



AWS Certified Solutions Architect – Associate

This five-day, instructor-led course helps busy architects get away from the day-to-day to get focused and ready for their AWS Certified Solutions Architect – Associate exam. Attendees learn the fundamentals of building IT infrastructure on AWS, so they can build scalable and resilient solutions in the cloud, by spending the first 3 days on the Architecting on AWS course. They'll start getting in the exam readiness mindset with bonus end of module quizzes. Next, they'll learn strategies to answer exam questions and avoid common mistakes with the Exam Readiness: AWS Certified Solutions Architect – Associate half-day course. The course broadens attendees' knowledge of AWS services with deep dives into Amazon Redshift, Amazon Kinesis, and AWS Key Management Service, and then concludes with two quizzes and an instructor guided review of the AWS Certified Solutions Architect – Associate practice exam.

Audience

At least 6 to 12 months of hands-on experience designing with AWS services

Duration : 5 Days

Content of the Training:

Day 1 Architecting on AWS

- Module 1: Introduction

- Module 2: The Simplest Architectures
 - Hands-On Lab 1: Hosting a Static Website
- Module 3: Adding a Compute Layer
- Module 4: Adding a Database Layer
 - Hands-On Lab 2: Deploying a Web Application on AWS
- Module 5: Networking in AWS Part 1
 - Hands-On Lab 3: Creating a Virtual Private Cloud

Day 2 Architecting on AWS (continued)

- Module 6: Networking in AWS Part 2
- Module 7: AWS Identity and Access Management (IAM)
- Module 8: Elasticity, High Availability, and Monitoring
 - Hands-On Lab 4: Creating a Highly Available Environment
- Module 9: Automation
 - Hands-On Lab 5: Automating Infrastructure Deployment with AWS CloudFormation
- Module 10: Caching

Day 3 Architecting on AWS (continued)

- Module 11: Building Decoupled Architectures
- Module 12: Microservices and Serverless Architectures

- Hands-On Lab 6: Implementing a Serverless Architecture with AWS

Managed Services

- Module 13: RTP/RPO and Backup Recovery Setup
- Module 14: Optimizations and Review

Day 4 Exam Readiness: AWS Certified Solutions Architect -- Associate

- Module 0: The Exam
- Module 1: Design Resilient Architectures
- Module 2: Design Performant Architectures
- Module 3: Specify Secure Applications and Architectures
- Module 4: Design Cost-Optimized Architectures
- Module 5: Define Operationally Excellent Architectures

Exam Readiness

- Additional deep dive of AWS services
- Quiz #1

Day 5 Exam Readiness

- Practice exam: AWS Certified Solutions Architect – Associate
- Quiz #2
- Wrap-up