

AWS Certified Solutions Architect – Associate (SAA-C02)

Module-1

- Introduction to Cloud and AWS
- Key Benefits of the Cloud
- Global Infrastructure of AWS
- Interaction with AWS
- AWS Well-Architected Framework

Module-2

- Amazon Virtual Private Cloud (VPC)
- Subnets
- Gateways
- Elastic IP (EIP)
- Elastic Network Interface (ENI)
- Security in the cloud

Module-3

- Amazon EC2 Instances and AMIs
- Amazon EC2 Instances with User Data
- Amazon EC2 Instance Types
- Amazon EC2 Pricing Options
- Amazon EC2 Tenancy Options
- Amazon EC2 Placement Groups
- Amazon EC2 Storage

Module-4

- Storage types
- Amazon S3
- Amazon S3 Security
- Moving Data into Amazon S3
- Amazon S3 Versioning
- Amazon S3 Glacier

Module-5

- Connecting Networks
- VPC Endpoints
- Load Balancing

- High Availability
- Route 53

Module-6

- Understanding Elasticity
- Monitoring
- Amazon SNS
- Scaling
- Amazon CloudFront

Module-7

- Root Account and User
- IAM Users, Groups
- IAM Policy and IAM Roles
- AWS Organizations

Module-8

- Why Automate?
- Automating Infrastructure
- Automating Deployment
- AWS Elastic Beanstalk

Module-9

- Building Microservices
- Container Services
- Amazon ECS
- Amazon Fargate
- Going Serverless

Module-10

- Comparing database types
- Managed vs. unmanaged services
- Amazon Relational Database Service (Amazon RDS)
- Amazon DynamoDB
- AWS DMS

Module-11

- Disaster Planning
- AWS Backup & Recovery Strategies