** Charan D**

**E-mail: charandonthu123@gmail.com**

**Mobile: +1- 9452606832**

# Professional Summary:

* Having 9 years of professional experience in Linux system Administration in 24X7 Environments.
* Having experience in configuring HP, Dell, IBM, UCS and Supermicro servers and maintaining it.
* Experience in Linux system services such as DNS, DHCP, NFS/Autofs, NIS, Samba, NTP etc.
* Ability to manage multiple responsibilities and meet individual deadlines, while effectively focusing on priority issues.
* Fixing the Booting related issues i.e MBR and Grub Corruption.
* Closely working with the DCF team and arranging replacement/repair of faulty hardware devices in case of hardware failure for physical servers and upgrading the firmware versions.
* Fixing the fork errors and changing the kernel pid\_max value as per conditions.
* Attending bridge/conference calls with the clients, internal business units on daily and weekly basis.
* Experience in installing RHEL,CentOS, Ubuntu, Suse from local media as well as remote locations.
* Expertise of installing/removing rpm packages & YUM packages.
* Experience in resolving the issues on logical Volume Manager.
* Engaging different teams in to bridges based on the requirement.
* Preparing technical documentation to implement tasks.
* Having good Experience on Networking in Linux servers like Teaming and Bonding.
* Good experience on ticketing tools like Service now, Jira and HPSM.
* File System Management: ext4 & XFS utilities.
* Experience on monitoring servers like Nagios, Cacti and Op5.
* Moving VMs from one datastores to another datastores using Storage Vmotion.
* Deploying VM’s from ISO & Template.
* Having experience automating tasks with shell scripting.
* Having good experience on Upgrading the Esxi hosts using update Manager and with normal ISO.
* Good experience migration of VMs using svmotion and vmotion.
* Good Knowledge on Ansible.
* Good Knowledge on Shell Scripting.
* Good Knowledge on Redhat OpenShift
* I have Top Secret clearance

# Education Summary:

## Master of computer applications from J.N.T.University, Ananatapur.

# Technical Skills:

Operating Systems : RedHat Linux, CentOS, Ubuntu, Suse LInux.

Services : NFS, FTP, SAMBA, DNS, DHCP, NIS and NTP.

Monitoring & Ticketing Tools : Nagios, Cacti, OP5, Toolbox, Service now, Jira and HPSM.

Virtualization : VMware ESXi 5.0 & Vcenter Server 5.0 and KVM.

Communicators : Cisco WebEx, Cisco Jabber, Cisco VoIP, Lync, Skype and Slack.

Scripting : Basics of Bash shell

Config Management Tools : Ansible & Redhat Openshift

Hardware : Cisco UCS, HPE Synergy, Blade & Rack, Dell Servers

**PROFESSIONAL EXPERIENCE**

**Linux System Admin Apr 2023 - Present**

**Client: Verizon**

**Role: System Engineer**

**Description:**

 Verizon is a telecommunications corporation. We support thousands of servers in daily operational use.

 We use monitoring tools like the service now, nagios. We have Hardware Vendor support as well as OS

 Level support. I have experience in DevOps and CI/ CD.

**Responsibilities:**

* **Installation, Configuration, Upgradation** and administration of Red hat, Cent OS
* **Patching** Red hat (6,7 & 8),Debian 6,7& 8, SuSe (11, 12) **Linux**, and **Cent OS** servers.
* User account management and support.
* Responsible for configuring and managing **servers** in Linux.
* Responsible for reviewing all open **tickets**, resolve and close any existing tickets using my services.
* Performing HP Service Guard Cluster failover.
* Experienced in Installs, Upgrades, Patches, Configuration, performance tuning on Linux and system software & hardware.
* Build, implement and maintain system-level software packages such as OS, Clustering, disk, file management, backup, web applications, DNS.
* Fixing the Booting related issues i.e MBR and Grub Corruption.
* Closely working with the DCF team and arranging replacement/repair of faulty hardware devices in case of hardware failure for physical servers and upgrading the firmware versions.
* Fixing the fork errors and changing the kernel pid\_max value as per conditions.
* RPM and YUM package installations, patch and other server management.
* Creating, cloning Linux Virtual Machines, templates using VMware Virtual Client 5.5 and migrating servers between ESX hosts.
* Installing Red Hat Linux using kick start and applying security polices for hardening the server based on the company policies.
* Providing SSL with valid trusted certificates.
* (SCM), Continuous Integration (CI), Continuous Deployment (CD), Release Management, Cloud Implementations, and configurations.
* Experienced in working with version control systems like GIT and used Source code management client tools like GitBash, GitHub, Git Lab.
* Design, develop build and packaging tools for continuous integration build and reporting. Automate the build and release cycles.
* Understand the requirement and perform automation for repetitive tasks and provide new ideas for automation.
* Implemented a centralized backup solution for Mac systems, reducing data loss risks.
* Regularly check for macOS updates through System Preferences,Software Update to ensure your system has the latest features and security patches.
* I have very good experience in Debian server’s installation and support.
* Migration experience from RHEL 7, 8 to Debian V7,V8 & V9.
* Installing new Debian servers, monitoring and troubleshooting OS level issues.

**Linux System Admin**

**Company Name:** CapGemini Technologies LTD Apr 2021 to March 2023

**Position:** Senior Consultant

**Client:** Credit Agricole

**Roles & Responsibilities**

* Responsible for Supporting all Server related issues based on customer requirements.
* Installation and configuration of RHEL, CentOS, Suse and Ubuntu servers in virtual Machines & Physical servers.
* Troubleshooting the issues based on priority and logging the bridge calls based on requirements.
* Logging cases with different vendors for hardware issues.
* Engaging different vendors based on the requirement in to bridge calls and solving the issues.
* Installing the packages using RPM and Yum repositories based on customer requirements.
* LVM physical volumes & volume groups extending file systems on LVM mount and unmounts of file systems.
* Creating teaming and Bonding of NICs in Linux Servers based on the Client requirements.
* Reconfiguring VMs as per customer requirements, Extend Hard disk, increasing the RAM, adding CPU, add New Hard disk and Adding NIC card.
* Working on Decommissioning of Environments like Cluster and ESXi decommissions.
* Performing vmotion, SvMotion for the Vm’s.
* Troubleshooting problems occurring with Hosts, VMs, Storage and Network issues.
* Performing Cloning of VMs and taking Snapshots of VMs.

**Environment**: RHEL 8.x/7.x/6.x/5.x,MySQL, DB2, Oracle, HP Service Guard Cluster, VMWare

**Linux System Admin**

**Company Name:** Cognizant Technology Solutions Sep 2016 to Dec 2020

**Position:** Technical Lead

**Project:** Capital One

**Roles & Responsibilities**

* Responsible for Level-2 Support for all server related issues based on customer requirements.
* Installation and configuration of Red Hat Enterprise Linux 6.x & 7.x servers in virtual Machines.
* Engaging different vendors based on the requirement in to bridge calls and solving the issues.
* Installing the packages using RPM and Yum repositories based on customer requirements.
* LVM physical volumes & volume groups extending file systems on LVM mount and unmounts of file systems.
* Creating teaming and Bonding of NICs in Linux Servers based on the Client requirements.
* Coordinating with Data Center teams for the Physical connectivity issues on Cisco UCS and other server issues.
* Remotely managing physical blade servers using Cisco UCS with KVM Console.
* Installing different Guest operating systems and VMware tools in virtual machines.
* Reconfiguring VMs as per customer requirements, Extend Hard disk, increasing the RAM, adding CPU, add New Hard disk and Adding NIC card.
* Working on Decommissioning of Environments like Cluster and ESXi decommissions.
* Performing vmotion, SvMotion for the Vm’s.
* Troubleshooting problems occurring with Hosts, VMs, Storage and Network issues.
* Performing Cloning of VMs and taking Snapshots of VMs.

**Environment**: RHEL 8.x/7.x/6.x/5.x,MySQL, DB2, Oracle, HP Service Guard Cluster, VMWare

**Linux Admin/Engineer**

**Company Name:** INFOSYS APR 2014 to Aug 2016.

**Project:** MITG

**Roles & Responsibilities**

* Responsible for L1 & L2 support on Labs and Data centers for all server related issues.
* Installation, Configuration, Administration & Troubleshooting of Linux Operating systems such as Redhat, Debian and Ubuntu on Cisco UCS, HP, DELL and IBM servers.
* Administration on DNS, DHCP, NFS, VSFTPD and NTP services.
* Monitoring System Performance of CPU Utilization, Memory Utilization, and Disk Utilization.
* Disk management, partitioning tools like fdisk, file system management ext3 file system & utilities (mke2fs, e2fsck, and tune2fs).
* Working on the LVM (Adding new LUNs, Creating PVs, Extending VGs, Expanding the LVMs).
* Troubleshooting and Configuration of SSH, TELNET, FTP and NFS in Redhat and Debian.
* Installing packages and patches on Linux systems on Production, non-production, QA
* File System administration and management like monitoring various logs, file system sizes.
* Connecting all ESXi hosts by adding ESXi hosts to Vcenter server and Deploying, migrating, monitoring and troubleshooting VM's using Vcenter by Vsphere Client.
* Installing different Guest operating systems and VMware tools in virtual machines.
* Create Templates from VMs and Deploying VMs through Templates and allocate resources.
* Installing and administrating the Software Packages by using RPM and YUM.
* File System administration and management like monitoring various logs, file system sizes.
* Installation, configuration and management of FTP, NFS, and SAMBA servers.
* Maintaining the inventory of Testbeds and performed the safe Movements of Testbeds.
* Managing groups and user accounts assigned permission to users.
* Changing file permissions as per the client request.
* Managing partitions, managing file system permissions & ACL.
* Monitoring Virtual memory, adding additional swap space as needed.
* Configuration and troubleshooting SSH and providing user level and system level trusting.

**Environment**: RHEL 8.x/7.x/6.x/5.x,MySQL, DB2, Oracle, HP Service Guard Cluster, VMWare