Soumya Das

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Summary

Having 8 years of relevant experience in Backup and Linux Administration. Cross-functional IT experience in the areas of Server administration and technical support. Exposure to Red hat Enterprise Linux and SUSE Enterprise Linux operating system.

Experience

- Installation and configuration of RHEL servers.
- Full understandings of UNIX file systems, boot processes
- Performance Monitoring & Kernel Parameters Tuning in RHEL
- Installation and Managing of RPM Packages
- Automation of jobs using CRON scheduler
- User Account management – Users and Group creation and Customization
- Setting up file, folder permission using ACL, SUID, GUID and Sticky bit
- Knowledge on the Linux environment, tools and support processes
- Monitoring disk status, system processes, user process activity, memory activity, using ps, free, vmstat, w, uptime, netstat and top utilities
- Memory and Swap Space management
- Disk administration using LVM, Disk Mirroring, Stripping and management.
- RHEL and SUSE Patching and Upgrade.
- Basic knowledge on Networking
- Experience in managing the users in the IT environment.
- Hands on experience in troubleshooting issues for users working on VWS blades.
- Knowledge in managing Data center related activities by coordinating with the Vendors and third parties.
- Basic knowledge on VMware Administration.
- Willing to learn new technologies and maintain industry knowledge

Technical Skills

• NetBackup• Data Domain • Avamar• RedHat Linux • Unix• VMware vSphere • AWS cloud service

Education

Koustuv Institute of Self Domain, BPUT University	Odisha,	India
Bachelor in Computer Application with Grade 82%	May	2014

Projects

Company Name	: SHELL India Markets PVT LTD
Designation	: Senior IT OPS Engineer
Duration	: December 23rd 2019 to October 23rd 2022
Key Clients	: Shell

Job Profile   : Part of TUS team comprising of total 3 Engineers responsible for providing support for the users of INDIA i.e, Bangaluru, Chennai and Hyderabad. Core work includes Support for users working on VWS blades.

Skill set & Job Responsibilities:

- Troubleshoot VWS blades connection issue
- Providing support by troubleshooting HP RGS connection and freeze issue
- Coordinating with the VWS, SSW team for any major issue faced by the users
- Coordinating with the site engineers and the vendors for any change activity scheduled in Data centre
- Help users to raise request for access to project drives or to any folder for their day-to-day work.
- Help users to raise request to get applications on their system.
- Configuring the server with PBRUN and centrist concepts.
- Knowledge of RAID concept.
- Worked on a project for TCS storage data housekeeping for cost cutting.
- Lead the project "Request Acceleration "to ease the task of request raising by end users by coordinating with other stake holders.

Company Name	:	Dell EMC
Designation	:	Service Delivery Engineer II
Duration	:	November 2014 to Oct 2019
Key Clients	:	Pfizer, AIG, Bank Of America
Job Profile	:	Part of LINUX team comprising of 20+ engineers responsible for providing support for the clients production & development servers.

Skill set & Job Responsibilities:

- Installing and Managing Virtual Machines.
- Providing support by handling installation, troubleshooting & configuring the Linux servers.
- Performing migration of major upgrade from Enterprise Linux 5 to Enterprise Linux 6 and Linux RHEL 7.
- Efficiently handled areas like Logical Volume Manger & User administration.
- Managing ext3, ext4 and xfs File system and troubleshooting file system related alerts.
- Creating and configuring VM with OVM template and configuring Oracle servers from OS point of view.
- Configuring servers with the packages fetched from RHEL satellite server.
- Configuring the server with PBRUN and centrist concepts.
- Knowledge of RAID concept.
- Managing Network file system and troubleshooting.
- Responsible for monitoring system performance and supporting servers to improve the performance.
- Backup & restore the file systems using LVM snapshot.
- Supporting hardware replacement activity by coordinating with the customer and hardware team.
- Configuring local yum repository for OS patching.
- Adding/removing swap space addition using LVM and file.
- Kernel module addition and exclusion.
- Kernel parameter tuning for installing and configuring database.
- Knowledge on Access control list.
- Migrating VMs across hosts within a HA cluster to perform maintenance tasks on ESXi hosts.
- Using VMware vMotion to eliminate application downtime from planned server maintenance by migrating running virtual machines between hosts.
- Creating clones from existing VMs.
- Deployed several VMs from Templates and customized their configurations as-needed
- Remote Server Administration using SSH

- RHEL server patching and upgrade.
- Windows VM creation and configuration
- Windows Server Patching and upgrade
- Resolved patching related failures on both Linux and windows
- Basic troubleshooting on windows performance, package and access issues

Apart from working on Linux environment, I have experience as an L1 under Backup profile for customer Bank of America:

- Handling around 60+ master servers
- Performing health check on all the master servers
- Restoration of client backup
- Tape management
- Performing tape library health check for SL8500 and L700 libraries
- Media management (removing tapes, adding tapes, bp labelling, inventory and other activities)
- Backup Monitoring, Investigating and troubleshooting of NetBackup Backup related issues.
- Maintaining scratch volumes
- Performing NAS restoration on Networker.
- Performing Avamar Restores
- Performing Avamar grid health check.
- Performing Avamar backup related issues and replication failure issues
- Familiar with creating SR and working with support to resolve the issue.
- Familiar with ticketing tools such as Maximo Remedy and Service NOW
- Worked as a team lead of L1 team for backup team for customer "Bank of America"
- Managing the team with strength of 25 members, by managing their performance and other key criteria.
- Have hands on experience on excel platform.

Apart from this, I have basic knowledge of storage and network management.

Leadership

- **Lead** a team of 25 members as a team leader to facilitate day to day activities.
- **Managed** a project "Request acceleration" using agile framework by coordinating with third party vendors.

Social Initiatives

- Closely associated with SAAHAS, organized several programs in EMC
- Been an active participant in CSR activities help indoors and outdoors

Others

- **Interests**: Reading, Travelling
- **Language**: Hindi, English, Maithili