

AWS Comprehensive Course Curriculum

Introduction of Cloud Computing

- History
- What is Cloud?
- Why we use Cloud.
- Which cloud we use and Why?
- Where we can Use Cloud.
- Types of Cloud. (Public, Private, Hybrid, Community)
- Deployment Models of Cloud (IAAS, PAAS, SAAS)

Introduction of AWS Cloud

- History
- Few Services provided by the AWS Cloud
- Categories of AWS Services.

Identity and Access Management (IAM)

- Introduction
- Root Account vs IAM User
- Users
- Group
- Policies

Simple Storage service (S3)

- Introduction
- Storage Classes
- Lifecycle Management
- Versioning
- Cross-region Replication
- Storage Gateway



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Elastic Compute Cloud (EC2)

- Introduction
- EC2 Instance Types
- Security Group Basics
- EBS
- Volumes & Snapshots
- EC2 Metadata
- Elastic File System

Databases on AWS

- Introduction
- RDS backups, Multi AZs and Read Replicas
- DynamoDB
- Redshift
- Aurora
- Elastic Cache



**AWS
Comprehensive
Course**

Route53

- Introduction
- Routing Policies
- Simple Routing Policy
- Weighted Routing Policy
- Latency Routing Policy
- Failover Routing Policy
- Geoproximity Routing Policy (Traffic Flow Only)
- Multivalve Answer

Virtual Private Cloud (VPC)

- Introduction
- Subnets
- Network Address Translation
- VPC Flow Logs
- VPC End Points
- VPC Peering
- Direct Connect



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High Available Architecture

- Introduction
- Load Balancer
- Auto scaling Group
- CloudFormation
- Beanstalk

Server less

- Server vs. Serverless
- Introduction
- No Servers Really
- Why Lambda

Cloud Watch

- Introduction
- Monitoring EC2 with Custom metrics
- Monitoring EBS
- Monitoring ELB
- Creating a billing Alarm
- AWS Resource Group and Tagging
- AWS Config vs. AWS Cloud Trail vs. Cloud watch

Application Services

- Simple Queue Service (SQS)
- Simple Workflow Service (SWS)
- Simple Notification Service (SNS)
- API Gateway
- Kinesis
- Elastic Transcoder



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AWS Devops Tools

- Devops in AWS
- Code Pipeline/Code Build
- Code Commit/Code Deploy

KEY FEATURES



Instructor-led Sessions



Learn from Experts



Assignments



24 x 7 Support



Real-time Case Studies



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