6 Days | # AWS Certified Solutions Architect - Associate

The AWS Certified Solutions Architect – Associate (SAA-C03) course is for the aspiring Solutions Architect. It validates the participant's ability to architect and deploy secure applications on AWS technologies.

This course facilitates the solution architects to use AWS cloud through AWS services. The participants will also learn the AWS cloud best practices and patterns to design and optimize IT solutions.

Further, they will be exposed to guided sessions, real-world infrastructure solutions of AWS customers, strategies implemented and services.

Course objective:

On completion of this course, the participants will be able to

- Use architectural design principles to work on solutions for customer requirements.
- Deliver best practices and implementation guidance throughout the project lifecycle.
- Use AWS services for highly available infrastructure that are scalable and reliable.
- Bring resiliency in the infrastructure with AWS Services
- Enhance performance yet with reduced infrastructure costs

Course Details

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Course Outline

Domain	% of Examination
Domain 1: Design Resilient Architectures	34%
Domain 2: Define Performant Architectures	24%
Domain 3: Specify Secure Applications and Architectures	26%
Domain 4: Design Cost-Optimized Architectures	10%
Domain 5: Define Operationally Excellent Architectures	6%
TOTAL	100%

Domain 1: Design Resilient Architectures

- 1.1 Choose reliable/resilient storage.
- 1.2 Decoupling mechanisms using AWS services.
- 1.3 Design a multi-tier architecture solution.
- 1.4 Design high availability and/or fault-tolerant architectures.

Domain 2: Define Performant Architectures

- 2.1 Performant storage and databases.
- 2.2 Enhance performance with caching application.
- 2.3 Design solutions

Domain 3: Specify Secure Applications and Architectures

- 3.1 Secure application tiers.
- 3.2 Data security
- 3.3 Networking infrastructure for a single VPC application.

Domain 4: Design Cost-Optimized Architectures

- 4.1 Design cost-optimized storage.
- 4.2 Design cost-optimized compute.

Domain 5: Define Operationally-Excellent Architectures

- 5.1 Enable operational excellence with design features

Who Should Attend

- Solutions Architects
- Solution Design Engineers

Pre Requisite

Hands-on experience in:

- Distributed systems on AWS
- Use compute, networking, storage, and, database AWS services
- AWS deployment and management services
- Define technical requirements for an AWS-based application

Basic understanding of:

- Best practices to build secure and reliable applications
- AWS global infrastructure
- Network technologies in relation to AWS
- Security features and tools of AWS
- Architectural principles of AWS on cloud

Exams

AWS Certified Solutions Architect Associate SAA-C03 Exam [SAA-C03]

Date - Apr 19, 2024