

# SAA-C02 AWS Software Solutions Architect Associate, Part 6 of 9: Serverless Architecture

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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

**Runtime:** 03:57:24

**Course description:** This course has been replaced by SAA-C03 Parts 1 through 9

<https://www.learnnowonline.com/course/azw1/saa-c03-aws-software-architect-associate-part-1>  
<https://www.learnnowonline.com/course/azw2/saa-c03-aws-software-architect-associate-part-2>  
<https://www.learnnowonline.com/course/azw3/saa-c03-aws-software-architect-associate-part-3>  
<https://www.learnnowonline.com/course/azw4/saa-c03-aws-software-architect-associate-part-4>  
<https://www.learnnowonline.com/course/azw5/saa-c03-aws-software-architect-associate-part-5>  
<https://www.learnnowonline.com/course/azw6/saa-c03-aws-software-architect-associate-part-6>  
<https://www.learnnowonline.com/course/azw7/saa-c03-aws-software-architect-associate-part-7>  
<https://www.learnnowonline.com/course/azw8/saa-c03-aws-software-architect-associate-part-8>  
<https://www.learnnowonline.com/course/azw9/saa-c03-aws-software-architect-associate-part-9>

AWS Certified Solutions Architect Associate is for individuals who want to design cost-efficient, fault-tolerant systems on AWS. This course covers:an introduction to Serverless Computing, and API, DataSync, Databases as well as Amazon Aurora and DynamoDB.

## Course outline:

### Intro to Serverless Computing

- Introduction
- What is Serverless Computing
- AWS Lambda
- Summary

### Introduction to API

- Introduction
- Introduction to API
- API How it works
- Building Function
- Building API with API Gateway
- Summary

### DataSync

- Introduction
- DataSync
- DataSync Practical
- Summary

### Intro to Databases

- Introduction
- Intro to Databases
- Intro to RDS
- Connecting to RDS CLI
- Summary

### RDS Read Replica

- Introduction
- RDS Read Replica Part 1

- RDS Read Replica Part 2
- RDS Multi-AZ
- Summary

### Overview of Amazon Aurora

- Introduction
- Overview of Amazon Aurora
- Implementing Aurora Cluster
- Summary

### Overview of Aurora Serverless

- Introduction
- Overview of Aurora Serverless
- Implementing Aurora Serverless
- Summary

### Aurora Global Database

- Introduction
- Aurora Global Database
- AWS ElastiCache
- Intro to NoSQL Database
- Summary

### DynamoDB

- Introduction
- DynamoDB Introduction
- DynamoDB CLI
- DynamoDB Consistency Models
- DynamoDB After CLI lecture
- DynamoDB Read and Write Units