Information Technology

AWS Certified Solutions Architect – Associate

Course Introduction

mazon Web Services has altered the market dynamics for businesses and consumers and has now become a standard for enterprises to ensure their services are operated 24/7 regardless of the location. With companies using the AWS platform to deliver on-demand cloud computing services on a paid subscription basis, it needs employees who have an in-depth understanding of the AWS platform.

This training course is designed to provide participants the relevant knowledge and concepts they need to plan, design, and scale AWS services across multiple cloud computing services. This course will prepare the participants in taking the SAA C0-2 exam, and utilize Amazon best practices.

Target Audience

- Cloud Computing Engineer
- Computer Network Specialist
- Computer Support Specialist
- Database Administrator
- Information Technology Analyst
- Information Technology Leadership
- Information Security Specialist
- Software/Application Developer
- Web Developer
- Technology sales consultant

Learning Objectives

- Planning and deploying secure and reliable applications on AWS platforms
- Defining solutions using AWS architectural design principles based on requirements
- Providing AWS implementation guidance throughout the project lifecycle
- Make architectural decisions based on the AWS-recommended architectural principles and best practices.
- Control AWS services to make your infrastructure scalable, reliable, and highly available.
- Leverage AWS managed services to enable greater flexibility and resiliency in an infrastructure.
- Design an AWS-based infrastructure more efficient in order to increase performance and reduce costs.
- Use the WellArchitected Framework to improve architectures with AWS solutions.

Course Outline

- **Day 01**

  Designing Resilient Architectures

  - Designing a multi-tier architecture solution
  - Designing highly available and/or fault-tolerant architectures
  - Designing decoupling mechanisms using AWS services
  - Choosing appropriate resilient storage
- **Day 02**

  Designing High-Performing Architectures

  - Identifying elastic and scalable compute solutions for a workload
  - Selecting high-performing and scalable storage solutions for a workload
  - Selecting high-performing networking solutions for a workload

◦ Choosing high-performing database solutions for a workload

Designing Secure Applications and Architectures

◦ Designing secure access to AWS resources
◦ Designing secure application tiers
◦ Selecting appropriate data security options

• **Day 03**

Designing Cost-Optimized Architectures

◦ Identifying cost-effective storage solutions
◦ Identifying cost-effective compute and database services
◦ Designing cost-optimized network architectures

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Dec. 8, 2025	Dec. 12, 2025	5 days	4250.00 $	UAE - Dubai