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**Career Object:**

 Over have 2+ years of experience in IT Sector on 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 2+ **year** of experience in **Amazon Web Service** cloud infrastructure **Solution Architect.**
* Configure Elastic Cloud Compute (EC2) instances of Linux and Windows virtual servers.
* Configure the Elastic Load Balancers (ELB) for distributing incoming application traffic across multiple EC2 instances.
* Configured the CloudWatch 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.
* 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 LVM partitions configuration and maintenance.
* Experience on **Use**r and **Group** Administration(IAM).
* 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.
* Apache web server **(HTTPD)** configuration and hosting web site.
* Working with Apache web server issues resolved.
* Samba server configuration to share the directories to other os platforms.

**Cloud Technologies:**

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

**Technical Skills:**

* Operating Systems : Redhat Linux, Windows 2007 &2010.
* Linux Servers : Dhcp, Dns, Ftp, Nfs, Apache, Samba.
* Monitoring tools : Cloudwatch.Nagios, Zabbix.
* Database : RDS.
* Automation tools : Jenkins, Git, Maven, Docker.
* Developer tools : CodeBuild, CodeCommit, CodeDeploy, CodePipeline
* Scripting : Bash shell scripting and JSON scripting knowledge.
* Web application server : Apche, Apche tomcat. :

**Employment Summary:**

* Working as a Technology Analyst in **Cognizant Technology Solutions** from Dec-2018 to Till Date.

**Project:**

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| --- | --- |
| **Project Name:** | Viacom |
| **Role** | Programmer Analyst |
| **Environments** | Amazon web service cloud services environment |

**Project Description:**

Project is on commsmedia based on broadcasting different brands(MTV,VH1,etc) in USA region.Since years out of support several outages within the month it impacted customers ability to view online to improving business to we are using aws cloud infrastructure to high availability with multiple regions to overcome failover component**.**

**Responsibilities:**

* 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 CloudWatch 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.
* 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.
* **Cloud Trail** service which are actions done by the users monitoring unexpected actions.
* Worked with **Cloud Formation** 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.
* 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.**
* File system **backup and restore** using **tar.**
* Remote file transfer with **SCP** and **RSYNC.**
* Knowledge on Configuration of **Syslog Server.**
* Creating Code Repository to sharing the source code files and modified files to store in central repository.
* Code Deploy automation tool is used to creating the automate build, test and deploy to the application process to creating project for code deploy process through Jenkins.
* Git Version control system Monitoring tool knowledge.
* Maven software management tool knowledge.
* Jenkins automation tool knowledge to create new project and new jobs creation and maintain build history