SUNIL KUMAR SINGH

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OBJECTIVE

I am seeking a position where I can use my technical skills, troubleshooting capabilities, and analytical talents to make the work environment more efficient and productive. Moreover, where I can enhance my skills and potentials to the optimum level and utilize them for the individual as well as for development of the organization.

WORK EXPERIENCE

Organization	Designation	Duration
1. NTT DATA Services 2. HCL TECH.	Linux/Unix System analyst Sr Specialist	SEPT. 2014 to Feb 2019 FEB 2019 to Present

SUMMARY OF EXPERIENCE

- 5.5+ years of IT Industry Experience in IT Infrastructure, System Management, Configuration, Implementation, and Troubleshooting in Linux based environment.
- Creating and decommissioning servers in AWS, Azure, Openstack and VMware and maintaining them when live.
- Creating S3 buckets in AWS for data management.
- Providing the cloud infrastructure to clients depending on their requirement
- Worked on OpenStack Deployment.
- Knowledge and experience of configuration management tool [Ansible].
- Working experience of Step by step Instance Creation in OpenStack
- Troubleshooting on RHEL 5, 6 and 7
- Installing Patches, upgrade Firmware, Monitoring and troubleshooting Linux Servers
- Disk and File system Management.
- Working with LVM & NFS.
- Troubleshooting Hardware System issues and their replacements.
- Configuring network interfaces.
- Monitoring system Performance of Virtual memory, Managing Swap space,

Disk utilization and CPU utilization and performance.
- Installations of different Agents and software on Linux servers.
- Setup AD authentication for servers using SSSD .
- Physical and virtual server build.
- Used Configuration management tools like Ansible .
- Knowledge of user management and LVM in AIX servers.

TECHNICAL SKILLS
- ***Operating systems***: Redhat Linux (RHEL 5, 6,7), Cent OS.
- ***Services and applications:*** Cron, SFTP, FTP, NTP, HTTP/HTTPS, SSSD etc.
- ***Server Platforms:*** Dell PowerEdge M620/M820.
- ***Storage Solution and tools:*** LVM, ASM, NFS, SAMBA,ANSIBLE
- ***Languages & other Tools:*** C, C++ , Shell Scripting , Ansible
- ***Virtualization:*** Build new VM Guest using Golden image, Modifying VM Guest on request for adding storage, increasing/decreasing Memory, CPU & VLAN change etc. VMWare Tool installation and update.
- ***Cloud :*** OpenStack[Deployment],AWS

ACADEMIC HIGHLIGHTS

- PG-DITISS from CDAC,Bangalore(2014)
- B.E in Computer Science from RGTU (2013), Bhopal, Madhya Pradesh.
- Passed class XII from CBSE(2008)
- Passed class X from CBSE(2006)

TECHNICAL CERTIFICATIONS/TRAININGS

- ITIL foundation(Incident / Request/ Problem / Change Management) training in OCT. 2014
- 45-Days Training of Redhat Linux 6 Administration(RHCE Level) from LINUX SOLUTION.

JOB PROFILE

Professional Experience:

Organization : HCL Technologies, Noida
Designation : Sr. Specialist
Period   : Feb 2019– Present
    Client: KDP

Organization : NTT Data Services, Noida
Designation : System Admin Analyst

Period   : September 2014 – Feb 2019
    Client: CoreLogic , GBT, Tenet, Novelis

Environment : Data Centre located at Quincy, Washington (USA) and at Plano (DR location) consisting of 2000+ UNIX Servers which include DELL Poweredge Servers running RHEL/SUSE Linux, IBM Power Systems running AIX 6.1 and Sun Sparc Enterprise M-series and T-Series servers and VM servers hosted on VMware vCenter.

Roles & Responsibilities:

- Taking Ownership of the incidents and resolving them within Service Level Agreement (SLA)
- Troubleshooting all operational issues, perform changes for Production and Non-production environments
- Automating routine tasks using Shell Scripting
- Quarterly ROOT password update on 2000+ servers
- User management, providing server access and sudo privileges on Linux and AIX servers.
- Creating and decommissioning servers in AWS using AMIs, Azure and VMware and maintaining them when live.
- Creating S3 buckets in AWS for data management using aws cli.
- Using Cloudwatch and cloudtrail services for monitoring the activities on servers.
- Creating load balancers.
- Take and manage snapshots of EBS volumes and RDS in AWS using console and aws cli.
- Maintaining users (IAM Roles, MFA), subscriptions in Azure & AWS.
- Worked on discovering new LUN assigned to Physical servers on Linux Host to create new volume or extend existing one.
- Configured ASM disk using udev rules on RHEL 6 and 7, these disk are used by oracle database.
- Configured RAID 10 on M620/820 Dell Server Using iDRAC Storage option. This Logical Volume was to be used for Oracle.
- Deploying new VM using template, Installing and configuring Physical server as per production need
- Migration of Standalone Network Link to high available link using Bonding (Active-Active mode).
- Performed OS Patching using Redhat Satellite server on RHEL5,6 & 7. This involve pre-patching task and post patching checks on VM Guest and Physical servers.
- Upgrade of Firmware for Physical servers (M620/M820/R630/HP-Prolient Series serves). This include BIOS, LCC, and iDRAC and HBA card firmware.
- Worked on Moving Volume group from one server to other as per required of Business.
- Involved in pre-patching and post-patching activities that are part of bug fixes and quarterly patching
- Storage Migration of Linux Physical servers using multipath
- Working on Vulnerability Remediation Requests.
- Installing/upgrading Netbackup clients, VMware tools and other software.
- Co-ordination with the Team, client and customer for the case updates.

- Co-ordination with the Data center technician/Field Engg and follow up for the closure updates.
- Configure new printer Q and modify existing on RHEL Server.
- Working on security audit requests.
- Preparing list of all tickets with their aging details by pulling from OPAS Remedy tool.
- Documenting processes, troubleshooting information, problems and their resolutions and shares those on SharePoint site.
- Opening Vendor tickets and following up for closure.

AWARDS

- Dell awarded me with 'on the spot' award in October 2015,May 2016, and in Jan 2017
- HCL awarded me with consistent performer in June 2019.

PERSONAL PROFILE

- Father's Name   : Mr. G Singh
- Date of Birth   : 01-09-1991
- Language Known   : Hindi & English (Read, Write & Speak)

DECLARATION

I hereby declare that the above written particulars are true to best of my knowledge and belief.

Sunil Kumar Singh

Date:
Place: Delhi