





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.
- Serverless Query using Athena.
- Serverless Computing with API Gateway and Lambda.
- Infrastructure as a Code using CloudFormation.
- IAC comparison with Terraform and CloudFormation.



EC2



S3



VPC



AWS Lambda



CloudWatch





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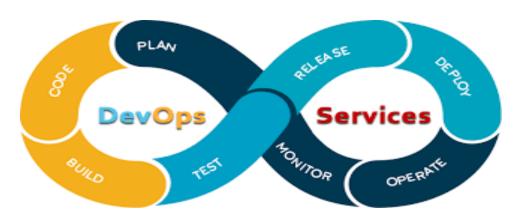
RDS





IAM

AWS CloudFormation





DevOps

- Introduction to DevOps.
- Linux, Shell Scripting and Networking Concepts for DevOps.
- Programming automation using Python Scripting.
- Source Version Control using Git.
- AWS CICD with CodeCommit, Codebuild, CodeDeploy & CodePipeline.
- CICD Tools Comparison for Automation.
- Containerization using Docker.
- Container Orchestration using Kubernetes.
- CICD using Open Source tools with Jenkins.







AWS CodeBuild



AWS CodeDeploy







