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We believe that everyone should get the opportunity to learn their desired course. So we provide flexibility timings.

Quick Contact



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amazon
web services™



AWS Overview

- Introduction & History of AWS
- Creating AWS Free-tier Account
- Navigating AWS Management Console
- AWS Global Infrastructure
- Security features of AWS
- Advantages & Disadvantages of AWS
- Cloud Service Model
- Cloud Deployment Model

Compute on Cloud (EC2)

- Managing the EC2 Infrastructure
- Browsing Amazon Machine Images (AMI)
- Specifying security groups and key pairs
- Languages Customizing VM's
- Creating your own AMI
- Creating new images of running instances

Security on Cloud (IAM)

- Controlling account security
- Managing User with Identity & Access Management (IAM)
- IAM User, group, Roles & Policies





Provisioning Resources

- Evaluating Elastic Block Store (EBS) and instance-store root devices
- Assigning elastic IP Address
- Mapping instance types to computing needs

Storage in Cloud

- Storing Data in the cloud (S3 & Glacier)
- Lab: Create an S3 Bucket
- Lab: S3 Version Control
- Lab: S3 Lifecycle Management & Glacier
- Cloud Front CDN
- S3 Security & Encryption
- Storage Gateway
- Import Export
- S3 Transfer Acceleration

Transparently scaling to meet load variation

- Elastic load balancer (ELB) and health check
- Auto-scaling and Auto-scaling Group
- AWS CloudWatch
- Placement Group
- Lab





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Route53

- Route53
- DNS Concept
- Lab

Cloud Formation

- Scripting Infrastructure
- Sample CF Demo



Other Activities

Assessments

- **Objective Assessments**

- Syntactical based
- Scenario based

Note: At least 2 objective based assessments in each module

- **Hands On – Practical Assessments**

- Scenario based

Note: At least 2 Hands on assessments in each module

Assignments

- **Hands On – Practical Assignments**

Note: At least 4 Hands on assignments in each module

Tasks – Home Work

- **Regular tasks on each module**

Note: Tasks are focused more to improve self learning

Resume Support & Interview Preparation

- **Work on one or two mini projects**
- **Discuss and convert the current working project into AWS project to add in resume & to explain AWS experience in interviews**