling.
- Good knowledge in internal modules (OS, time, random, sys, datetime, json, string)
- Good knowledge in (xlrd, xlwt, paramiko, serial)
- Good Experience in Automation testing by using **Robot Frameworks**.

AMAZON WEB SERVICES (AWS):

- Knowledge of Cloud Infrastructure Environment.
- Good knowledge on launch Elastic Cloud Computing (EC2) instance with security group and key pairs.
- Having good understanding on Elastic Load Balancer (ELB).
- Having knowledge on adding Elastic Block Storage (EBS).
- Having knowledge on creating Route53 configuration
- Having knowledge on Virtual Private Cloud (VPC) configuration
- Having knowledge on assign Identity Access Management (IAM).
- Having knowledge about launching Database (DB) instances and Relational Database Service (RDS) Instances.
- Creating and configuring SNS and (SQS) Simple Queue Service.
- Good understandings on cloud watch Metrics.
- Hosting a website and storage backup with help of Simple Storage Service (S3) bucket.

SQL:

- Good in Retrieving the Data from the Database.
- Good in Writing Sub queries.
- Good in Joins Concept.
- Good in DDL, DML, DCL and TCL.

PROFESSIONAL EXPERIENCE:

- Currently Worked as a **LINUX System Administrator** in Infosys Private Limited, Bangalore from June 2020 to Oct 2024.

ACADEMIC CURRICULUM:

- Completed || Bachelor of Computer Science in **B.Sc. with 86%** in the year **2018** from **SRI VENKATESWARA UNIVERSITY**.

TECHNICAL SKILLS:

- **Operating Systems** : RHEL 5.x,6.x,7x & 8x.
- **Networking** : TCP/IP, NFS, Telnet, FTP, DNS, DHCP, Mail Server.
- **Security** : SSH, SE LINUX, IPTABLES.
- **Databases** : Oracle 10g, MySQL
- **Other** : Samba, Proxy (squid).
- **VMWare** : VMWare ESXi 5.1
- **Web server** : Apache webserver, Apache Tomcat.
- **Cloud** : AWS (EC2, ELB, VPC, IAM, Route53, Cloud Watch, SNS)
- **Monitoring Tools** : Nagios
- **Ticketing Tools** : Service Now.
- **Patching Tools** : BigFix.
- **Scripting** : Python, Shell Scripting.

PROJECT DETAILS:

Project	:	DFS (Discover Financial Service)
Environment	:	Red Hat Linux, Tomcat, Apache web server.
Client	:	Infosys
Technologies	:	RHEL 5.x, 6.x, AWS Cloud (EC2, ELB, S3, Route 53, VPC), VMWare, MYSQL, Ansible, Jenkins, Git hub
Operating System	:	Linux
Role	:	Linux Administrator

Description:

DFS is an American [Financial Services](#) company that owns and operates Discover Bank, which offers checking and savings accounts and credit cards it is one of the leading banks in whole over the world. There are around 3800 Linux servers & 300 AIX servers and we are responsible for maintaining all servers. As it is a banking domain, they have many critical virtual & physical servers to maintain. We are responsible for handling credit card/ Debit. Card Transaction Servers.

ROLES & RESPONSIBILITIES:

- Experience in Installing, upgrading and configuring Red Hat Linux 5.x 6, 7 & 8. using Kick startServers and Interactive Installation.

- Providing L1 & L2 support for Linux Servers.
- Working as a Team member and providing support to clients.
- Good Experience on ITIL Process.
- Good understanding of file system and storage management concepts like LVM.
- Scheduling Automatic Jobs through crontab.
- Experience in Creation and managing user accounts, security, rights, disk space and process monitoring in red hat Linux.
- Assigning permission using ACL.
- Configuration of SUDO users.
- Installation and up gradation of Packages and Patches configuration mgmt., version control, service pack. & Reviewing connectivity issue regarding security problem.
- Managing Software installations using YUM, RPM installation.
- Providing day-to-day user administration like adding or deleting users, password aging.
- Responsible for hardware/software troubleshooting and open case with Red hat support for solutions.
- Installation and configuration of file sharing servers like NFS, SAMBA and FTP.
- Monitored server and application performance & tuning via various stat commands (Vmstat, nfsstat, iostat etc.) and tuned I/O, memory, etc.
- Taking the Full Responsibility & Ownership of all the server issues.
- Managing vendors & handling relationship with key technology providers; evolving new IT related standards, norms, usage policies and implementing them across the organization.
- Administering network security through formulation of security policy, implementation & maintenance of security tools, users' rights management, vulnerability assessment, etc.
- Mapping requirements, providing customers the best solutions involving evaluation & definition of scope of project and finalization of program / project requirements; providing high-end technical support on systems, managing incidents and ensuring high end-user satisfaction levels by resolving their problems.
- Restoring normal service as soon as possible, based on customer perspective and within defined SLA; detecting, logging, categorizing & prioritizing incidents and providing initial incident support.
- Experience in VMware Infrastructure Implementation and Administration including Automated VM deployment and migration using VMotion.
- Installation, Configuration and Maintenance of VMware ESX 4.0,5.1 and Virtual Machines.
- Good knowledge on Shell script.

DECLARATION:

I hereby, declare that the above information is true to the best of my knowledge and belief.

(B. Sarada)