

AWS Solution Architect - Associate Training

COURSE CONTENT

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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The AWS Solution Architect - Associate training by Multisoft Systems is designed to empower professionals with the skills and knowledge to excel in cloud architecture. This comprehensive program focuses on designing scalable, secure, and cost-effective solutions on the Amazon Web Services (AWS) platform, enabling participants to meet dynamic business needs.

Module 1: Basic

- ✓ Cloud Computing Concepts
- ✓ Service and Deployment models
- ✓ Shared Responsibility Model
- ✓ Virtualization Concepts
- ✓ Architecture and Security Concepts

Module 2: Compute

- ✓ AWS EC2
- ✓ Amazon Lightsail
- ✓ AWS Elastic Beanstalk
- ✓ AWS Batch
- ✓ Other Compute Services Overview
- ✓ AWS Outposts
- ✓ VMware Cloud on AWS

Module 3: Serverless

- ✓ AWS Lambda
- ✓ Other Compute Services Overview
- ✓ AWS Fargate
- ✓ AWS AppSync

Module 4: Storage

- ✓ AWS Backup
- ✓ Amazon Elastic Block Store (Amazon EBS)
- ✓ Amazon Elastic File System (Amazon EFS)
- ✓ Amazon FSx
- ✓ Amazon S3
- ✓ Amazon S3 Glacier

- ✓ AWS Storage Gateway

Module 5: Database

- ✓ Amazon RDS
- ✓ Amazon Aurora
- ✓ Amazon ElastiCache
- ✓ AWS DynamoDB
- ✓ Other DB Services for Review
 - AWS DocumentDB
 - AWS Aurora Serverless
 - AWS Redshift
 - Amazon Neptune
 - Amazon Quantum Ledger Database (Amazon QLDB)
 - Amazon Timestream

Module 6: Container Services

- ✓ Amazon Elastic Container Service (ECS)
- ✓ AWS Elastic Kubernetes Service (EKS)
- ✓ Amazon Elastic Container Registry (ECR)
- ✓ Other DB Services for Review
 - Amazon EKS Anywhere
 - Amazon ECS Anywhere
 - Amazon EKS Distro

Module 7: Networking and Content Delivery

- ✓ Amazon CloudFront
- ✓ Elastic Load Balancing (ELB)
- ✓ AWS Global Accelerator
- ✓ Amazon Route 53
- ✓ Amazon VPC
- ✓ Other Networking and Content Delivery Overview
 - AWS VPN
 - AWS Transit Gateway
 - AWS Private Link
 - AWS Direct Connect

Module 8: Security, Identity, and Compliance

- ✓ AWS Artifact
- ✓ AWS Audit Manager
- ✓ AWS Certificate Manager (ACM)
- ✓ AWS CloudHSM
- ✓ Amazon Cognito
- ✓ Amazon Detective
- ✓ AWS Directory Service
- ✓ AWS Firewall Manager
- ✓ Amazon GuardDuty
- ✓ AWS Identity and Access Management (IAM)
- ✓ Amazon Inspector
- ✓ AWS Key Management Service (AWS KMS)
- ✓ Amazon Macie
- ✓ AWS Network Firewall
- ✓ AWS Resource Access Manager (AWS RAM)

- ✓ AWS Secrets Manager
- ✓ AWS Security Hub
- ✓ AWS Shield
- ✓ AWS WAF
- ✓ IAM Identity Center

Module 9: Migration and Transfer

- ✓ AWS Database Migration Service (AWS DMS)
- ✓ AWS Server Migration Service (AWS SMS)
- ✓ AWS Application Migration Service (AWS AMS)
- ✓ Other Services Overview
 - AWS Snow Family
 - AWS Migration Hub
 - AWS Transfer Family

Module 10: AWS Cost Management

- ✓ AWS Budgets
- ✓ AWS Cost and Usage Report
- ✓ AWS Cost Explorer
- ✓ Savings Plans

Module 11: Analytics

- ✓ Amazon Athena
- ✓ Amazon Kinesis

Module 12: Other Analytics Services Overview

- ✓ AWS EMR
- ✓ AWS Glue

- ✓ AWS Elasticsearch Service
- ✓ AWS Managed Streaming for Kafka

Module 13: Application Integration

- ✓ Amazon EventBridge (Amazon CloudWatch Events)
- ✓ Amazon Simple Notification Service (Amazon SNS)
- ✓ Other Application Integration Overview
 - Amazon AppFlow
 - AWS AppSync
 - Amazon MQ
 - Amazon Simple Queue Service (Amazon SQS)

Module 14: Management and Governance

- ✓ AWS CloudFormation
- ✓ AWS CloudTrail
- ✓ Amazon CloudWatch
- ✓ AWS Command Line Interface (AWS CLI)
- ✓ AWS Config
- ✓ AWS Management Console
- ✓ AWS Organizations
- ✓ AWS Systems Manager
- ✓ AWS Trusted Advisor
- ✓ Other Management and Governance Services for review
 - AWS Compute Optimizer
 - AWS Control Tower
 - AWS License Manager

- AWS Service Catalog
- AWS Well-Architected Tool

Module 15: Developer Tools Overview

- ✓ AWS X-Ray

Module 16: Front-End Web and Mobile Overview

- ✓ AWS Amplify
- ✓ Amazon API Gateway

Module 17: Machine Learning Services Overview

- ✓ Amazon Comprehend
- ✓ Amazon Forecast
- ✓ Amazon Fraud Detector
- ✓ Amazon Lex
- ✓ Amazon Polly
- ✓ Amazon Rekognition
- ✓ Amazon SageMaker
- ✓ Amazon Textract
- ✓ Amazon Transcribe
- ✓ Amazon Translate