



AWS Certified Solutions Architect - Associate

This credential helps organizations identify and develop talent with critical skills for implementing cloud initiatives. Earning AWS Certified Solutions Architect – Associate validates the ability to design and implement distributed systems on AWS.

Skills measured

- Design a solution by using appropriate AWS services and by following architectural principles based on requirements
- Provide implementation guidance based on best practices to the organization throughout the workload lifecycle

Our unique model follows a streamlined approach to workforce development and skills attainment

Assess: Assess each student to determine existing skill sets

Educate: Deliver goal-specific training utilizing all delivery modalities

Mentor: Expose students to instructors and mentors with front-line IT and cybersecurity experience

Certify: Certify students with the requisite hands-on skills to perform the tasks related to their functional roles

Validate: Validate student abilities through performance analytics and real-world exercises hosted on a cyber range

Exam Objectives: SAA-C02

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Design Resilient Architectures	30%
Design High-Performing Architectures	28%
Design Secure Applications and Architectures	24%
Design Cost-Optimized Architectures	18%

Course Outline:

Chapter 1: Introduction to Cloud Computing and AWS

Chapter 2: Amazon Elastic Compute Cloud and Amazon Elastic Block Store

Chapter 3: AWS Storage

Chapter 4: Amazon Virtual Private Cloud

Chapter 5: Database Services

Chapter 6: Authentication and Authorization – AWS Identity and Access Management

Chapter 7: CloudTrail, CloudWatch, and AWS Config

Chapter 8: The Domain Name System and Network Routing: Amazon Route 53 and Amazon CloudFront

Chapter 9: Simple Queue Service and Kinesis

Chapter 10: The Reliability Pillar

Chapter 11: The Performance Efficiency Pillar

Chapter 12: The Security Pillar

Chapter 13: The Cost Optimization Pillar

Chapter 14: The Operational Excellence Pillar

Included

40 hours of instructor-led training sessions

Amazon authorized textbook and class materials

Practice questions and exam study tips