

AWS Certified Solutions Architect Associate AWS Course in Mumbai

- **Module 1** 1.1 Basic Networking 1.2 Basic Linux 1.3 Course Introduction 1.4 Course Overview 1.5 AWS Overview 1.6 Overview of AWS Products and Services
- **Module 2** 2.1 Amazon Virtual Private Cloud (VPC) 2.2 Amazon Virtual Private Cloud (VPC) Amazon VPC and Subnets Knowledge Check 2.3 Networking Knowledge Check 2.4 Using Security Groups and Network ACLs check 2.5 Components of VPC 2.6 Build a custom VPC 2.7 Perform NAT 2.8 Perform ACL & Perform VPC Peering 2.9 VPN & Direct connect
- **Module 3** 3.1 Identity and Access Management 3.2 (IAM) IAM Overview and Policies 3.3 IAM Users, Groups, and Roles 3.4 Managing root account 3.5 Managing MFA & Creating IAM users & Creating IAM groups 3.6 Creating custom policies & Assigning policies to user and group & Configuring IAM roles
- **Module 4** 4.1 Elastic Compute Cloud & Understanding Instances, Volumes, Key pairs, Security Groups, Elastic IP, AMIs, Instance Types 4.2 Cloud Compute with AWS Amazon EC2 Overview Amazon Machine Images (AMI) 4.3 Launch and connect to an EC2 Linux instance, Windows instance 4.4 Introduction to EC2 Instance Types 4.5 Overview of Amazon EBS & Elastic Load Balancing (ELB) 4.6 Auto Scaling AWS Services & Managing snapshots 4.7 Managing rules in security groups 4.8 Configuring a HTTP Elastic Load Balancer 4.9 Creating and deploying image
- **Module 5** 5.1 Amazon Simple Storage Service (S3) 5.2 Amazon Simple Storage Service (S3) S3 Overview and Buckets & Creating S3 buckets 5.3 Managing permissions of a bucket 5.3 Version Control and Lifecycle Management 5.4 Understand and perform versioning 5.5 Understand and perform static web hosting 5.6 Understand and perform life cycle management 5.7 CloudFront and CDNs Knowledge Check Security and Encryption 5.8 Amazon Import - Export Snowball 5.9 Uploading files & Understand and perform cross-region replication
- **Module 6** 6.1 Amazon Route 53 6.2 Route 53 (DNS) 6.3 Understand the DNS archit 6.4 Register a Domain Name Managing records 6.5 Configure Routing Policies 6.6 Weighted Routing Policies 6.7 Latency Routing Policies
- **Module 7** 7.1 Databases Databases Overview 7.2 Amazon Relational Database Service (RDS) 7.3 AMI Databases Key Takeaways 7.4 Amazon DynamoDB & Amazon Redshift Amazon ElastiCache 7.5 AWS Database Migration Services (DMS) 7.6 SQL vs. NO-SQL engines 7.7 Deep dive into RDS & Create a RDS SQL database instance 7.8 Create a cluster 7.9 Access SQL server from EC2 instance 7.10 Create a database 7.11 Perform database backup and restore 7.12 Change properties of cluster and instances 7.13 Deep dive into EFS and FSx 7.14 Deep dive into Dynamo DB
- **Module 8** 8.1 Security Overview 8.2 Security 8.3 Security Practices for Optimum Cloud Deployment AWS Responsibilities and Security Attributes 8.4 AWS CloudFormation and Design patterns 8.5 Disaster Recovery 8.6 Disaster Recovery 8.7 Overview and Products for Disaster Recovery 8.8 Deep dive into Redshift 8.9 Create a redshift cluster 8.10 Deploy database instance in cluster 8.11 Create & manage PostgreSQL database 8.12 Resize the cluster & Perform backup and restore
- **Module 9** 9.1 Server less Compute 9.2 Understanding various server less compute solutions 9.3 Create a Lambda function 9.4 Host an application using Beanstalk 9.5 Create containers in ECS 9.6 Monitoring services 9.7 Understanding and configuring SNS 9.8 Understanding and configuring SQS 9.9 Monitoring resources using Cloud Watch 9.10 Automating resource deployment using Cloud Formation 9.11 Troubleshooting 9.12 Architecting on AWS and Troubleshooting