

# AWS SAA-C03 Study Guide PDF

GRAB THE AWS-SAA CERTIFICATION PDF QUESTIONS & ANSWERS

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Exam Summary – Syllabus – Questions

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**SAA-C03**

**AWS Certified Solutions Architect - Associate**

65 Questions Exam – 720 / 1000 Cut Score – Duration of 130 minutes

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## Get an Overview of the SAA-C03 Certification:

Who should take the [SAA-C03 exam](#)? This is the first question that comes to a candidate's mind when preparing for the AWS-SAA certification. The SAA-C03 certification is suitable for candidates who are keen to earn knowledge on the Architect and grab their AWS Certified Solutions Architect - Associate. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But SAA-C03 study guide PDF is here to solve the problem. SAA-C03 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

## Why Should You Earn the AWS SAA-C03 Certification?

There are several reasons why one should grab the SAA-C03 certification.

- The AWS-SAA certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the [AWS Certified Solutions Architect - Associate](#) is a powerful qualification for a prosperous career.

## What Is the AWS SAA-C03 Certification Exam Structure?

<b>Exam Name</b>	AWS Solutions Architect Associate (AWS-SAA)
<b>Exam Code</b>	SAA-C03
<b>Exam Price</b>	\$150 USD
<b>Duration</b>	130 minutes
<b>Number of Questions</b>	65
<b>Passing Score</b>	720 / 1000
<b>Recommended Training / Books</b>	<a href="#">AWS Technical Essentials</a> <a href="#">AWS Power Hour: Architecting on-demand Architecting on AWS</a>
<b>Schedule Exam</b>	<a href="#">AWS Certification</a>
<b>Sample Questions</b>	<a href="#">AWS SAA-C03 Sample Questions</a>
<b>Recommended Practice</b>	<a href="#">AWS Certified Solutions Architect - Associate Practice Test</a>

# Enhance Knowledge with SAA-C03 Sample Questions:

## Question: 1

A company runs a public-facing three-tier web application in a VPC across multiple Availability Zones.

Amazon EC2 instances for the application tier running in private subnets need to download software patches from the internet. However, the EC2 instances cannot be directly accessible from the internet.

Which actions should be taken to allow the EC2 instances to download the needed patches?

(Select TWO.)

- a) Configure a NAT gateway in a public subnet.
- b) Define a custom route table with a route to the NAT gateway for internet traffic and associate it with the private subnets for the application tier.
- c) Assign Elastic IP addresses to the EC2 instances.
- d) Define a custom route table with a route to the internet gateway for internet traffic and associate it with the private subnets for the application tier.
- e) Configure a NAT instance in a private subnet.

**Answer: a, b**

## Question: 2

A company plans to run a monitoring application on an Amazon EC2 instance in a VPC. Connections are made to the EC2 instance using the instance's private IPv4 address.

A solutions architect needs to design a solution that will allow traffic to be quickly directed to a standby EC2 instance if the application fails and becomes unreachable.

Which approach will meet these requirements?

- a) Deploy an Application Load Balancer configured with a listener for the private IP address and register the primary EC2 instance with the load balancer. Upon failure, de-register the instance and register the standby EC2 instance.
- b) Configure a custom DHCP option set. Configure DHCP to assign the same private IP address to the standby EC2 instance when the primary EC2 instance fails.
- c) Attach a secondary elastic network interface to the EC2 instance configured with the private IP address. Move the network interface to the standby EC2 instance if the primary EC2 instance becomes unreachable.
- d) Associate an Elastic IP address with the network interface of the primary EC2 instance. Disassociate the Elastic IP from the primary instance upon failure and associate it with a standby EC2 instance.

**Answer: c**

**Question: 3**

A company runs an online voting system for a weekly live television program. During broadcasts, users submit hundreds of thousands of votes within minutes to a front-end fleet of Amazon EC2 instances that run in an Auto Scaling group. The EC2 instances write the votes to an Amazon RDS database.

However, the database is unable to keep up with the requests that come from the EC2 instances. A solutions architect must design a solution that processes the votes in the most efficient manner and without downtime.

Which solution meets these requirements?

- a) Migrate the front-end application to AWS Lambda. Use Amazon API Gateway to route user requests to the Lambda functions.
- b) Scale the database horizontally by converting it to a Multi-AZ deployment. Configure the front-end application to write to both the primary and secondary DB instances
- c) Configure the front-end application to send votes to an Amazon Simple Queue Service (Amazon SQS) queue. Provision worker instances to read the SQS queue and write the vote information to the database.
- d) Use Amazon EventBridge (Amazon CloudWatch Events) to create a scheduled event to re-provision the database with larger, memory optimized instances during voting periods. When voting ends, re-provision the database to use smaller instances.

**Answer: c**

**Question: 4**

A company uses Amazon EC2 Reserved Instances to run its data processing workload. The nightly job typically takes 7 hours to run and must finish within a 10-hour time window.

The company anticipates temporary increases in demand at the end of each month that will cause the job to run over the time limit with the capacity of the current resources.

Once started, the processing job cannot be interrupted before completion. The company wants to implement a solution that would provide increased resource capacity as cost-effectively as possible.

What should a solutions architect do to accomplish this?

- a) Deploy On-Demand Instances during periods of high demand.
- b) Create a second EC2 reservation for additional instances
- c) Deploy Spot Instances during periods of high demand.
- d) Increase the EC2 instance size in the EC2 reservation to support the increased workload.

**Answer: a**

**Question: 5**

A website runs a custom web application that receives a burst of traffic each day at noon. The users upload new pictures and content daily, but have been complaining of timeouts.

The architecture uses Amazon EC2 Auto Scaling groups, and the application consistently takes 1 minute to initiate upon boot up before responding to user requests.

How should a solutions architect redesign the architecture to better respond to changing traffic?

- a) Configure a Network Load Balancer with a slow start configuration
- b) Configure Amazon ElastiCache for Redis to offload direct requests from the EC2 instances.
- c) Configure Amazon CloudFront to use an Application Load Balancer as the origin.
- d) Configure an Auto Scaling step scaling policy with an EC2 instance warmup condition.

**Answer: d**

**Question: 6**

A solutions architect wants to design a solution to save costs for Amazon EC2 instances that do not need to run during a 2-week company shutdown.

The applications running on the EC2 instances store data in instance memory that must be present when the instances resume operation.

Which approach should the solutions architect recommend to shut down and resume the EC2 instances?

- a) Modify the application to store the data on instance store volumes. Reattach the volumes while restarting them.
- b) Run the applications on EC2 instances enabled for hibernation. Hibernate the instances before the 2-week company shutdown.
- c) Snapshot the EC2 instances before stopping them. Restore the snapshot after restarting the instances.
- d) Note the Availability Zone for each EC2 instance before stopping it. Restart the instances in the same Availability Zones after the 2-week company shutdown.

**Answer: b**

**Question: 7**

An analytics company is planning to offer a web analytics service to its users. The service will require that the users' webpages include a JavaScript script that makes authenticated GET requests to the company's Amazon S3 bucket.

What must a solutions architect do to ensure that the script will successfully execute?

- a) Enable cross-origin resource sharing (CORS) on the S3 bucket.
- b) Enable S3 Versioning on the S3 bucket.
- c) Provide the users with a signed URL for the script.
- d) Configure an S3 bucket policy to allow public execute privileges.

**Answer: a**

**Question: 8**

A company's security team requires that all data stored in the cloud be encrypted at rest at all times using encryption keys stored on premises.

Which encryption options meet these requirements?

(Select TWO.)

- a) Use server-side encryption with Amazon S3 managed encryption keys (SSE-S3)
- b) Use server-side encryption with AWS KMS managed encryption keys (SSE-KMS).
- c) Use server-side encryption with customer-provided encryption keys (SSE-C).
- d) Use client-side encryption to provide at-rest encryption.
- e) Use an AWS Lambda function invoked by Amazon S3 events to encrypt the data using the customer's keys.

**Answer: c, d**

**Question: 9**

A company has a two-tier application architecture that runs in public and private subnets. Amazon EC2 instances running the web application are in the public subnet and an EC2 instance for the database runs on the private subnet. The web application instances and the database are running in a single Availability Zone (AZ).

Which combination of steps should a solutions architect take to provide high availability for this architecture?

(Select TWO.)

- a) Create new public and private subnets in the same AZ.
- b) Create an Amazon EC2 Auto Scaling group and Application Load Balancer spanning multiple AZs for the web application instances.
- c) Add the existing web application instances to an Auto Scaling group behind an Application Load Balancer.
- d) Create new public and private subnets in a new AZ. Create a database using an EC2 instance in the public subnet in the new AZ. Migrate the old database contents to the new database.
- e) Create new public and private subnets in the same VPC, each in a new AZ. Create an Amazon RDS Multi-AZ DB instance in the private subnets. Migrate the old database contents to the new DB instance.

**Answer: b, e**

**Question: 10**

An application running on AWS uses an Amazon Aurora Multi-AZ DB cluster deployment for its database.

When evaluating performance metrics, a solutions architect discovered that the database reads are causing high I/O and adding latency to the write requests against the database.

What should the solutions architect do to separate the read requests from the write requests?

- a) Enable read-through caching on the Aurora database.
- b) Update the application to read from the Multi-AZ standby instance.
- c) Create a second Aurora database and link it to the primary database as a read replica.
- d) Create an Aurora replica and modify the application to use the appropriate endpoints.

**Answer: d**

## What Study Guide Works Best in Acing the AWS SAA-C03 SOLUTIONS ARCHITECT ASSOCIATE Certification?

The SAA-C03 study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

### Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the AWS-SAA exam, getting in full touch of the [syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

### Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

## Get Expert Advice from the Training:

Do not forget to join the AWS SAA-C03 training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

## Get Access to the PDF Sample Questions:

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

## Avoid Dumps and Utilize the AWS SAA-C03 Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, SAA-C03 practice tests always stand out to be the better choice than dumps PDF.

### **Avail the Proven SAA-C03 Practice Test for Success!!!**

Do you want to pass the SAA-C03 exam on your first attempt? Stop worrying; we, VMExam.com are here to provide you the best experience during your AWS Solutions Architect Associate preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [SAA-C03 practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.