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# Prasanna K R

I have 9 years of experience in UNIX server administration. I am skilled in various OS, virtualization technologies and trained in Cloud, Containers and Orchestration technologies. I am ready to explore new technologies further that will help me as individual as well as to develop the organization.

## EMPLOYMENT

### SUMMARY

- Providing 24/5 (Weekend On-call) support to client to manage their IT infrastructure
- Working on Legacy and NGDC environment.
- Experience in different ticketing tools: BMC Remedy/Promise/Service Now.
- Attending daily/weekly calls and interacting with clients and understanding their requirement on any activity.
- Working with different teams and vendors to plan scheduled change request and getting server downtime to fix software/hardware issues.
- Managing HP, IBM, Dell and Cisco Hardware.
- Preparing and updating technical documents on regular basis and uploading it to share point for team's accessibility.

### TECHNICAL SKILL

- **OS** - RHEL 5/6/7, HP-UX 11.31
- **VM** - VMware, OVM
- **CLUSTER** - HP Service Guard
- **HARDWARE** - HP Integrity Blade, HP ProLiant, IBM BladeCenter
- **CLOUD** - Azure (Fundamentals)
- **CONTAINER** - Docker (Basic)
- **PROGRAMMING** - Python, Shell (Basic)

### CERTIFICATION

- **AZURE FUNDAMENTALS - AZ-900**
  - (CERTIFICATE ID: 990769528)
- **REDHAT CERTIFIED ENGINEER - RHEL 5**
  - (CERTIFICATE NUMBER: 100-164-680)
- **ITIL 2011 FOUNDATION CERTIFIED.**

### MAY 2016 - TILL DATE

#### SENIOR SYSTEM ENGINEER: CGI GROUP, BANGALORE.

- Managing Linux VM and Appliance servers hosted on ESX server through VSphere client and OVM (Oracle Virtualization Manager).
- Creating and Managing Linux VM on public cloud - Azure.
- Exposure on VMSS for scaling, Networking components - VNet, Firewall, Load balance, Traffic Manager.
- Good understanding about cloud architecture like Azure AD, Compute, Storage, Networking, Backup.
- Storage migration - converting disks from old storage array to new using OS native command lvconvert.
- Installing, Upgrading & removing patches on REDHAT Linux servers on regular basis to fix security vulnerabilities and for better performance.

- Managing satellite server, pulling latest patches from Red Hat for regular updates on servers.
- Creating Puppet modules for repeated and bulk work.
- Acknowledging NAGIOS, Zabbix, Patrol alerts.
- Acknowledging security vulnerability incidents and fixing it on priority based on CVE Score.
- P2V and V2V migration on VMware servers.
- Performing DR activity – yearly twice.
- Writing shell script for regular works like pre/post server output for any activity, listing old files and send the report to email ID, CPU/Memory utilization alert will be sent to email ID and etc.
- Adding RAM/CPU/Disk to Linux VM, creating shell for new server build in VSphere.
- Managing user creation/modification/deletion with BOKS access control (centralized management of user authentication and authorization).
- Creating user account to access FTP/SFTP sites.
- File system management Creation/Increase/Removal in LVM on Linux servers.
- Yum server/client configuration.
- Server decommissioning, taking configuration backup, updating inventory.
- Supporting DB team and SAP team on application patching.

MAY 2013 – MAY 2016

#### IT ANALYST: ACCENTURE SERVICE PRIVATE LIMITED, BANGALORE.

##### LINUX:

- Installation of RHEL OS on physical servers and on ESX host using AVAK tool.
- Migrating Linux VMs from one Host/Datastore to another Host/Datastore in VSphere client.
- Managing Linux VM hosted on ESX server through VSphere client.
- Upgrading VMware tools for Linux VM servers.
- Configuring ASM disk (scanning and creating partition of the disks).
- Configuring mail server using sendmail in HP-UX/Linux servers.
- Troubleshooting boot issue on Linux servers.
- Configuring auto-mount.
- NFS Administration, exporting/mounting file systems, fixing any NFS mount issues.
- Server backup and restoration using Mondo archive image.
- Performing server decommissioning tasks for HP-UX/Linux servers.
- Performing pre-checkup of migrated servers and documentation of checkup result.
- Performing patching through client provided automation tool (BBSA) and satellite server.

##### HP-UX:

- Installation of HP-UX 11.31 OS on physical servers (HP BL890i4, BL870i4 & BL860i4).
- Performing post installation in physical server like Configuring APA, Serviceguard Cluster, Serviceguard Package.
- Managing physical servers through HPSIM.
- Managing HP MC Service Guard.
- VM guest container creation with OS Installations on HP-UX physical servers.
- Installing, Upgrading & removing of Kernel Patches on HP-UX servers.
- Configuring NPIV, NPIV migration (converting normal server to NPIV server).
- Migrating Guest server from one Host to another Host server.

- File system management (Creation/Increase/Removal) in LVM for standalone and cluster servers.
- Performing OS hardening on servers after the installations.
- Configuring Ignite backups for Newly Installed servers and managing them.
- Monitoring the server performance (Weekly/Monthly Health Checks).
- Performing reboots & shutdowns as per the User/Client requests.
- Working with HP vendor for Memory upgrade/Hardware issues on HP BL890/BL860 and other Blade servers.
- Installation of 3rd party application (control-M, CFT, VTOM, Patrol and etc.) as per the client requests in HP-UX/Linux servers.
- Restoring HP-UX server from Ignite backup.

NOV 2011 – MAY 2013

**UNIX ENGINEER: STS INTERNATIONAL INC, BANGALORE.**

- Provides support for all REDHAT Enterprise Linux & Solaris servers under Engineering Department. Supporting 1000s of servers across the Cisco network.
- Kickstart Installation, Management, and administration in RHEL.
- Performance tuning, configuring & upgrading Operating Systems and Patches.
- Supporting the user community by managing a multi operating system environment including REDHAT Enterprise Linux, Solaris 8 and 10
- Creating ClearCase workspace, Project space and TFTPBOOT space.
- Quota resizing of spaces, changing permission/ownership for spaces.
- Monitoring system and initiate escalation.
- Providing support for SSH, home directory related issues.
- Migrating Home Directories and workspace from one location to other.
- Allocating Static IP address for servers and adding into appropriate netgroup.
- Troubleshooting NFS auto mount issues.
- Providing the assistance to team members for technical issues and for escalations

**EDUCATION**

2008 – 2011

**BACHELOR OF SCIENCE (COMPUTER SCIENCE)**

Sourashtra college of arts and science.

Madurai Kamaraj University.

**DECLARATION**

All the information provided by me is true to best of my knowledge. I would be glad to provide you with any further details, if required.

**Prasanna KR**