

Contact

Bangalore

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Top Skills

Amazon Web Services (AWS)

Linux

Shell Scripting

Pallavi A

AWS Cloud Engineer at Tech Mahindra

Bengaluru, Karnataka, India

Summary

- AWS cloud engineer with around 5+ years of experience in IT Infrastructure comprising of Software configuration, Systems Administration, Cloud implementation, Linux Administration and WebSphere Administration.
- Cognitive about designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS).
- Hands on experience in Amazon Web Services including EC2, S3, EBS, ELB, Elastic IPs, Cloud-Front, RDS, Cloud Formation, Route53, SQS, SNS, Auto Scaling, Storage Lifecycle Rules, AMI, Cloud Trail.
- Hands-on Experience in configuration of Network architecture on AWS with VPC, Subnets, Internet gateway, NAT, Route table.
- Configured IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
- Used security groups, network ACL's, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
- Implementing, maintaining, monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.
- Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.
- Experienced with installation of AWS CLI to control various AWS services through SHELL/BASH scripting.
- Experience with AWS data migration tools and technologies including Storage Gateway and Database Migration.
- Possess high working qualities with good interpersonal skills, high motivation, fast learner, good team player and proactive in problem solving to provide best solutions.

Experience

Tech Mahindra
AWS Cloud Engineer
August 2015 - Present
Bangalore

- Managing Amazon Web Services (AWS) infrastructure.
- Proficient in AWS services like VPC, EC2, S3, ELB, AutoScalingGroups(ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail.
- Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Created NAT gateways and instances to allow communication from the private instances.
- Used security groups, network ACL's, internet gateways and route tables to ensure secure zone for organization in AWS public cloud.
- Created and configured Elastic Load Balancers and Auto Scaling groups to distribute the traffic and to have cost efficient, fault tolerant and highly available environment.
- Created S3 buckets in AWS environment to store files, sometimes which are required to serve static content for a web application.
- Configured S3 buckets with various life cycle policies to archive infrequently accessed data to storage classes based on requirement.
- Possess good knowledge in creating and launching EC2 instances using AMI's of Linux and Windows and wrote shell scripts to bootstrap instance.
- Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
- Written cloud formation templates in JSON to create custom VPC, subnets, NAT to ensure successful deployment of web applications.
- Implemented domain name service (DNS) through Route 53 to have highly available and scalable applications.
- Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
- Experienced in creating RDS instances to serve data through servers for responding to requests.
- Created snapshots to take backups of the volumes and also images to store launch configurations of EC2 instances.

Altisource
Linux Administrator/WebSphere Administrator
November 2013 - July 2015 (1 year 9 months)

Bangalore

- Installed and configured Red Hat Linux virtual machines and Windows NT servers for various applications.
- Management of Linux user accounts, groups, directories and file permissions.
- Implemented, configured and deployed new patches, upgrades, bug fixes on both physical and virtual Red Hat Linux servers using satellite server and YUM server.
- Experience in performance monitoring, system tuning, security, backup, recovery and upgrade/patches of Linux servers using Cron tab.
- Implementing, Managing and Troubleshooting hardware devices and drivers, installing the service pack and updating drivers.
- Experience in installing, configuring and maintaining application Server like Web Servers like Apache HTTP and Tomcat on Linux.
- Managed systems routine backup, scheduling jobs, enabling Cron jobs, enabling system logging and network logging of servers for maintenance.
- Involved in WebSphere Application Server environment setup includes IBM HTTP Server, Apache Web Server in UNIX and Windows.
- Responsible for Starting and Stopping Servers, applications, Clusters, And Nodes Agents.
- Federated multiple nodes to the Deployment Manager.
- Installed, configured and maintained IHS Webserver.
- Involved in designing WebSphere Application Server Horizontal and Vertical Clustering.
- Configured WebSphere Application Server in conjunction with Oracle & IBM DB2.
- Configured WebSphere resources including JDBC Providers, JDBC Data Sources, and Connection Pooling.
- Implemented WebSphere Global Security using LTPA and LDAP Server.
- Involved in configuring and setting up Virtual Hosts and Session Management.
- Used Garbage Collector to analyze verbose logs to monitor & assess JVM heap usage.
- Analyzed Console Messages, Java Exceptions, Log Files and Traces.
- Application deploy using EAR and WAR files through deploy scripts and admin console.
- Performed routine management of WAS like monitoring disk space and CPU utilization.

Education

Jawaharlal Nehru Technological University, Anantapur