# Quiz Amazon - SAA-C03 - AWS Certified Solutions Architect - Associate–Efficient Exam Quick Prep
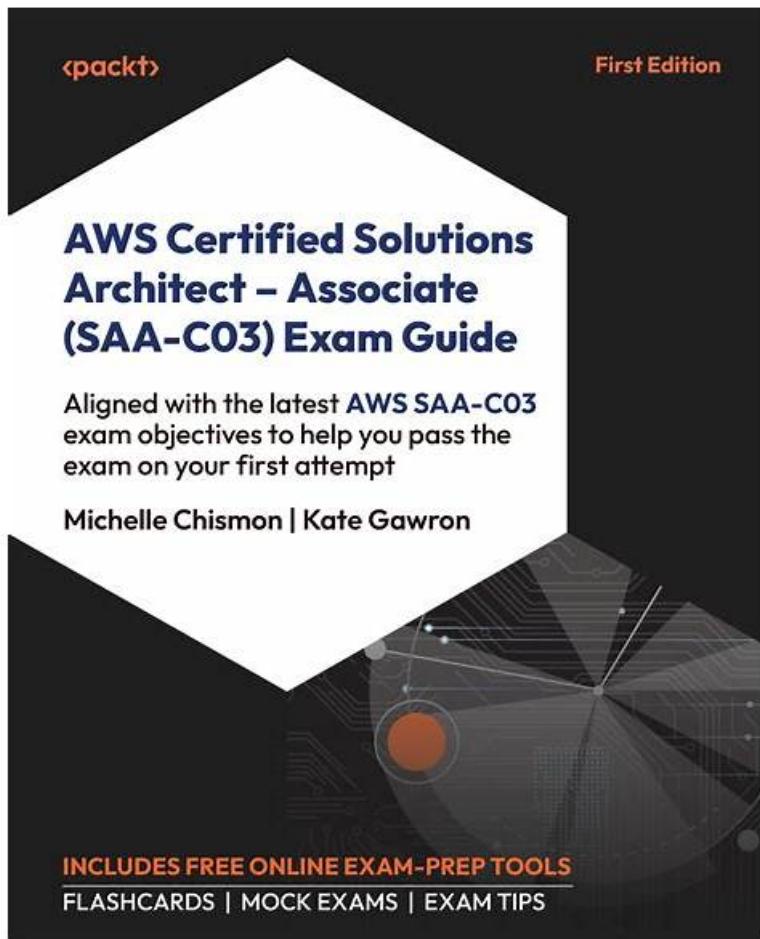
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The Amazon SAA-C03 exam tests the candidate's knowledge of AWS services such as EC2, S3, RDS, VPC, and IAM, among others. It also assesses their ability to design and deploy highly available, cost-effective, and scalable systems on AWS. SAA-C03 exam consists of 65 multiple-choice and multiple-response questions, and the duration is 130 minutes.

Holding the Amazon SAA-C03 Certification demonstrates that an individual has the skills and knowledge required to design and deploy highly available and fault-tolerant systems on AWS. It is a valuable certification for professionals looking to advance their career in the cloud computing industry and is highly regarded by employers.

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## Amazon SAA-C03 Reliable Exam Braindumps - Test SAA-C03 Price

The Amazon SAA-C03 certification exam offers a great opportunity to advance your career. With the AWS Certified Solutions Architect - Associate certification exam beginners and experienced professionals can demonstrate their expertise and knowledge.

After passing the AWS Certified Solutions Architect - Associate (SAA-C03) exam you can stand out in a crowded job market. The SAA-C03 certification exam shows that you have taken the time and effort to learn the necessary skills and have met the standards in the market.

# Amazon AWS Certified Solutions Architect - Associate Sample Questions (Q346-Q351):

## NEW QUESTION # 346
A company's security team requests that network traffic be captured in VPC Flow Logs. The logs will be frequently accessed for 90 days and then accessed intermittently.
What should a solutions architect do to meet these requirements when configuring the logs?

- A. Use AWS CloudTrail as the target. Configure CloudTrail to save to an Amazon S3 bucket, and enable S3 Intelligent-Tiering.
- B. Use Amazon Kinesis as the target. Configure the Kinesis stream to always retain the logs for 90 days.
- C. Use Amazon CloudWatch as the target. Set the CloudWatch log group with an expiration of 90 days
- D. Use Amazon S3 as the target. Enable an S3 Lifecycle policy to transition the logs to S3 Standard-Infrequent Access (S3 Standard-IA) after 90 days.

**Answer: D**

Explanation:
There's a table here that specifies that VPC Flow logs can go directly to S3. Does not need to go via CloudTrail and then to S3. Nor via CW.
https://docs.aws.amazon.com/AmazonCloudWatch/latest/logs/AWS-logs-and-resource-policy.html#AWS-logs-i

## NEW QUESTION # 347
[Design Secure Architectures]
A company is migrating a legacy application from an on-premises data center to AWS. The application relies on hundreds of cron Jobs that run between 1 and 20 minutes on different recurring schedules throughout the day.
The company wants a solution to schedule and run the cron jobs on AWS with minimal refactoring. The solution must support running the cron jobs in response to an event in the future.
Which solution will meet these requirements?

- A. Create a container image for the cron jobs. Use Amazon EventBridge Scheduler to create a recurring schedule Run the cron job tasks on AWS Fargate.
- B. Create a container image for the cron jobs. Use AWS Batch on Amazon Elastic Container Service (Amazon ECS) with a scheduling policy to run the cron jobs.
- C. Create a container image for the cron jobs. Create a workflow in AWS Step Functions that uses a Wait state to run the cron jobs at a specified time. Use the RunTask action to run the cron job tasks on AWS Fargate.
- D. Create a container image for the cron jobs. Use Amazon EventBridge Scheduler to create a recurring schedule. Run the cron job tasks as AWS Lambda functions.

**Answer: A**

Explanation:
This solution is the most suitable for running cron jobs on AWS with minimal refactoring, while also supporting the possibility of running jobs in response to future events.
Container Image for Cron Jobs: By containerizing the cron jobs, you can package the environment and dependencies required to run the jobs, ensuring consistency and ease of deployment across different environments.
Amazon EventBridge Scheduler: EventBridge Scheduler allows you to create a recurring schedule that can trigger tasks (like running your cron jobs) at specific times or intervals. It provides fine-grained control over scheduling and integrates seamlessly with AWS services.
AWS Fargate: Fargate is a serverless compute engine for containers that removes the need to manage EC2 instances. It allows you to run containers without worrying about the underlying infrastructure. Fargate is ideal for running jobs that can vary in duration, like cron jobs, as it scales automatically based on the task's requirements.
Why Not Other Options?:
Option A (Lambda): While AWS Lambda could handle short-running cron jobs, it has limitations in terms of execution duration (maximum of 15 minutes) and might not be suitable for jobs that run up to 20 minutes.
Option B (AWS Batch on ECS): AWS Batch is more suitable for batch processing and workloads that require complex job

dependencies or orchestration, which might be more than what is needed for simple cron jobs.
Option D (Step Functions with Wait State): While Step Functions provide orchestration capabilities, this approach would introduce unnecessary complexity and overhead compared to the straightforward scheduling with EventBridge and running on Fargate.
AWS Reference:
Amazon EventBridge Scheduler- Details on how to schedule tasks using Amazon EventBridge Scheduler.
AWS Fargate- Information on how to run containers in a serverless manner using AWS Fargate.

## NEW QUESTION # 348

A company is running a critical business application on Amazon EC2 instances behind an Application Load Balancer The EC2 instances run in an Auto Scaling group and access an Amazon RDS DB instance The design did not pass an operational review because the EC2 instances and the DB instance are all located in a single Availability Zone A solutions architect must update the design to use a second Availability Zone Which solution will make the application highly available?

- A. Provision a subnet in each Availability Zone Configure the Auto Scaling group to distribute the EC2 instances across both Availability Zones Configure the DB instance with connections to each network
- B. Provision a subnet in each Availability Zone Configure the Auto Scaling group to distribute the EC2 instances across both Availability Zones Configure the DB instance for Multi-AZ deployment
- C. Provision two subnets that extend across both Availability Zones Configure the Auto Scaling group to distribute the EC2 instances across both Availability Zones Configure the DB instance with connections to each network
- D. Provision a subnet that extends across both Availability Zones Configure the Auto Scaling group to distribute the EC2 instances across both Availability Zones Configure the DB instance for Multi-AZ deployment

**Answer: B**

Explanation:
https://aws.amazon.com/vpc/faqs/#:~:text=Can%20a%20subnet%20span%20Availability,within%20a%20single%20Availability%20Zone.

## NEW QUESTION # 349

A company's reporting system delivers hundreds of .csv files to an Amazon S3 bucket each day. The company must convert these files to Apache Parquet format and must store the files in a transformed data bucket.
Which solution will meet these requirements with the LEAST development effort?

- A. Use AWS Batch to create a job definition with Bash syntax to transform the data and output the data to the transformed data bucket. Use the job definition to submit a job. Specify an array job as the job type.
- B. Create an Amazon EMR cluster with Apache Spark installed. Write a Spark application to transform the data. Use EMR File System (EMRFS) to write files to the transformed data bucket.
- C. Create an AWS Glue crawler to discover the data. Create an AWS Glue extract, transform, and load (ETL) job to transform the data. Specify the transformed data bucket in the output step.
- D. Create an AWS Lambda function to transform the data and output the data to the transformed data bucket. Configure an event notification for the S3 bucket. Specify the Lambda function as the destination for the event notification.

**Answer: C**

Explanation:
AWS Glue provides a serverless ETL solution requiring minimal development. Glue supports conversion to Parquet with managed jobs and integrates with S3 for output.
AWS Documentation Reference:
AWS Glue Overview

## NEW QUESTION # 350

[Design Cost-Optimized Architectures]
A company is launching a new application that requires a structured database to store user profiles, application settings, and transactional dat a. The database must be scalable with application traffic and must offer backups.
Which solution will meet these requirements MOST cost-effectively?

- A. Use Amazon Aurora Serverless for the database. Use serverless capacity scaling. Configure automated backups to

- B. Deploy a self-managed database on Amazon EC2 instances by using open-source software. Use Spot Instances for cost optimization. Configure automated backups to Amazon S3.
- C. Use Amazon RDS. Use on-demand capacity mode for the database with General Purpose SSD storage. Configure automatic backups with a retention period of 7 days.
- D. Deploy a self-managed NoSQL database on Amazon EC2 instances. Use Reserved Instances for cost optimization. Configure automated backups directly to Amazon S3 Glacier Flexible Retrieval.

**Answer: A**

Explanation:
Amazon Aurora Serverless v2 is ideal for applications with unpredictable or intermittent workloads. It automatically scales capacity up or down based on demand, significantly reducing costs. It supports automated backups to Amazon S3, making it suitable and cost-effective for new applications with variable traffic.
Reference:


**NEW QUESTION # 351**
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