



# AWS Solutions Architect - Associate

## **Course Description**

This course helps you to prepare for the AWS Certified Solutions Architect - Associate Exam (Exam code: SAA-C02).

## **Course Objective**

The NICF- AWS Certified Solutions Architect - Associate is intended for individuals who perform a solutions architect role and have one or more years of hands-on experience designing available, cost-efficient, fault-tolerant, and scalable distributed systems on AWS.

This course will prepare participants for the [AWS Certified Solutions Architect - Associate Exam](#) (Exam code: SAA-C02).

## **Prerequisite**

AWS Cloud Practitioner Course or at least 1 year of working experience in AWS Cloud in any role, including technical, managerial, sales, purchasing, or finance. A basic understanding of IT services and their uses in the AWS Cloud platform.

## **Who should attend this course**

Cloud Engineer, Cloud Solutions architects, developers or individuals who seek a deeper knowledge and understanding on the architect solution based on AWS cloud services offerings.

## **Certificate Of Attendance**

Certificate Of Attendance will be awarded to participants completing the course achieving minimum 75% attendance.

## **Course Fee**

Course Fee : S\$1250

Regn Fee : S\$30

All Fees subject to GST 7%.

## **Training Duration**

Course Duration : 3 Weekdays / 3 Sats

Time : 9.00am – 6.00pm

## **DETAILED COURSE OUTLINE**

### **Domain 1: Design for High Availability Network**

- Designing the Network
- Designing the High Availability - 1
- Load Balancing and Fault Tolerant
- High Availability Across Regions
- Connections Outside of AWS
- Designing the High Availability with Scaling - 2
- Scaling Best Practice
- Automatic Scaling
- Scaling Data Stores
- AWS Lambda and Event-Driven Scaling

## **Domain 2: Automating, Decoupling and Design for Web-Scale Media**

- Automating your Infrastructure – Infrastructure as a Code
- Loose Coupling and Loose Coupling Strategies
- Communicating with Loose Coupling and Amazon DynamoDB
- Amazon API Gateway
- Serverless Architecture
- Decoupling Examples

## **Domain 3: Well-Architected Framework**

- Well-Architected Framework Pillar 1 – Operational Excellence
- Well-Architected Framework Pillar 2 – Security
- Well-Architected Framework Pillar 3– Reliability
- Well-Architected Framework Pillar 4 – Performance Efficiency
- Well-Architected Framework Pillar 5 – Cost Optimization

## **Domain 4: Troubleshooting and Design Pattern**

- Details Troubleshooting
- Discover various AWS Support Options Available
- High Availability Design Patterns

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