Praveen Kumar A

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PROFESSIONAL SUMMARY

- Overall **4+ years** of experience in **Linux System Administration** working on **RedHat Linux and cloud environment**.
- We are working under **Agile methodology** projects in my organization.
- Experience in creating the company's **DevOps** strategy in a mix environment of Linux **(RHEL)** servers along with creating and implementing a cloud strategy based on **Amazon Web Services.**
- **Hands on Experience on GCP (Apigee Admin).**
- **Hands on Experience set up jobs and deployments through Jenkins.**
- **Hands on Experience on service now for creating change & request task tickets.**
- Working provide access to Edge environments (Dev,Stage,Prod).
- Working service restarts edge components.
- Working adding BU's groups in Apistore.
- Working proxy tracing issues in Edge environments.
- Working code deployemts through Jenkins in Edge environments.
- Working with users for fixing the issues.
- Experience in configuring and updating the servers using **configuration management** tools like **Ansible.**
- Hands on experience in Apigee Edge and Apistore.
- Good knowledge in trouble shooting Apigee service components.
- Hands on experience in tracing proxy related issues and fixed issues.
- Having hands on experience on installation of OS in servers and required packages.
- Good Knowledge in trouble shooting of servers.
- Installing and configuring of Linux (Red Hat 6.x, 7.x) on servers and workstations.
- Hands on Change management requests.
- Hands on Deployment packages on Production and Dev/UAT servers
- Hands on File system alerts in database management system.
- Hands on Service restart in Critical Applications (ORC, BPM, TREE, GFICI, etc.)
- Hands on SFTP connections issues.
- Hands on User Administration, System Security, Trouble Shooting.
- Have good knowledge in GRUB Boot loader in Linux.
- Have good knowledge in Kernel Tuning, Trouble Shooting.
- Hands on Kernel upgrade, OS upgrade patching in production and dev/UAT servers.
- Hands on performance monitoring tool for checking CPU utilization, Memory Utilization and Disk Utilization.
- Hands on experience with RAID, Logical Volume Manager (LVM) in Red hat Linux.
- Scheduling of automatic repetitive Jobs with Crontab & at, Autosys.
- Configured FTP,NFS, Samba, Apache,DHCP and Send Mail.
- Setup NFS & Autofs file systems and shared them to clients.
- Experience in configuring puppet, chef and ansible on various servers.
- Having good knowledge in Version control and source code management using the **GitHub**, **SVN.**

- Participated in various application life cycle development steps from development, QA to production.
- Use cloud front to set alarms for notifications or automated actions, and to monitor logs for a better understanding and operation of the system.
- Create policies for projects according to client requirements.
- Taking backup of servers and reloading them if necessary or in case of crash.
- Responsible for Customer satisfaction, and SLA management.
- Having good knowledge in **Docker**.
- Having good Knowledge in **VMware vcenter.**
- Having good knowledge in **WebSphere Applications.**
- Having good knowledge in **Jenkins for CI/CD**.
- Having good knowledge in **Splunk, Dynatrace & SCOM Monitoring tool.**
- Deploying the application code as per Client request.
- Provided 24x7 production support and development environments.
- Ability to communicate requirements effectively to team members and manage applications.
- Self-motivated and I can easily adapt new technologies and tools.
- Ability to work in both independent and Team environments

Professional Experience:

- Worked as Associate consultant in **Cybage softwae Pvt Ltd, Chennai** from **Jan 2018 to Oct 2020 (Payroll: Optus Infotech private ltd).**
- Working as I.T. Analyst in **Optus Infotech private ltd, Hyderabad** from **Nov 2020 to till date.**

Achievement and Certifications:

- Received **"Dream Team"** Award in the month of August 2018.
- Awarded with **"Client Loved Badge"** for best performance in project delivery.
- I have trained last 4+ year's 50+ new joiners for project.
- I have 10+ certificates done internally courses for project support.

Technical Skills:

Configuration Management Tools	Ansible
SSH Tools	Putty, Telnet, SSH Tectia
Operating Systems	RHEL 6/7
Log Management tool	Splunk, SCOM, Dynatrace
Secure Assessment tool	CyberArk
Cloud Services	AWS,GCP
Version Control/Repository	GitHub, SVN and Bit bucket, Confluence
Application Servers	Tomcat, JBOSS, Apigee
Web Servers	Apache, Jboss
Ticketing Tool	BMC Remedy, Service now, Jira
Virtualization	VMware, Docker, vagrant

Command Line Editors	Vim, Vi, Nano
Hardware Tools	HP, IBM, SPARC
Web Technologies	HTML
Monitoring Tools	SCOM, SCOM, Dynatrace

Professional Experience:

Project-2:

Project   : Banking Domain
Role   : System Admin
Team Size : 16
Period   : Nov 2020 to till date
Roles and Responsibilities:

- Working provide access to Edge environments (Dev,Stage,Prod).
- Working service restarts edge components.
- Working adding BU's groups in Apistore.
- Working proxy tracing issues in Edge environments.
- Working code deployemts through Jenkins in Edge environments.
- Working with users for fixing the issues.
  System administration, maintenance and monitoring various day-to-day Operations.
- Installing and configuring of Linux (**Red Hat 6.x and 7.x**) on servers.
- Troubleshooting Booting problems and Boot loaders problems.
- Installing, upgrading and removing packages by using RPM and YUM package managements.
- Creating, deleting and modifying the user accounts as per request.
- Applying special permissions using SUID/SGID, Sticky bit.
- Implementing ACL's and changing the ownership of files and directories.
- Resolved the user related problems, Troubleshooting when server doesn't have login access issues for the users.
- Taking care of root file system usage in server
- Providing SUDO access to the user.
- Scheduling system events using Crontab utility.
- Backup & Restoration by using **tar, cpio, and dump.**
- Worked with **SSH & Telnet**. Configured SSH for securing the server.
- Creating and managing the swap.
- Configure hardware, managing files Systems, and monitoring, supporting users.
- Managing user accounts, groups, hosts, file systems.
- Maintaining Linux **Quota System**.
- Configuring and managing of Volume group's (VG's) and Logical volumes (LV's).
- Increase the Volume & File system as per client requirement.
- Configuring and managing RAID Levels (RAID 0, RAID 1, and RAID 5).
- Terminal addition/deletion and Package Updating.

- Diagnosing, monitoring performance issues using PS, TOP, vmstat and netstat. Reviewing logs for failures.
- Monitoring System Performance of Virtual memory, Swap management, Disk utilization, and CPU utilization.
- Installing and Configuring NFS file system and shared them to clients.
- Configuring **SAMBA** Server.
- Configuring **FTP** server to maintain the shared folder within the organization.
- Monitoring resources /system and network link failures.
- Troubleshooting Server down issues like Server not booting up.
- Upgrading the Kernel version as per request.

- Deleting user accounts, automating systems tasks, systems initialization, and startup shutdown.
- Scheduling system tasks, using password protection, checking log files, local area.
- Handling and maintaining the internal Mail Server & mail related issues.
- Monitoring the performance of the server and networks using Nagios.
- Configuring NIC Channel Bonding on RHEL systems.
- Installation and configuration of DM-Multipath on RHEL systems.
- Performs Root Cause Analysis (RCA) for recurring incidents.
- Good Knowledge of ITIL Process Management (Incident, Problem, and Change managements).
- Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups
- System administration, maintenance and monitoring various day-to-day Operations
- Handling issues on server level OS issues like OS reimages
- Coordinating with different support level groups to fix issues around Hardware, NIC
- Handling file system alerts like root, var, oracle, sql, sybase, Netza
- Installing and configuring of Linux (Red Hat 5.5and 6, 6.4,7) on servers
- Troubleshooting Booting problems and Boot loaders problems
- Resolve the user related problems like access, modify, group, mapping, clear the flush
- Handling Vcenter alerts, SCOM console alerts, Oncall alerts, ORC alerts.
- Autosys server related issues like job failure, log finding re change job status.
- Patching servers (production, Dev, UAT, SIT).
- Handling TSM server issues like back up failure, restart services.
- Handling DR/BC activities.
- Disk Replacement and Expand the disks.
- DIMM Replacement and Handling change Request
- Implemented RAID 0-5, Installed and Configured RHEL 5/6/7 on Intel and AMD hardware
- Managed and carried out system maintenance, hardware replacements and upgrades
- Performed system patch and software analysis, installs and configuration
- Setup Role-Based Access control
- Responsible for OS installs, system configuration and upgrades
- Monitored TCP/IP network environment
- Experience with Internet technologies including TCP/IP and HTTP
- Perform Linux Kernel tuning for web, database and application servers
- Installed and configured Apache Web server and integrated them

- Attending daily calls with customers/partners on daily ongoing issues and sharing the recent trends in the market

Project -1:

Project   **: Retail industry Domain**
Role   **: Associate Consultant**
Team Size   **: 10**
Period   **: Jan 2018 to Oct 2020**

Roles and Responsibilities:

- Deploy and monitor scalable infrastructure on Amazon web services (**AWS**) & configuration management using **Ansible**.
- Written Simple **Ansible** YAML scripts to configure the servers.
- Written Ansible YAML scripts that can store the credentials for various sandboxes and secured them on the remote servers.
- Configuring the **Docker** containers and creating docker files for different environments.
- Implement, maintain and support reliable, timely and reproducible builds for project teams
- Hands on experience in automating builds and deployment process using Shell scripting.
- Created the VPC's, configured the subnets, attached the gateway and routing tables to the subnets and deployed the EC2 instances in the subnets created.
- Hands on experience in EC2, VPC, Subnets, Routing tables, Internet gateways, IAM, Route 53, VPC peering, S3, ELB, RDS(MySQL), Security Groups, Cloud Watch, SNS on **AWS**.
- Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
- Provided end-user training for all GitHub users to effectively use the tool.
- Interact with developers and Enterprise Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottlenecks.
- Created and maintained user accounts, roles on MySQL, production and staging servers.
- Configuration Automation using Puppet and Docker Containers.
- Launching and configuring of **Amazon EC2(AWS) Cloud Servers** using AMI's (Linux/Ubuntu) and configuring the servers for specified applications.
- Application (Jboss, calypso, ORC, PAA, IRISK) related issues like restart, Install application, deployments.
- Handling file system alerts like root, var, oracle, sql, sybase, Netza
- MQ mail server alerts like channel status, depth, restart services.
- Managed user accounts and groups for corporate Linux users.
- Managed and support corporate Linux Development servers.
- Familiarity with network systems such as servers, switches, firewalls and routers.
- Manage and perform change control and administration on application servers, web servers, and database servers in company's mission critical production, staging and development environments.
- Knowledge of Internet and networking infrastructure design.