**Panthangi Anil kumar**

**L2 Support- Linux Admin**

**Mobile :** +91-6281272429 **Email :panthangianilkumar11@gmail.com**

**OBJECTIVE :**

To apply the knowledge that I have accumulated from the experience and to achieve advanced skills Regarding new technologies applied in our industry, and to acquire knowledge to achieve a lead position in professional multinational organization in the field of System Administration and Orchestration

**PROFESSIONAL PROFILE:**

**TECHNICAL EXPERTISE:**.

* Possessing over five years of extensive experience in Linux administration.
* Proficient in managing Red Hat Enterprise Linux (RHEL) versions 6, 7, 8, and 9, as well as Oracle Enterprise Linux (OEL) versions 6, 7, and 8.
* Familiar with various Linux distributions including CentOS, Rocky Linux, Ubuntu versions 18, 20, and 22, and SUSE Linux versions 12 and 15 Service Pack.
* Well-versed in OpenShift Container Platform and proficient in Ceph storage systems.
* Skilled in Docker containerization technology and proficient in Podman.
* Experienced in automation and configuration management using Ansible.

**Highlight and Achievements:**

* Expertise in configuring Postfix with both Office365 and Amazon Simple Email Service (SES) in AWS environments.
* Successfully implemented and managed Ceph and OpenShift Container Platform (OCP) clusters.
* Proficient in setting up and managing PCS clusters in Red Hat Enterprise Linux (RHEL) environments.
* Skilled in configuring DNS master and slave servers for Oracle Real Application Clusters (RAC) setups.
* Executed seamless migrations from RHEL7, Oracle Enterprise Linux 7 (OEL7), and CentOS 7 to their respective major versions, Using leap.
* Experienced in configuring SFTP users with tailored folder access permissions.
* Implemented customized rules in the sudoers file to facilitate seamless switching between Active Directory (AD) and AD users.
* Proficient in creating and configuring customized scripts to run processes as systemd services.
* Applied customized cryptographic policies to enhance the security of SSH and SSL protocol algorithms in RHEL8 and newer versions.

**Linux skills:**

* Proficient in managing PCS clusters in Red Hat environments and CRM clusters in SUSE, specializing in cluster building, failover, failback, and related functionalities.
* Successfully configured various server components including Active Directory (AD), Network File System (NFS), Simple Mail Transfer Protocol (SMTP), Network Time Protocol (NTP), Domain Name System (DNS), SAMBA, Common Internet File System (CIFS), repository (REPO), and automount file system (AUTOFS) for both server and client configurations.
* Proficiently conducted migrations from Ubuntu 18 to versions 20 and 22.
* Skilled in configuring web servers such as Apache HTTP Server (apache) and NGINX.
* Implemented optimizations for Oracle Database performance, including configuring huge pages, adjusting ulimit values, and fine-tuning kernel parameters to meet the requirements of both application (APP) and database (DB) users.
* Configured logical volume manager, Creating and modifying logical volumes, volume groups, physical volumes, extending and reducing of the file systems, and configuring LVM with stripped volume
* Experienced on User management Creating Users, deleting existing user accounts as per the request, locking and unlocking users,
* Knowledge on booting process, experience in troubleshooting booting related issues with rescue boot option, and single user mode.
* Applying and modifying permissions to files and directories and applying special permissions SET UID, SET GID, STICKY BIT , ACL and NFSACL permissions.
* Copying data from one server to another server with SCP, RSYNC and FTP.
* Configured SSH password less authentication between the servers.
* Scheduled jobs through AT and CRON jobs.
* Assigning SUDOERS to the Users as per the request, assigning root Privileged Commands to the Users.
* Bonding, Teaming configurations, for physical Vms troubleshooting the network related issues like ports, Nic checking etc

**EDUCATIONAL QUALIFICATION:**

* B.SC(computer science) from VANINIKETAN DEGREE AND PG COLLEGE ,KARIMNAGAR IN 2018 affiliated By **SATAVAHANA UNIVERSITY**

**PROFESSIONAL SUMMARY:**

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| --- | --- | --- |
| **Organization** | **Designation** | **Duration** |
| **CLoud4c services** | **Senior Engineer Linux** | **Aug 1 st 2022 to till date** |
| **CERTIVIEW IT & MANAGEMENT SOLUTIONS PVT LTD.** | **Senior System Engineer.** | March 10th 2018 to July 26th 2022 |

**RESPONSIBILITIES:**

**REDHAT LINUX:**

* Provide System Administration support for development, testing and production in 24x7 Environment.
* Cleaning log files and compress old logs by zipping in OS file systems.
* File System administration and troubleshooting.
* Backup & Restore with TAR AND GUN ZIP.
* Process management related to killing of unwanted process as per the request.
* Experienced on RPM AND YUM for installing software packages, and updating.
* Experienced In service management, managing services as per the request.
* Maintaining patches and packages to keep the servers up to date with latest releases.
* Configured kdump to collect crash dump when the server got rebooted automatically.
* Diagnosis of system performance as per the request.
* Configured temporary swap memory at run time as per the client request.
* FSCK for data consistency of the file system.
* Modifying kernel parameters as per the vendor and client requests.

**Openshift and Ceph:**

* Applying role bindings to users with specific customization
* Creating or removing namespaces .
* Creating PODS with specific resources.
* Monitoring Custer health status
* Creating PV and PVC for PODS.

**ANSIBLE:**

* Used Ansible as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Experienced Installing and setup Ansible to perform deployments.
* Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
* Knowledged on Ansible Roles,Ansible Vaults,Ansible Variables.

**DOCKER:**

* Virtualize the servers using Docker for testing and development environment, using in configuration automation
* Experienced in creating docker containers in various ways like image downloading from docker hub and launch the container , using docker file to generate docker image and launch the container , launch the container using docker swarm
* Experience on configure docker file as per the client requirement and launch the container to perform the testing activity
* We use docker in designed and documented CI/CD tools configuration management

**PERSONAL DETAILS:**

**Date of Birth : 09-06-1998**

**Marital Status : Single**

**Nationality : Indian**

**Languages Known : English, Telugu, Hindi.**

**Alternate Contact No : +91-6281272429**

**Passport : Available**

**(Panthangi Anil kumar)**