Amazon AWS exam prep workshop - Architecting Associate Training

Duration: **2 Day**

BILGINÇ IT Academy
info@bilginc.com
bilginc.com

Overview

This exam preparation workshop is designed to help learners prepare in a structured and practical way for the **AWS Solutions Architect Associate certification exam**.

The course reviews key exam areas including architecture, compute, databases, encryption, high availability, management, security, and storage. In addition to instructor-led theory, participants reinforce their knowledge through topic reviews, knowledge-check questions, and hands-on activities in a dedicated **AWS sandbox environment**.

The aim of the workshop is not only to refresh knowledge of AWS services, but also to help learners build a stronger exam strategy, interpret architecture scenarios more effectively, and approach certification questions with greater confidence.

Participants also receive **one month of access to the Cloud Academy platform** , giving them additional study resources, revision materials, and practice exams to support continued preparation after the workshop.

Prerequisites

Learners should already be preparing for the AWS Solutions Architect certification exam.

They should also have either:

- Attended the official AWS Solutions Architect course, or
- Gained equivalent knowledge and experience

Outline

Day 1 – Foundations and Core AWS Services

Compute Services

- Introduction to EC2 instances and instance families
- Auto Scaling and Load Balancing
- Containers
- AWS Lambda

Storage Solutions

- Amazon S3 for object storage
- EBS (Elastic Block Store) and instance storage
- EFS (Elastic File System) and FSx
- Storage Gateway
- AWS Backup

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Networking

- AWS Global Infrastructure
- VPC
- VPN and Direct Connect
- VPC Endpoints
- Global Accelerator
- AWS CloudFront
- Route 53

Database Services

- Amazon RDS
- Amazon DynamoDB
- Amazon ElastiCache
- Amazon Redshift

High Availability and Management

- Designing for failure
- Backup and disaster recovery
- RDS Multi-AZ
- Aurora High Availability

AWS Architecture

- AWS Step Functions
- Amazon Kinesis
- Amazon Simple Queue Service (SQS)
- Amazon Simple Notification Service (SNS)
- Multi-tier architecture
- API Gateway

Day 2

Security

- Identity and Access Management (IAM)
- Amazon Cognito
- IAM Identity Center
- AWS WAF
- AWS Firewall Manager
- AWS Shield
- Amazon Inspector
- Amazon GuardDuty

Management and Monitoring

- Amazon CloudWatch
- AWS CloudTrail

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- AWS Config
- AWS Organizations
- AWS Control Tower
- AWS Service Catalog
- AWS Systems Manager
- AWS CloudFront
- VPC Flow Logs
- Dashboards
- Cost management
- ETL
- AWS Artifact
- AWS CloudFormation

Encryption

- Encryption fundamentals
- AWS KMS
- CloudHSM
- Amazon S3 encryption
- AWS Secrets Manager
- AWS Certificate Manager

Lab Challenge

- AWS Solutions Architect Lab Challenge
- Practical exercises based on architecture and technical scenarios similar to those encountered in the exam

Exam Question Techniques

- Techniques for breaking down and analysing AWS certification questions
- Review of different example question types
- Identifying important keywords and architectural clues within questions
- Guidance for continued self-study and practice through the Cloud Academy platform