



AWS SysOps Administrator Certification Bootcamp (Associate Level) CT003AC

Students will attain a deep knowledge of AWS infrastructure and deployment on AWS, and attain skills to pass the AWS Certification Exam.

Length Days: 4/Length Hours: 32

TARGET AUDIENCE

This course is intended for:

- IT Professionals who want to learn to manage existing AWS infrastructure and to identify performance bottlenecks.
- IT Professionals who want to clear the AWS Certification exam.

COURSE OUTLINE

1 - 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

2 - DAY 2

- Amazon Relational Database Services (RDS)
- Hands-on: Deploying and scaling an 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

3 - 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

4 - DAY 4

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

Note: Participants will get the access to the testing platform post training.