

CLOUD

ADVANCED

3 DAYS

# AWS Solutions Architect Associate

Build a strong foundation in designing and deploying scalable, secure, and highly available solutions on AWS. Learn architectural best practices, advanced AWS services, and disaster recovery strategies while gaining hands on experience aligned with the AWS Solutions Architect Associate certification.

## Why AWS Solutions Architect?

### Improved Technical Capabilities

By having an AWS Solutions Architect on staff, businesses can improve their technical capabilities and better leverage the benefits of cloud computing.

### Better Security

By having an AWS Solutions Architect on staff, businesses can better protect their sensitive data and applications from cyber threats and ensure compliance with industry regulations.

### Cost Optimization

AWS Solutions Architects are trained to design and implement solutions that are cost-effective and scalable. This can help businesses optimize their costs and reduce their overall IT expenses.

## What you'll be able to do

- ✓ Gain a fundamental understanding of AWS services, including IAM, EC2, S3, RDS, and VPC
- ✓ Learn advanced AWS services and security
- ✓ Understand the design and deployment of scalable applications with services
- ✓ Learn about high availability and disaster recovery solutions
- ✓ Understand architectural best practices for designing and deploying solutions on AWS
- ✓ Gain hands-on experience designing and deploying solutions on AWS through practical exercises and labs
- ✓ Prepare for the AWS Certified Solutions Architect – Associate Exam

## Who this is for

- Cloud Architects and Engineers
- IT Managers and Leaders Developers Project Managers

## Curriculum

### 01 Design Secure Architectures

- Design secure access to AWS resources
- Design secure workloads and applications
- Determine appropriate data security controls

### 02 Design Resilient Architectures

- Design scalable and loosely coupled architectures
- Design highly available and/or fault-tolerant architectures
- Apply concepts with guided exercises and validation checks

### 03 Design High-Performing Architectures

- Determine high-performing and/or scalable storage solutions
- Design high-performing and elastic compute solutions
- Determine high-performing database solutions
- Determine high-performing and/or scalable network architectures
- Determine high-performing data ingestion and transformation solutions

### 04 Design Cost-Optimized Architectures

- Design cost-optimized storage solutions
- Design cost-optimized compute solutions
- Design cost-optimized database solutions
- Design cost-optimized network architectures