

AWS (AMAZON WEB SERVICES - CLOUD)



AWS TRAINING MODULE

Module 1:

- ▶ AWS Overview
- ▶ AWS Introduction
- ▶ AWS Cloud Service
- ▶ History and Evolution of AWS
- ▶ Overview of AWS Products and Services

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Module 2:

- ▶ **Identity Access Management(IAM)**
- ▶ Identity and Access Management(IAM)
- ▶ Overview and Policies
- ▶ IAM Users, Groups, and Roles
- ▶ Configuring IAM Access and Permission
- ▶ IAM (Lab)

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Module 3:

- ▶ **AWS Object Storage CDN - S3**
- ▶ Amazon Simple Storage Service(S3)
- ▶ S3 Overview and Buckets
- ▶ Create an S3 Bucket (Lab)
- ▶ Version Control (Lab)
- ▶ S3 Life Cycle Management
- ▶ CloudFront
- ▶ Create a CDN (Lab)
- ▶ S3- Security and Encryption
- ▶ Import/Export

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Module 4:

- ▶ Amazon Virtual Private Cloud(VPC)
- ▶ Introduction and Overview
- ▶ Build Your Own Custom VPC
- ▶ Network Address Translation (NAT)
- ▶ Access Control Lists (ACLs)

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Module 5:

- ▶ **Elastic Compute Cloud (EC2)**
- ▶ Amazon EC2 Overview
- ▶ Amazon Machine Image(AMI)
- ▶ Launch an EC2 Instance
- ▶ Access EC2 Instance
- ▶ Security Groups Basics
- ▶ Volume and snapshots
- ▶ Create an AMI
- ▶ Load Balancer and Health Checks
- ▶ Cloud Watch EC2

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Module 6:

- ▶ **Databases**
- ▶ Databases Overview
- ▶ Create RDS Instance (Lab)
- ▶ RDS - Backups, Multi -AZ & Read Replicas
- ▶ DynamoDB
- ▶ Redshift
- ▶ Aurora
- ▶ AWS Database Migration Services (DMS)

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Module 7:

- ▶ **Amazon Route 53**
- ▶ Route 53 Overview
- ▶ Route 53 Concepts
- ▶ Route 53 (Lab)
- ▶ Routing Policies

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Module 8:

- ▶ **Application Services**
- ▶ SQS
- ▶ SWF
- ▶ SNS
- ▶ Elastic Transcoder

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Module 9:

- ▶ **Disaster Recovery**
- ▶ Disaster Recovery
- ▶ Overview and Products for Disaster Recovery
- ▶ Disaster Recovery Circumstances with AWS