

Mareeswaran.S

Cloud Operation Engineer

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Summary

Cloud Operation Engineer with 5.2 years of hands-on experience in architecting/ automating and optimizing mission critical deployments over large infrastructure. Proficient with Configuration Management tools, and in developing **CI/ CD** pipelines.

HIGHLIGHTS OF QUALIFICATIONS

- Administration and management of **500+Linux and Ubuntu servers** using **Ansible**.
- Expertise in **Windows Servers**.
- Expertise in **Azure**.
- Expertise in **Mysql** and **Mongodb** Servers.
- Implementing Configuring various component in **AWS** like **INSTANCE ,S3 BUCKET,RDS,EC2, and IAM** using ansible.
- Developing **CI/CD** roadmap and implementing to the project.
- Automation tools : **Ansible**.
- Knowledge and hands on experience in **Code Commit**.
- Knowledge and hands on experience in **Writing Playbooks**.
- Knowledge and hands on experience in **GIT**.
- Knowledge and hands on experience in **kubernetes**.
- Knowledge and hands on experience in **Jenkins**.
- Expertise in **nagios**.
- Expertise in **Victorops**.
- Expertise in **datadog**.
- Expertise in **Jumpcloud**.
- Expertise in **TSRM,Service NOW** and **JIRA** Tools.
- Expertise in **server troubleshooting**.
- Expertise in Installing and configuration of **vmware** .
- Expertise in **migration** of infrastructure to cloud .

- Understanding of **Storage, Backup** and network.

TECHNICAL EDUCATION

B.E in Electronics and Communication Engineering, 2014

EXPERIENCE

SDL Technologies India Pvt LTD, Bangalore

Product Based Company(Language Translation) - Client :-400+client(Worldwide)

Cloud Operation Engineer

Dec 2019 - present

- **Linux** Server deployment.
- **Windows** server migration.
- Handling **Aws** services like **EC2,IAM,S3,ELB**,etc..
- Handling Devops Tools.
- Handling **Azure servers**.
- Handling azure to aws or **NTT-EC2 cloud migration**.
- Handling **SQL server database Creation/Backup/Restore** activities.
- Creation New infrastructure in **AWS** and **Alibaba cloud**.
- Building a new server in **AWS** and **NTT-ECL2** environment.
- Handling **kubernetes**.
- Expertise in PRTG and Statuscake monitoring tools.
- Creating DNS using **godaddy** and **Route53**.
- Handling Migration activities.
- Expertise in Application part in the servers.
- Handling Servicenow Tools for raising CR,Service Request.
- Handling Customer tickets related linux deployment and windows platform
- Handling On-Call related tasks.

Tata Consultancy Services, Kochi. Client-ControlTec(Car Manufacturing Account - US)

Cloud Engineer

Feb 2019 - Dec 2019

- Automating various tasks given by various operation and implementation teams.
- Handling **Aws** services like **EC2,IAM,S3,ELB**,etc..
- Troubleshooting the issues and testing product to make a stable platform.
- Testing of new products and implementing in production .

- Automating aws using **ansible** .
- Server patching process.
- Expertise in Migration Process.
- Access related issues in **MySQL** like providing access and creating user,etc..
- Expertise in **Mongodb** like select,insert,update,drop queries based on customer requirements,etc..
- Handling **500+ server** issues like disk usage high,no data alerts,website is down oriented issues.
- Expertise in **SSH** like connecting servers and applying changes based on the issues or customer requirements.
- Hands on working experience on WebServer(**Apache**), Application Servers (**Tomcat**), DB Server (**MySQL**).
- Expertise in Adding rules in server(inbound and outbound rules).
- Creating **Datadog** alerts(disk usage alerts,memory usage alerts,lsof file alerts,cpu usage alerts)
- Expertise in **Nagios** configuration and monitoring.
- Expertise in **Jira**(Checking customer tickets like mysql,mongodb,General IT issues,etc).
- Writing **Playbooks** to manage configurations and automate installation process for web servers and application server in AWS instances.
- Expertise in **Tsrn,Service Now** tools(Monitoring tickets)
- Expertise in **Victorops**(Monitoring Server alerts).
- Expertise in **Jumpcloud** like generating SSH Key,etc..

IBM India Pvt Ltd - Chennai

Sep 2015 – Dec 2018

Subject Matter Expert (SME)

- Installing Linux (RHEL 6/7, CentOS and Windows) on HP blade, Dell R series servers using PXE with kickstart.
- Building servers BM/VM (NIS, NFS, KickStart, File Servers, DNS, DHCP, HTTP, rsyslog, Samba and Print Servers)
- Installation of esxi and vcentre.
- Installed, configured and **maintained the Apache, MySQL** and PHP in Linux.
- Troubleshooting and analysis of hardware and software failures for various Linux servers (core dump and log file analysis).
- Troubleshooting of Kernel , Boot , Application ,Storage , Hardware,Network , Security and RPM issues.
- Migrating the running VM from one host to another using vMotion Technique.
- Installed and configured Apache Web servers on Red Hat Linux.
- Applying appropriate support packages/patches to maintain system integrity.

- Managing swap configuration, CPU optimization, memory maintenance Scheduling Automated jobs for backups, refreshes and failover,
- Setting up directory shares through Linux NFS servers and configuring clients (/etc/exports, /etc/fstab)
- Updating **YUM** Repository and Redhat Package Manager (RPM) to maintain the productive environment.
- Configured NIS server and client in a NIS domain.
- Managing data using logical volumes, creating physical volume, volume groups and logical volumes. Extending logical volumes upon request from user community and tuning file systems such as ext3, ext4, XFS.
- Performing Red Hat Linux Kernel Troubleshooting and Diagnosing.
- Maintaining all servers backup using TSM(IBM TOOL) .
- Granting Remote Access for users working remotely. Resolving remote access issues and actively monitoring for unauthorized access attempts.
- Reviewing system logs, security logs to monitor, detect and react to system failure events.
- Performed User management, group management, access management tasks on daily basis.
- Installing, configuring and supporting **MARIAB** running on Red Hat Enterprise Linux environment.
- Providing direct user support for issues via email and ticket system.
- Provided on-call 24 hour network engineering management and system administration support to include complete operational support to meet the evolving business requirements of the network.
- Installation of openstack and adding compute nodes to existing production platform.
- Installation of Esxi ,Vcentre and administration .
- Automated all possible configuration and deployments using ansible, shell and python.
- Administration and configuration of **AWS** .
- Expertise in **mongodb,MySQL**.

COURSES COMPLETED

- Red hat Certified Engineer(EX200).
- Red hat Certified System Admin(EX300).
- Devops(Ansible and Devops Tools).

