

AWS CLOUD PRACTITIONER

COURSE CODE: MOOCCSE-A01

DURATION: 10 Weeks.

Course Prerequisites:

Basic knowledge of Computer Networking, Operating Systems

Learning Outcomes:

1. Cloud Practitioner,
2. Architect, Operations

Course Description:

AWS Cloud Practitioner validates cloud expertise to help professionals highlight in-demand skills and organizations build effective, innovative teams for cloud initiatives using AWS.

COURSE DETAILS

MODULE 1: (Introduction to AWS)

TOPIC 1: (Introduction)

- Lecture 1.1: Introduction to AWS
- Lecture 1.2: Introduction to AWS WEB Services
- Lecture 1.3: Types of Cloud Computing
- Lecture 1.4: Cloud Computing Architecture
- Lecture 1.5: AWS Global Infrastructure
- Lecture 1.6: AWS Management Console
- Lecture 1.7: Amazon EBS (Elastic Block Store) VS Object Storage.

MODULE 2: (EC2 Instances)

TOPIC 1: (EC2 Instances win & Linux)

- Lecture 1.1: EC2 Instances 1
- Lecture 1.2: EC2 Instances 2
- Lecture 1.3: Create an Image of EC2 Instance

MODULE 3: (ELB (Elastic Load Balancing))

TOPIC 1: (ELB)

- Lecture 1.1: ELB (Elastic Load Balancing)
- Lecture 1.2: How to create load balancer in AWS?

MODULE 4: (S3 Buckets)

TOPIC 1: (Introduction S3)

- Lecture 1.1: What is Amazon S3?
- Lecture 1.2: Amazon S3
- Lecture 1.3: Amazon Cloud front
- Lecture 1.4: Brief Introduction Cloud Front

MODULE 5: (DNS)

TOPIC 1: (Introduction DNS)

Lecture 1.1: Domain Name System (DNS)

Lecture 1.2: Types of Domain Name System (DNS)

MODULE 6: (RDS)

TOPIC 1: (Introduction of RDS)

Lecture 1.1: Amazon Relational Database Service (RDS)

MODULE 7: (Snapshots)

TOPIC 1: (Introduction Snapshots)

Lecture 1.1: Amazon EBS Snapshots

Lecture 1.2: Creating windows machine snapshot AWS

Lecture 1.3: Elastic IP Addresses

MODULE 8: (AWS Cloud Trail)

TOPIC 1: (Introduction AWS Cloud Trail)

Lecture 1.1: AWS Cloud Trail

Lecture 1.2: Amazon EC2 Reserved instances

MODULE 9: (Identity and Access Management (IAM))

TOPIC 1: (Introduction Identity and Access Management (IAM))

Lecture 1.1: What is IAM?

Lecture 1.2: Introduction to AWS Billing

MODULE 10: (AWS Cloud Practitioner)

TOPIC 1: (Introduction AWS Cloud Practitioner (Billing))

Lecture 1.1: AWS Cloud Practitioner (Billing)