

Teja Kiran

Mobile : 988-682-2129

E-Mail Id : kumarkiran.jami@gmail.com



CAREER OVERVIEW

- Technology Analyst | Infosys Limited | Public Cloud Professional | Sep 2019 – Till date
- Tech Lead | Cognizant Technology Solutions | AWS Admin | Aug 2015 – Sep 2019

PROFESSIONAL SUMMARY

- Having 5.0 Years of experience in IAAS Cloud Technologies.
- Comprehensive knowledge and hands-on experience with service offerings from Amazon Web Services and Azure Cloud.
- Good knowledge and Hands-on in configuring and building infrastructure as code on Amazon Web services platform using Terraform Templates.
- Managing diverse Linux systems and Windows systems handling Installation, troubleshooting and require configurations.
- Good problem resolution and communication skills with ability to work under pressure in a highly visible role.

SKILLS

OPERATING SYSTEMS

RHEL (Red Hat 7.x), WINDOWS 2012,2016

SOURCE CONTROL TOOLS

GIT, BitBucket

CLOUD TECHNOLOGIES

AWS, Azure

Networking

TCP/IP, DNS, SSL, DHCP.

CI/CD TOOLS

JENKINS, DOCKER, Terraform, Ansible

LANGUAGES

SHELL, PYTHON

MONITORING TOOLS

NAGIOS, AWS Cloud Watch

TRACKING TOOLS

JIRA, Kanban

Service Now

PROFESSIONAL EXPERIENCE

Company : Infosys

Client : bpost

Role : Cloud Center of Excellence

Oct. 2019 to Till Date

Roles & Responsibilities:

- Building Foundation components of the AWS Accounts and helping the migration teams in migrating the on-prem applications to the cloud.
- Configured separate OU structure for Prod and Non-prod accounts for control access, compliance and security using the SCPs.
- Implementing centralized Transit Gateway solution for a secured hybrid network connection between the provisioned private network in the AWS VPC and the client corporate network.
- Configured public and private hosted zone in the R53 and associating the private hosted zone with VPC in different accounts using the AWS CLI
- Enabling R53 resolvers for DNS queries from on-premises to cloud and vice versa by setting up Inbound and outbound endpoints.
- Knowledge on setting up AWS SSO setup using the Azure AD structure
- Established a trusted relationship between the On-prem Active Directory and AWS using the AWS AD Connector service which helps in trust to sign in to the AWS applications like workspaces and seamlessly joining windows Instances to the AD.
- Configured centralized logging account to store the VPC Flowlogs, Cloud Trail logs and Config rules in a centralized s3 buckets in the logging account.
- Hardening the base AMIs according to the CIS compliance reports.
- Configured Instance scheduler for EC2 and RDS Instances with different schedulers according to the requirements of the applications teams.
- Setting up the AWS ACM Private CA to create a complete CA hierarchy, including root and subordinate CAs, with no need for external CAs.
- Installing the latest security patches on the EC2 Instances using the SSM Patch Manager service.
- Evaluating and presenting the cost utilization reports using the AWS Cost Explorer in the root account on a weekly basis to the clients.
- Enabling Compute optimizer service and analysing the over provisioned and under provisioned ec2 Instances and take necessary actions accordingly.
- Created Automation task in pulling the EC2 and RDS count from all the accounts to the shared account using the lambda function and also worked on pulling the mandatory tags reports from different accounts to verify whether mandatory tags are provided while launching the resources.
- Implementing the Autotag functionality with the user ID while launching the resources using the lambda functions and python scripts.
- Enabling AWS Backup service to automate the backup of EBS volumes, EC2 Instances and EFS File systems.
- Enabling Cloudfront service keeping origins S3 buckets and Elastic Load Balancers as per the application team requirements for application caching purpose.
- Good Knowledge on setting up the AWS WAF, AWS Shield, Guard Duty, AWS Inspector and AWS Security Hub services.

Company : Cognizant Technology Solutions

Client : PHILIPS AWS MIaaS

Roles & Responsibilities:

- Deploying Infrastructure for all applications in AWS & Azure as per the Cloud Reference Architecture
- Provisioning EC2 instances
- Configured Application and Classic load balancers.
- VPC Peering between different accounts.
- Configured IGW,NAT Gateway,RouteTables,NACLs.
- Configured Custom Cloud Watch metrics for monitoring Memory and Disk Utilization using SSM Agent.
- Configuring AWS Config rules and used to access,audit and evaluate the configuration changes on the AWS Account.
- Automating Stop and Start of AWS EC2 Instances and Azure VM'S using lamda functions and Azure run books.
- Configured Application gateway for the application servers in Azure Environment.
- Cloning of instances using AWS Console.
- Setting up Auto scaling for webserver Instances using launch configuration and Auto scaling groups.
- Scheduling Daily EC2 and EBS backups and cleanup using snapshot lifecycle manager.
- Enabling Guard Duty service and monitoring the AWS account from malicious attack and unauthorized behaviour and enabling cloud watch alerts to trigger the alerts for the same.
- Cleaning of the old AMI's and EBS snapshots using the bash scripting.
- Writing PowerShell scripts to upload server log files to S3 as backup.
- Retrieving the backup files and folders using the EBS snapshots.
- Used AWS policy generator to write policies for IAM and S3.
- Preparing the Cost optimization report using the AWS Right Sizing feature.
- Monitoring Trusted Advisory report in AWS and make sure in reducing cost of unwanted resources, Increase performance, and improve security by optimizing your AWS environment.
- Monitoring the Infrastructure via Nagios and Cloud watch tools.
- Creating and mounting EFS on multiple servers to ensure synchronization of data across the servers.
- Implemented automated patch deployments through AWS Systems Manager.
- Writing Cloud formation templates to deploy the Infrastructure.
- Deploying VMs in the Azure accounts based on the requests.
- Setting up a centralized Trend Micro Antivirus service to secure the Instances hosted in AWS.
- Creating RDS Instances, taking snapshots, restoring the backup during major deployments.
- Data copy back activity on RDS instances.
- Configured SNS and SES services and used for cloud watch notifications and e-mail services.
- Setting up the Guacamole bastion server which provides access to hosts in vpc for both windows desktops(RDP) and Linux terminals (SSH).
- Configured Squid proxy server in AWS replacing NAT gateway.

- Implemented OS patching automation using the AWS Systems Manager
- Mounted Fsx Filesystems for Windows based systems and used as network drives.

Linux Administration:

- Monitoring of system alerts such as CPU loads, memory utilization and file system alerts.
- Installation and configuration of file sharing servers like NFS, SAMBA and CIFS.
- Configuration of Authenticated Reverse proxy server.
- Setting up of SFTP server.
- SSH and SFTP user creation with PEM/PPK files.
- Scheduling jobs using crontab.
- SCP, RSYNC between instances running under different regions.
- Network Utility Checking- ping, netstat, host, ifconfig etc.
- Linux server patching.
- Used shell script to automate the user creation and SSH keys in sftp server.
- Generating and replacing the SSL certificates.
- Written Shell script for 24*7 monitoring of production URLs.
- Managing the Nagios server and configuring the newly launched EC2 Instances.
- Experience with configuration of SSL certificates for enhancing the application security.

Windows Administration :

- Windows server patching.
- Configured PowerShell scripts to monitor the services by using the windows task scheduler.
- Adding windows machines under domain.
- Experience on managing and creating users on windows instances.
- Generating the Pfx certificates and binding to the IIS.
- General troubleshooting at the server level

EDUCATION

- Bachelors of Technology in Electrical and Electronics Engineering.

CERTIFICATIONS

- Six Sigma Yellow Belt, ITIL V3
- AWS Certified Solutions Architect Associate SAA-C02.
- AWS Certified Developer Associate DVA-C01.

Personal Details

- Date of Birth: 01st August 1992.
- Languages Known: Telugu, English and Hindi.
- PAN Number : AYCPJ4441L.
- Address: #1-38/4, Satanarayanaapuram, Chinamushidiwada, Pendurthi, Visakhapatnam.