**Nageswara Reddy**

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**Career Object:**

Over have 4 years of experience in IT Sector, Linux system admin and AWS cloud. Looking for a challenging position in the organization where my knowledge would make a significant contribution to the company’s growth, which would enhance my skills.

**Profile Summary:**

* Having **4 years** of experience in **Amazon web service** cloud infrastructure **Solution Architect.**
* Linux system administrator having experience.
* Configure Elastic Cloud Compute (EC2) instances of Linux and Windows.
* Configure Elastic Load Balancers (ELB) for distributing incoming application traffic across multiple EC2 instances.
* Configured the Cloud Watch monitoring tool to sending the notifications if the app goes down and monitor the network traffic.
* Monitor AWS resources using Amazon Cloud Watch and track events using Cloud Trail.
* Configure VPC, subnets; make connection between different zones, blocking suspicious ip/subnet.
* Documenting all the processes for above, issues caused and its solutions in timely manner.
* Continuous monitoring of firewalls like security group as well as network ACLs in AWS cloud and sharing the vulnerability report with the security teams and network teams.
* Creating Vpc’s and vpc peering with private subnets.
* Backing up the EC2 instances volumes by creating the snapshots and saving them in S3 buckets for Disaster Recovery (DR).
* Taking instance backups as Amazon Machine Image (AMI) and launching these when we need similar servers.
* Creating RDS database instances related environment like Mysql, auroradb, dynamodb, sql server, postgre.
* Uploading or creating new web app environment as for client requirement chosen platform like java, node.js, php, python, ruby and monitoring.
* Maintaining and upgrading the EC2 instances according to the requirements.
* CloudTrail services can tracking the actions done by the users monitoring by unexpected actions.
* EBS Volumes, EIPs, Snapshots, AMI’s. Creating AMI images from existing instances and copy them to different regions / availability zones.
* Experience on Operating system REDHAT Linux 6& 7 versions.
* Experience on LVM partitions configuration and maintenance.
* Experienceon **Use**r and **Group** Administration.
* Task scheduling by **crontab** command and crontab permissions for team.
* Enhanced user security with **SUDO --** To set limited user privileges.
* **Red Hat package management --** Install, update and remove the packages.
* Package installation from **YUM Server.**
* Monitor the **Linux Servers** regularly for CPU utilization, memory utilization, and disk utilization.
* **Managing Services --** To start and stop the services and restart and reloading the services and check the services status.
* Experience with **Network file system (NFS) server** to share the files and directories from primary server to standby servers.
* Configuration of **FTP Server** for down loading and uploading the files and **Lock** and **unlock** the users for accessing **FTP server**.
* Knowledge on Configuration of **Syslog Server.**
* Creation of **Link Files – Hard Link** and **Soft Link.**
* Git Version control system Monitoring tool knowledge.
* Maven software management tool knowledge.
* SCM source code management tool knowledge to build and deploy, testing the source code through maven tool.
* Jenkins automation tool knowledge to create new project and new jobs creation and maintain build history

**Cloud Technologies:**

Amazon Web Services: EC2, S3, ELB, Auto scaling Servers, Glacier, Storage gateway, Elastic Beanstalk, CloudFront, Elastic Cache, RDS, VPC, Route 53, Cloud trail, IAM &Roles, SNS subscription service, Dynamo DB, SQS, Cloudwatch, Jenkins, GIT, Maven, SCM.

**Technical Skills:**

* Operating Systems : Redhat Linux, Windows 2007 &2010.
* Linux Servers : Dhcp, Dns, Ftp, Nfs, Sftp, Apache.
* Monitoring tools : Cloudwatch.
* Database : RDS.
* Automation tools : Jenkins, Git, Maven.
* Scripting : Bash shell scripting and JSON scripting knowledge.

**Employment Summary:**

* Working as a Technology Analyst in **Infosys Limited** from Nov-2013 to Till Date.

**Certification:**

* AWS Solution architect associated (SAA) certified.

**Education:**

* B-Tech (ECE) Graduated in the year of 2013 from JNTU Hyderabad.

**Project:**

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| **Project Name:** | Medical Healthcare solution |
| **Role** | Technology Analyst (AWS) |
| **Environments** | Amazon web service cloud services env |

**Responsibilities:**

* Tier 2 support and managing the services within the AWS and global IT infrastructure.
* Maintaining highly reliable 24x7x365 Linux production servers for internal, global and AWS EC2 instances.
* Launched windows server ec2 instances and connected through remote desktop protocol RDP.
* Managing the AWS services through Cloud Watch monitoring tool to check critical server’s health, performance, security, disk usage. Etc.
* Creating RDS database instance backup through snapshots restore it back and creating instances.
* Installation, support of applications and new projects for specific business needs.
* Installation, configuration and maintenance of Linux Servers such as DHCP, DNS, FTP, NFS, SFTP, SAMBA, HTTPD, APACHE.
* Maintain internal data centre and AWS servers for 100% uptime.
* Costing, Design, building and managing the infrastructure environments needed for the projects in the AWS hosting platform.
* Actively monitor research and analyze ways in which the services in AWS can be improved.
* Produce monthly reports and activity where needed and explain any abnormal system performance.
* Make recommendations to improve health of the system where necessary.
* Provide on-call support as scheduled and also provide support to other on-call support people for critical incident where expertise help would be required.
* Provide support to the technical escalation from the team and Coordinate service calls and requests with team members where necessary.
* **CloudTrail** service which are actions done by the users monitoring unexpected actions.
* Worked with **CloudFormation** service to creating new working environment and also supporting to team related issues solving time.
* Working with **Route53** service to creating hosted zones which are used in environment creation DNS names.
* Creating a **S3 buckets** for each environments and storing the data for bucking up and disaster recovery.
* Working with **Elastic Load Balancer (ELB**) launched ec2 instances and distribute the incoming traffic, checks the health of the servers to providing high availability.
* Uploading the data using the **tar** command to archive the files and **zip** used to compress the files and **gzip** used uncompress the folders to security protection of data.
* **Red Hat package management --** Install, update and remove the packages.
* Package installation from **YUM Server.**
* Monitor the **Linux Servers** regularly for CPU utilization, memory utilization, and disk utilization.
* **Managing Services --** To start and stop the services and restart and reloading the services and check the services status.
* **Job Automation--** Scheduling automation jobs with **Cron** and **At**
* **Administrating remote system -- Remote shell access** and **Make trusted relation** between one system to another system.
* File system **backup and restore** using **tar.**
* Remote file transfer with **SCP** and **RSYNC.**