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# ADITYA M

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**Overview**

RHCE with over 13+ years of cross-functional experience in LINUX,Ansible,Cloud,Openshift&Infra System Administrator and UNIX Administrator and providing IT solution in various Technologies like LINUX ,UNIX etc. Hands on experience in handling end to end process transition. And creating KB Articles.

**Technical Certification**

* **RED HAT CERTIFIED ENGINEER (RHCE)**
* **Certificate ID :805011775558271**
* **Certificate ID V7 ,V8: 110-746-831**
* **OCI Certified.**
* **AWS solution architect associate**
* **AZ900 & AZ400 Certified**

**Career Features**

**Working as Technical Lead from 16th June 2022 to till with Wipro**

**Worked as Senior Subject Matter Expert Specialized in Linux Admin for Objectwin client with Wipro from Nov 01st 2021 toJune 15th , 2022.**

**Worked as Cloud Application EngineerNITDATA from 14th Dec 2020 to 31st Aug 2021.**

**Worked as Sr. IT System Analyst with YASH Technologies from 14th Feb 2019 to 8th Dec 2020.**

**Worked as Senior Systems Engineer with Sun Technology Integrator Pvt Ltd from 9th Jul 2018 to 08th Feb 2019**

**Worked as Senior Systems Engineer with ATOS from 27th Mar2017 to 6th Jul 2018.**

**Linux Administrator with GLINTSOFT INFOTECH 8th Feb-2011 to 24th Mar2017.**

**Key Responsibilities:**

* Remotely troubleshooting of Servers and database through ssh.
* Troubleshooting file system issues on Redhat Linux.
* Online Software and Hardware Support.
* System Installation on site and Remote.
* Firmware upgradation, OS Patching on site and Remotely.
* Having experience in setting up Zobbix, Grafana, Solarwind, Sitescope application monitoring tools
* Good knowledge on setting up application Infrastructure environment & debugging Application Infra issues
* Perform regular environment Infrastructure & application health checks
* System health check,ITM agent installation and monitoring through IBM ITM.
* Automate security controls, governance processes, and compliance validation
* Experience with multi-tier architectures: load balancers (F5), caching, web servers, application servers, databases, and networking
* Managing LVM,RAID on IBM X3650, HP BL 460c server .
* BMC Remedy ticketing, Incident management, Change management, service management.
* Monitoring server performance CPU, Disk space , application.
* Having have experience in setting up Infrastructure hardware/software, CICD Pipeline
* Involve in installation and configuration of network and local printers.
* Experience on working BMC Remedy, kaseya with Incident Management, Change Management and Service Management.
* Configuring and Managing Linux Servers and performing daily system administration tasks which includes Checking system performance and activity, daily backup and maintenance
* Monitoring servers for stability and taking both proactive and reactive measures to correct and prevent issues
* User administration and password policy management.
* User and File system Administration, Backup & Recovery, Job Scheduling.
* RPM Installation & YUM Installation up gradation and configuration.
* Monitoring server performaceCPU,Disk space , application.
* Maintain and troubleshooting in YUM and NTP server.
* Extensive experience on AWS services like ELB , EC2 , S3 , VPC , NACL's , Cloud Formation, Route 53, Network Connectivity troubleshooting, Hybrid Environments and VPCpeering .
* Experienced in both framework and CloudFormation to automate AWS environment creation along with the ability to deployment on AWS , using build scripts ( Boto3 and AWSCLI ) and automatesolutionsusingShellandPython.
* Experience on AWS , focusing on high - availability, fault tolerance, and auto-scaling using Terraform templates. Along with (CI/CD) with AWS Lambda and AWS Code Pipeline
* Experience in Infrastructure on AWS using IAM , API Gateway, CloudTrail, Cloud Watch, Amazon Simple Queue Service (Amazon SQS), AWS Kinesis, Lambda, NACL, Elastic Beanstalk, Redshift, andCloudFormation
* Hands on experience with TerraformAPI modules to manage infrastructure and publishing moduletotheTerraformregistryandcontributedforend-to-endcongurationmanagementtodeployour
* Expertise in using Ansible to setup Continuous Delivery Pipeline. Deployed micro services, includingprovisioningAWSenvironmentsusingAnsiblePlaybooks.ExpertiseinAnsiblePlaybook, YAML for Maintaining Roles Inventory Files and Groups Variables and Extensively worked on Jenkins.
* Designandimplementscalableenterprisemonitoringsystemsbyapplyingcontinuous integrtion/deliveryconcepts
* Performmaintenanceandtroubleshootingofourenterprise Redhat OpenShift systems
* Work to continuously improve speed, eciency and scalability of OpenShiftsystems
* ExtensivelyworkedwithconguringandmanagementtoolslikeChef,Puppet,Ansibleand expertise in developing Recipes, Manifests and Playbooks in Ruby and YAML scripts to automate the environment.
* Experience in implementation of Puppet agent based and agentless congurations, using Puppet dashboards,CollectivewithactiveMQserver,plugin-sync,storedcongs, Hiera, Facter andwrote Puppetmanifests.
* Worked on migration of Splunk to AWS(cloud) instances. Involved in standardizing Splunk forwarderdeployment,congurationandmaintenanceacrossUNIXandWindowsplatforms
* ExpertiseinAppContainerizationtechnologyDocker,creatingDockerimages,Containers,Docker Registry to store images, cloud-based registry Docker Hub, Docker Swarm to manage containers
* Experience in deployment automation of all the Microservices to pull the image from the private Docker Registry and deployed into Docker Swarm to create a complete docker cluster by using Ansible
* ExperienceinmanagingKuberneteschartsusingHelm.Createdreproduciblebuildsofthe Kubernetesapplications,managedmanifestles&releasesofHelmpackages.CreatedPodsin KubernetesandmonitoredthehealthofpodsusingHelmcharts.
* Git Hub
* Willingness to work on flexible hours for production, backup and on-call support for 24/7 environment
* Installing and Configuring All Linux flavors
* Managing upgrades and patches
* Production & Development user management by controlling logins, directory access using FTP access etc.
* Planning, Formulating and implementing change management activities with the coordination from customer, application team and Vendor on Production systems
* Analysis of various performance related reports and pro active monitoring.
* Exposure to MKSYSB system backup in NIM environment
* Exposure to server builds and server hardening
* Knowledge in Incident/Problem/Change Management practices
* File-system Management: Swap, LVM, multipath
* Patch Management: RHN, YUM and RPM
* Network Servers: FTP, NFS, SAMBA, Apache, DNS, SFTP
* Patching with puppet
* Performance Monitoring: Nmon, sar
* VMware : Administration of Linux virtual servers,
* Resource allocation Network: Bonding, aliases, netstat, tcpdump , traceroute
* Capability of troubleshooting performance issue. System Security, integration, analysis, architecture &support skills.
* Having strong Experience on OS administration skills on linux.
* Hands on Experience on Redhat Enterprise Linux System Administration .(Version 6 and 7).
* L1 & L2 Infrastructure & application support during development lifecycle
* Volume Manager Administration Network OS /SW installation.
* Os Patching skills on Linux and Unix.
* Good knowledge on linux system files boot process and run levels.
* Experience on working BMC Remedy with Incident Management, Change Management and Service Management .
* Quick response to the problems to meet the SLA and real time monitoring of servers and troubleshooting day-to-day issues.
* Administration of Linux & Unix servers ,Management console user group and space creation ,monitoring application.
* Remote console management using Putty and Mputty.
* LDAP servers and IAM Identity and access management.
* Managing sendmail servers.
* Build the new servers as per the client requirement and having scripting knowledge.
* Experience on working BMC Remedy,Kaseya with Incident Management, Change Management and Service Management .
* Perform error analysis and recovery, documentation and procedures required for reference.
* Monitor, Control and perform all scheduled activities on Data Center Systems and remote application servers.
* Quick response to the problems to meet the SLA and real time monitoring of servers and troubleshooting day-to-day issues.
* Administration of Linux & Unix servers ,Management console user group and space creation ,monitoring application.
* Redhat Linux configuration from scratch ,managing,usermanagement,space, AD Integration,quota.
* Remotely troubleshooting of Servers and database through ssh.
* Troubleshooting file system issues on Redhat Linux.
* Online Software and Hardware Support.
* System Installation on site and Remote.
* Performing OS upgrades on Redhat servers from RHEL 6/7 to RHEL 8.
* Building new servers using provisioning tools like ansible and migrating the application from old/legacy servers.
* Installing security tools and hardening the servers based on CIS benchmark.
* Writing the ansible playbooks for day-to-day tasks.
* Monitoring the health status of Staging, UAT and PROD Physical and Virtual machines in multiple Data center using Zabbix Portal. Clearing critical, high and warning alerts triggered in Zabbix portal with the support of Onsite Infrastructure and Development team.
* Adding and removing hosts from defined Zabbix groups.
* Monitoring CPU, Memory, Disk, Network, TCP, JVM Thread and JVM Memory utilization using Grafana.
* Provision new VM with application deployment.
* Handling the resources increase/decrease - vCPU, Memory ,disk for application nodes/VM.
* Handling Change request, Emergency change request related to application/OS related issue.
* Application deployment jobs in multiple nodes in rolling fashion.
* Adding and removing application nodes from F5 service pool using Rundeck jobs.
* Collecting and sharing java application related core, memory and thread dump to development team.
* Maintaining VM and application related troubleshooting steps in Confluence page.
* Update Project plan/Daily task status in scrum page

**Educational Overview**

**B.E (Computer Science) from SATHYABAMA University, Chennai -2009**

**Personal Vitae**

**Languages known** **:**English(R/S/W), Hindi(R/S),Telugu(R/W/S)Kanada (S)

**Interests :**Learning new technologies, surfing net, redefining thoughts & knowledge as per the current scenario in the field of information technology, acquiring, rebuilding & revising all the development tools from intermediate level to expert level.