



AWS

- Introduction to Cloud & AWS.
- AWS Account Creation and Services Overview.
- Compute, Storage and Networking in AWS with EC2, S3, VPC Services.
- Identity Management with IAM.
- Monitor Resources and Application with Cloudwatch.
- Management and Governance with Cloudtrail.
- Managed Database Services using RDS.
- Application Integration using SNS.
- AWS Operations using Systems Manager.
- Cloud Analytics with Glue and Athena.
- Serverless Computing with API Gateway and Lambda.
- Domain Name System and dynamic routing using AWS Route53.
- Infrastructure as a Code using CloudFormation.



EC2



S3



VPC



Lambda



SNS



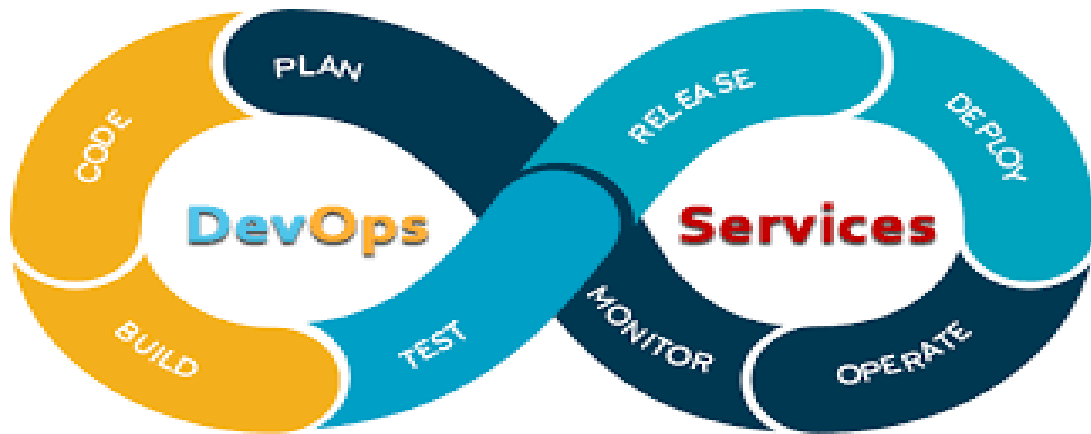
RDS



CloudWatch

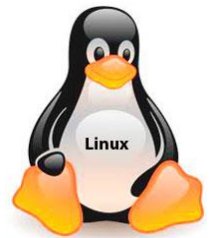


IAM



DevOps

- Introduction to DevOps.
- Linux, Shell Scripting and Networking Concepts for DevOps.
- Programming automation using Python Scripting.
- Source Version Control using Git.
- Configuration management using Ansible.
- AWS CI/CD with CodeCommit, CodeBuild, CodeDeploy & CodePipeline.
- Containerization using Docker.
- Introduction to Container Orchestration using Kubernetes.
- CI/CD using Open Source tools with Jenkins.
- Introduction to Machine Learning using AWS SageMaker.



Jenkins



ANSIBLE



AWS
CodeCommit



AWS
CodeBuild



AWS
CodeDeploy



AWS
CodePipeline



Amazon SageMaker



kubernetes