Exam Readiness Intensive Workshop: AWS Certified Solutions Architect – Associate

Code:	AWS-CERT-SOL-ARCH
Length:	5 days
URL:	View Online

Prerequisite Courses

Essentials for Getting Started - AWS Technical Essentials
View Details

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.

Skills Gained

- Make architectural decisions based on AWS architectural principles and best practices

- Leverage AWS services to make your infrastructure scalable, reliable, and highly available

- Leverage AWS Managed Services to enable greater flexibility and resiliency in an infrastructure

- Make an AWS-based infrastructure more efficient to increase performance and reduce costs

- Use the Well-Architected Framework to improve architectures with AWS solutions

- Navigate the logistics of the examination process, exam structure, and question types

- Identify how questions relate to AWS architectural concepts

- Interpret the concepts being tested by an exam question

Who Can Benefit

- Solutions architects and cloud architects seeking their AWS Certified Solutions Architect – Associate certification

- Customers and APN Partners who have 6 to 12 months of experience with AWS including a strong architecture background and experience

- Individuals who prefer an instructor led course for training and exam readiness

- Individuals who have not taken the Architecting on AWS course in the last ~6 months

Prerequisites

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

- Hands-on experience using compute, networking, storage, and database AWS services

- An understanding of the basic architectural principles of building on the AWS cloud

- An understanding of the AWS global infrastructure

- Take this skills assessment to see if you have the required knowledge to skip AWS Technical Essentials, the first course in the AWS technical training path: https://www.exitcertified.com/training-resources/skills-assessments/aws-skills-assessment

Course Details

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

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

- Additional deep dive of AWS services

- Quiz #1

Day 5

Exam Readiness

- Practice exam: AWS Certified Solutions Architect – Associate

- Quiz #2

- Wrap-up

Related Certifications

Authorized training from ExitCertified is created and maintained by the vendor who also creates the certification exams. While it may not be a requirement of certification to attend a vendor-authorized training class, doing so will put you in the best position to successfully complete the related exams. Start training and begin working towards one of the following certifications today.

Architect
AWS Certified Solutions Architect - Associate
View Certification
View All Certifications