



Duration: 60 hours

AWS Certified Solutions Architect – Associate

Master AWS architectural best practices and prepare for the Solutions Architect Associate certification. Learn to design resilient, secure, and cost-effective cloud solutions using AWS services and architectural patterns.

- ✦ Module 1 (Introduction AWS)
- ✦ Module 2 (EC2 All)
- ✦ Module 3 (IAM)
- ✦ Module 4 (load balancer & auto scaling & Route 53)
- ✦ Module 5 (VPC)
- ✦ Module 6 (Simple Storage Services S3)
- ✦ Module 7 (Database Services)
- ✦ Module 8 (Cloud Formation & App Services)
- ✦ Module 9 (Aws lambda,Elastic Beanstalk API gateway)
- ✦ Module 10 (Organizations GA, ENI and Backup)
- ✦ Module 11 (aws Migration)
- ✦ Module 12 AWS Live (Project Demo done)



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Module 1 (Introduction AWS)

- ✦ What are Cloud Computing and AWS?

Module 2 (EC2 All)

- ✦ Attributes of EC2 in AWS
- ✦ How to create EC2 instance and connect in AWS
- ✦ How to connect EC2 using PuTTY, MobaXterm, gitbash, direct etc in AWS
- ✦ How to Create and Connect Windows Server in AWS
- ✦ How to Copy EC2 from one region to another using AMI in AWS
- ✦ How to Attach Mount EBS Volume in Ubuntu and Windows in AWS
- ✦ How to take a Snapshot of EBS in AWS
- ✦ How to Create and Mount EFS in AWS

Module 3 (IAM)

- ✦ What is IAM User and Groups in AWS
- ✦ What is Policies and how to attach in AWS
- ✦ What is IAM roles in AWS
- ✦ What is Cloud Watch in AWS
- ✦ What is IAM Access Analyzer in AWS



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Module 4 (load balancer & auto scaling & Route 53)

- ✦ What is Application Load Balancer in AWS
- ✦ Network Load Balancer in AWS
- ✦ Weighted Routing in ELB(Elastic Load Balancer) in AWS
- ✦ What is Sticky Session in AWS
- ✦ ELB and Auto scaling in AWS
- ✦ What is Route 53 in AWS

Module 5 (VPC)

- ✦ What is VPC and Subnet in AWS
- ✦ What is NAT gateway in AWS
- ✦ What is Peering Connection in AWS
- ✦ What is VPC Endpoint in AWS

Module 6 (Simple Storage Services S3)

- ✦ Creating S3 bucket in AWS
- ✦ Versioning in AWS
- ✦ Lifecycle Management in S3 in AWS
- ✦ Static Website Hosting in S3 in AWS
- ✦ What is Cloud Trail and Cloud Trail Lake in AWS



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Module 7 (Database Services)

- ✦ What is Amazon RDS in AWS
- ✦ Amazon Aurora in AWS
- ✦ Dynamo DB table creation in AWS
- ✦ Dynamo DB Table Backup in AWS
- ✦ Elasti Cache in AWS
- ✦ Amazon Athena in AWS

Module 8 (Cloud Formation & App Services)

- ✦ Cloud Formation in AWS
- ✦ What is Cloud Formation Outputs in AWS
- ✦ Cloud Formation Output-II (Parameters) in AWS
- ✦ What is SNS (Simple Notification Service) in AWS
- ✦ What is SES(Simple Email Service) in AWS
- ✦ What is SQS(Simple Queue Service) in AWS

Module 9 (Aws lambda,Elastic Beanstalk API gateway)

- ✦ What is Lambda Function in AWS
- ✦ What is Elastic Beanstalk in AWS
- ✦ What is API gateway in AWS



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Module 10 (Organizations GA,ENI and Backup)

- ◆ Global Accelerator in in AWS
- ◆ AWS Organization in AWS
- ◆ What is Elastic Network Interface in AWS
- ◆ What is AWS Backup in AWS

Module 11 (aws Migration)

- ◆ What is Migration in AWS
- ◆ What is Database Migration in AWS