**BHARATH.K**

**🖂: bharathk.linux@gmail.com**

**🕿: +91-9980269805**

career objective

Looking for an opportunity where I can utilize my knowledge and skills in contribution effectively to the success of the organization and also improve my personal skills and gained the practical experience in meeting the challenges of real life.

professional summary

* Having 3.0 years of professional Experience and expertise in Linux (Red hat, Oracle Linux, SUSE, UBUNTU&CENTOS) server’s administration.
* Extensive experience in Linux system Administration, Server Builds, Installations, Upgrades, Trouble shooting on RHEL 5.x/6.x/7.x ,OEL,SUSE Linux 11/12 & Centos.
* Managing VMware Infrastructure VMware ESX5.x/vSphere5.x on Test/Development environments.
* Having Experience on Logical Volume Manager (LVM).
* Knowledge on Shell scripting.
* Fixing booting related issues, booting the server in maintenance mode and rescue mode, fixing file systems related issues.
* Coordinating hardware issues with the respective vendor support groups.
* Experienced in Monitor and manage server availability and resource usage.
* Experienced in Linux Patching & Experienced in scheduling jobs using Crontab.
* Experienced in troubleshooting and resolving network issues related to the servers.
* Expert to take the console (HP ILO) and troubleshoot server down issues.
* Experience in installing packages, updating and Troubleshooting using RPM & YUM.
* Attend the weekly change management meetings to discuss about the upcoming changes, Impact on current state and remediation plan.
* Problem solving attitude with team and always willing to learn.
* Adoptable with multi-cultural work environments, competitive, flexible for shifts, Highly Motivated, Enthusiastic Learner.
* Ability to face new challenges and good problem solving capabilities.
* Working on Different issues by following ITIL (Incident & Change Management).

work experience

**Organization**  : Tata Consultancy Services Limited (TCS)

**Duration** : From Mar 2015 to Till Date

**Designation** : System Admin

Education details

* Bachelor of **C**omputer **S**cience(**B.Sc**) from **SV University** between the years 2012-15

skills

**Operating System** : RHEL/OEL/CENTOS / SUSE Linux/UBUTU.

**Tools** : Tivoli, Service Now, Citrix etc.

**Network Service** : NFS, NIS, LDAP

**Servers** : FTP, Samba, Apache, DNS, DHCP, NFS, NIS and etc.

Roles and Responsibilities

* Extensive experience in Linux system Administration, Server Builds, Installations, Upgrades, Trouble shooting on RHEL 5.x/6.x/7.x,SUSE 11/12, OEL, Centos using kick start installation.
* File systems (Ext3, Ext4&XFS) creating and resizing as per the user requests.
* Checking and repairing file systems and monitoring file system usage.
* Monitoring System components such as CPU, Disk, Memory and Swap space Utilization.
* Monitor and manage server availability and resource usage.
* Fixing booting related issues, booting the server in maintenance mode and rescue mode, fixing file systems issues.
* Accessing server through console (HP OA, ILO) when servers are not reachable.
* Monitoring Virtual memory, adding additional swap space as needed in Linux servers.
* Process administration and management like monitoring, start/stop/kill various processes.
* Monitoring system logs and system performance & managing the services.
* User and group administration, Creating and managing user account, groups and access levels.
* Implementing security issues by using ACL**,** Sticky bit, Set UID, Set GID and SUDO.
* Change the ownership permissions to files and directories as per user request.
* SSH: generated public and private keys and sharing the keys to other servers as per user’s requirement.
* Scheduling jobs using Cron and at jobs as per the user request.
* Root password recovery in Linux servers.
* Taking backup & restore activities by using – Tar.
* Hardware replacement activity like faulty disks, CPU, motherboard.
* Install, Update, query and remove software packages with RPM.
* Configuring YUM and installing & upgrading software packages by using YUM.
* Patch management upgrading kernel version according to the requirement.
* Configuring Logical volume manager (LVM) and size extending & reducing.
* Experience in resolving the issues on logical Volume Manager (LVM).
* Configuring Network Setup, Routing, and NIC Bonding& Firewalls IP- Tables in Linux.
* Reconfiguring the IP-address when the server moves from one network to other network.
* Configure and managing the NFS & FTP servers along with Auto fs in Linux servers.
* Managing DNS server & client server and configuring DNS client server.
* Knowledge on DHCP server, Samba server& Mail server in Linux.
* Knowledge on Web server Apache configuration in Linux Servers.

AMAZON WEB SERVICES (Solution architect associate)

* Knowledge on AWS Modules like “Products and services, Value proposition, TCO and Pricing, and AWS Solutions
* Knowledge on creating Identity & Access Management (IAM)
* Knowledge on Services like AWS Object storage and CDN – S3, Glacier, and Cloud Front
* Knowledge on creating an S3 bucket, S3 version control, cross region replication, S3 Life cycle management & glacier
* Knowledge on services like “Cloud Front CDN overview: Create a cloud front CDN, S3 security and encryption, Storage gateway, snowball ”
* Knowledge on Services like “ EC2 : launch an EC2 instance, security groups, update EBS volume types, Encrypt Root Device Volume and Create an AMI , Load balance and health checks, cloud watch EC2, IAM roles with EC2, S3 cli & regions, bootstrap script, Auto scaling groups”
* Knowledge on Services like “ EC2 : Elastic filesystem, lambda, build a server less webpage”
* Knowledge on Route53: route 53 registers a Domain, routing policy.
* Knowledge on Route53: weighted, latency, failover, geolocation routing policies.
* Knowledge on database: RDS – backups, multi-AZ & read replicas, Dynamo DB, Red shift, elastic cache, Aurora
* Knowledge on VPC: Build a custom VPC, Network Address Translation (NAT), (ACLs), custom VPCs and ELBs, VPC flow logs

**(BHARATH.K)**