

AWS SysOps Administrator Certification - Associate Level (CT003AC)

Modality: Virtual Classroom

Duration: 4 Days

SATV Value:

CLC:

NATU:

SUBSCRIPTION: Master

About the Course:

Purposes behind Getting an AWS Certification

The Certification of AWS has been intended for 3 significant jobs that can be found in the engineering groups, which are liable for delivering Cloud-Based Solutions, in particular;

- SysOps Administrator
- Developer
- Solutions Architect
- It gets you acknowledgment and also visibility for your abilities
- It empowers you to execute, work and oversee frameworks on the platform of AWS.
- It gains you validity with peers and employers.
- The AWS Certification fills in as a validation of your aptitudes and abilities and is an identification that may even be utilized to land yourself on the list of preferred applicants for work. Furthermore, it has a gigantic effect when referenced on business cards and other marketing collateral.
- AWS offers information and training regarding cloud computing services that permit businesses to create sophisticated and adaptable applications. Consequently, information about these understanding and services on how these can be utilized on the cloud is basic for those experts and businesses who already do or will be required to take a shot at the cloud.

Course Objective:

When the credential is finished, up-and-comers will have the ability to gain complete information on the AWS designs alongside the infrastructure identified with designing and developing applications on the AWS.

Audience:

The course is intended for those IT Professionals who want to obtain the information and aptitudes required for managing the existing AWS infrastructure, alongside identifying execution bottlenecks. Moreover, they additionally learn aptitudes that empower them to clear the exam of AWS Certified Developer.

Pre-requisites:

- Related knowledge in the IT industry or a degree in the field of IT
- Related knowledge with Linux System administration. It is suggested however not compulsory.
- Essential understanding of databases.

Course Outline:

Day 1

- Fundamentals of Amazon Web Services (AWS)
- Amazon S3
 - Hands-on: S3 Lab; Creating Buckets, objects, and managing access control
- Amazon EC2
 - Hands-on: Hosting an Application on EC2

Day 2

- Amazon Relational Database Services (RDS)
 - Hands-on: Deploying and scaling and application using RDS
- Amazon Elastic Load Balancer (ELB)
 - Hands-on: Scaling the Application using Amazon ELB
- Amazon CloudWatch
- Auto-Scaling
 - Use Case Study and Lab: Deploying an auto-scaling app on the cloud using auto-scaling, EC2, RDS, ELB

Day 3

- Amazon VPC
 - Hands-on: Hosting secure applications using public and private subnets
- Identity & Access Management (IAM)
 - Hands-on: Generating groups, users, access policies and control
- CloudFront
 - Hands-on: Setup CloudFront CDN for an Application
- Route 53
 - Hands-on: Moving an existing domain name to Route53 and configuring multi-location Routing

Day 4

- Cloud Formation
 - Hands-on: Generating and Deploying Cloud Formation Templates
- AWS Frequently Used Design Patterns