

# SAA-C03: AWS Solutions Architect Associate, Part 6 of 9: Scalable Applications

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**Meet the expert:** Zeal works primarily as a Cloud Security Consultant guiding organizations to re-build their infrastructure with security in mind. Zeal also holds more than 13+ certifications ranging from RedHat Certified Architect to AWS Security.

**Prerequisites:** AWS Account and base knowledge of AWS services

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**Course description:** AWS Certified Solutions Architect Associate is for individuals who want to design cost-efficient, fault-tolerant systems on AWS. This course covers: SQS, SNS and Systems and Patch Manager,

## Course outline:

### SQS

- Introduction
- Amazon SQS Intro
- Demo: SQS Queue
- SQS Visibility Timeout
- SQS Dead Letter Queue
- SQS Queue Types
- Summary
- AWS Tags
- Resource Groups
- Amazon EventBridge
- Summary

### Scaling and Message Queues

- Introduction
- FIFO Queue
- Scaling Based on SQS
- Message Queues in DB Transcation
- Amazon MQ
- Summary

### SNS

- Introduction
- SNS
- Fanout Pattern
- SNS to SQS
- Message Filtering
- S3 Event Notification
- Summary

### Overview of AWS Systems

#### Manager

- Introduction
- AWS Systems Manager
- SSM Run Command
- Sessions Manager
- Parameter Store
- Summary

#### SSM - Patch Manager

- Introduction
- SSM - Patch Manager