

MADHESH C

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OBJECTIVE:

Linux and VMware Administrator around **6.8** years of experience in ever-increasing levels of responsibility and expertise in a wide range of IT disciplines has adept in all facets of Administration, Maintenance, Integration including Installation, Configuration, troubleshooting and Automation.

WORK EXPERIENCE:

Organization : **UI Technical support Pvt Ltd**
Client : **Tavant Technologies**
Duration : Aug 2016 – October 2019
Role : Linux Administrator – L1/L2

Organization : **Adecco India Pvt Ltd UI**
Client : **NetApp India Pvt Ltd**
Duration : Nov 2019– Apr 2023
Role : Linux Server/system Administrator – L2/L3

Organization : **Extremlogic Technologies**
Client : **Brillio Technologies**
Duration : Jun 2023– Till Date
Role : Linux Server/system Administrator – L2/L3

TECHNICAL EXPERTISE:

OS Skills : Linux -RHEL, CentOS, Ubuntu, Windows
Virtualization : VMware ESXi, VCenter, VSphere Client,
Monitoring Tools : Zenoss, Nagios
Ticketing Tools : Service Now, Jira
Software Management : YUM, RPM & apt-get.
Volume Manager : LVM
File System : Linux file system management (ext2/3/4, XFS).

PROJECTS:

- **VSim** : I'm working on VSIM-Data ONTAP Simulator, an internal project. It is a Data ONTAP simulator, which is Data ONTAP software operating on a server's virtual machine, or "virtual" platform.
- **SCS** : I'm working on SCS (Shared Compute Service) an internal project. Providing Linux, Windows virtual machine or "virtual" platform. It is an environment setup for test & dev clients that don't require snapshots and backups.

PROFESSIONAL PROFILE:

- Providing **Production support** to end users by playing a responsible role in troubleshooting problems logged by the client throughout the world in Operations of their Servers, Virtualization and providing complete Technical Support for the Clients.
- **Monitoring** all production servers, applications, services and respond to alerts according to SOP.
- Remotely accessing the server via **SSH** terminal and troubleshooting issues.
- Configuring and running **Backup and Restore** operations in accordance with the norms and requirements of business.
- Configuring **LVM** and other Disk management utilities.
- Complete server management such as Load monitoring, Bandwidth monitoring, Installing, running and updating necessary applications.
- Experienced on Troubleshooting a Server **Hung/unexpected rooted** issues.
- Running **fsck** on file systems, when the file system is in-consistence mode.
- Scheduling System related **Cron** jobs.
- Basic operations on Cisco Network switches and Terminal Servers.
- Basic operations on **ONTAP** Storage filers
- Monitoring **Tickets on priority basis** and managing queues.
- Experienced on **incidents, change requests** on priority basis.
- Joining bridge calls with clients for **Major Incidents** (P1 and P2).
- Perform **Week-end Change** activities like **upgrades/reboots/application changes**.

ROLES & RESPONSIBILITIES:

- **Patching Linux servers** to mitigate the vulnerabilities and maintain security compliance.
- Applying **Kernel/Firmware upgrades** on Servers.
- File system **Cleanup** and **Disk Utilization** Activities.
- Configuring SSH Authentication and setting up keys.
- Creates templates from VM's, Deploy VM's from templates and allocate resources.
- Good experience on Apache, MySQL, Exim, Postfix and other linux services.
- **Linux facts** - ps/top, user management, grub boot config & system rescue, fstab/disk labels, LVM, ext3/ext4, run-levels & startup scripts, awk/grep, vi/nano, netstat, lsof, sudo, tar/zip, scp/rsync, fdisk/parted, sed/replace/tr etc.
- **Internal Storage**- Configuring and managing LVM based partitions.
- **Performance Monitoring**- Event logs, Top, SAR, IO monitoring, IPtraf for DDOS monitoring, SSH consoling, Remote desktops, VNC etc.
- **Monitoring Tools**- Installing, Configuring and monitoring servers using **Nagios** and **Zenoss**.
- **Virtualization** - Installing and Configuring the VMWARE, Creating and managing VM's in it. Upgrading and downgrading the server as per client needs and applying patches.
- **Networking**- Good understanding of network concepts such as TCP/IP, DHCP, Switches, routers, LAN etc.
- **Security**- IP Tables, Selinux and Preventing DDOS attack using IP Tables and other security tools, hardening the server etc.

VMware Responsibilities:

- Installing ESXi OS on physical machine and configure the ESXi host.
- Deploying the VCenter and adding ESXi host on the VCenter.
- Good experience on upgrading the ESXi host using GUI and CLI command line.
- Having good knowledge on upgrading the VCenter without removing the ESXi host.
- Configuring Datastore, creating VM and adding resource to the VM's.
- Troubleshooting the issues on the **ESXi** servers and configuring vSphere HA.
- Installing Hypervisor on windows machine and creating the VMs

Amazon Web Services:

- Configured AWS EC2 instances (Red hat & Centos & Ubuntu).
- Managing EC2, ELB, Auto scaling.
- Managing VPC, Private and public subnets, Route Table, Internet gateway NAT Gateway, Peering Connection.
- Managing Security Groups, Network ACLs.
- Configured Identity & Access Management (IAM) Users, Groups, Permission, Policies, Role.
- Amazon EBS, EFS- Managing Volumes, Snapshots.
- File system management (Linux), Creation of new file system using LVM and Swap space management.
- Managing permissions/ownership/mounting/unmounting file systems
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- Configuring AMI of EC2, Snapshots for Backup and Restore
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PERSONAL PROFILE:

Father's Name : Chinnapaiyan G
Date of Birth : 30/05/1993
Sex : Male
Nationality : Indian
Marital Status : Single

Place: Bangalore
Date:

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