

## [Download Full Version SAA-C02 Exam Dumps\(Updated in Feb/2023\)](#)

**Correct Answer:** A

### **QUESTION 159**

A company hosts more than 300 global websites and applications. The company requires a platform to analyze more than 30 TB of clickstream data each day. What should a solutions architect do to transmit and process the clickstream data?

- A. Design an AWS Data Pipeline to archive the data to an Amazon S3 bucket and run an Amazon EMR cluster with the data to generate analytics.
- B. Create an Auto Scaling group of Amazon EC2 instances to process the data and send it to an Amazon S3 data lake for Amazon Redshift to use for analysis.
- C. Cache the data to Amazon CloudFront. Store the data in an Amazon S3 bucket. When an object is added to the S3 bucket, run an AWS Lambda function to process the data for analysis.
- D. Collect the data from Amazon Kinesis Data Streams. Use Amazon Kinesis Data Firehose to transmit the data to an Amazon S3 data lake. Load the data in Amazon Redshift for analysis.

**Correct Answer:** D

### **QUESTION 160**

A company has hired an external vendor to perform work in the company's AWS account. The vendor uses an automated tool that is hosted in an AWS account that the vendor owns. The vendor does not have IAM access to the company's AWS account. How should a solutions architect grant this access to the vendor?

- A. Create an IAM role in the company's account to delegate access to the vendor's IAM role. Attach the appropriate IAM policies to the role for the permissions that the vendor requires.
- B. Create an IAM user in the company's account with a password that meets the password complexity requirements. Attach the appropriate IAM policies to the user or the permissions that the vendor requires.
- C. Create an IAM group in the company's account. Add the tool's IAM user from the vendor account to the group. Attach the appropriate IAM policies to the group for the permissions that the vendor requires.
- D. Create a new identity provider by choosing "AWS account" as the provider type in the IAM console. Supply the vendor's AWS account ID and user name. Attach the appropriate IAM policies to the new provider for the permissions that the vendor requires.

**Correct Answer:** B

### **QUESTION 161**

A company runs a three-tier web application in a VPC across multiple Availability Zones. Amazon EC2 instances run in an Auto Scaling group for the application tier. The company needs to make an automated scaling plan that will analyze each resource's daily and weekly historical workload trends. The configuration must scale resources appropriately according to both the forecast and live changes in utilization. Which scaling strategy should a solutions architect recommend to meet these requirements?

- A. Implement dynamic scaling with step scaling based on average CPU utilization from the EC2 instances.
- B. Enable predictive scaling to forecast and scale. Configure dynamic scaling with target tracking.

[SAA-C02 Exam Dumps](#)   [SAA-C02 PDF Dumps](#)   [SAA-C02 VCE Dumps](#)   [SAA-C02 Q&As](#)

<https://www.ensurepass.com/SAA-C02.html>

## **[Download Full Version SAA-C02 Exam Dumps\(Updated in Feb/2023\)](#)**

- C. Create an automated scheduled scaling action based on the traffic patterns of the web application
- D. Set up a simple scaling policy Increase the cool down period based on the EC2 instance start up time

**Correct Answer: B**

### **QUESTION 162**

A company runs an application using Amazon ECS. The application creates resized versions of an original Image and then makes Amazon S3 API calls to store the resized images in Amazon S3. How can a solutions architect ensure that the application has permission to access Amazon S3?

- A. Update the S3 role in AWS IAM to allow read/write access from Amazon ECS and then relaunch the container.
- B. Create an IAM role with S3 permissions and then specify that role as the taskRoleArn in the task definition.
- C. Create a security group that allows access from Amazon ECS to Amazon S3 and update the launch configuration used by the ECS cluster.
- D. Create an IAM user with S3 permissions, and then relaunch the Amazon EC2 instances for the ECS cluster while logged in as this account.

**Correct Answer: B**

### **QUESTION 163**

A company is hosting a three-tier ecommerce application in the AWS Cloud. The company hosts the website on Amazon S3 and integrates the website with an API that handles sales requests. The company hosts the API on three Amazon EC2 instances behind an Application Load Balancer (ALB). The API consists of static and dynamic front-end content along with backend workers that process sales requests asynchronously. The company is expecting a significant and sudden increase in the number of sales requests during events for the launch of new products. What should a solutions architect recommend to ensure that all the requests are processed successfully?

- A. Add an Amazon CloudFront distribution for the dynamic content. Increase the number of EC2 instances to handle the increase in traffic.
- B. Add an Amazon CloudFront distribution for the static content. Place the EC2 instances in an Auto Scaling group to launch new instances based on network traffic.
- C. Add an Amazon CloudFront distribution for the dynamic content. Add an Amazon ElastiCache instance in front of the ALB to reduce traffic for the API to handle.
- D. Add an Amazon CloudFront distribution for the static content. Add an Amazon Simple Queue Service (Amazon SQS) queue to receive requests from the website for later processing by the EC2 instances.

**Correct Answer: D**

### **QUESTION 164**

A company has an application that ingests incoming messages. Dozens of other applications and microservices then quickly consume these messages. The number of messages varies drastically and sometimes increases suddenly to 100 000 each second. The company wants to decouple the solution and increase scalability. Which solution meets these requirements?

- A. Persist the messages to Amazon Kinesis Data Analytics Configure the consumer applications to

**[SAA-C02 Exam Dumps](#)   [SAA-C02 PDF Dumps](#)   [SAA-C02 VCE Dumps](#)   [SAA-C02 Q&As](#)**

**<https://www.ensurepass.com/SAA-C02.html>**

## **[Download Full Version SAA-C02 Exam Dumps\(Updated in Feb/2023\)](#)**

- read and process the messages
- B. Deploy the ingestion application on Amazon EC2 instances in an Auto Scaling group to scale the number of EC2 instances based on CPU metrics
  - C. Write the messages to Amazon Kinesis Data Streams with a single shard Use an AWS Lambda function to preprocess messages and store them in Amazon DynamoDB Configure the consumer applications to read from DynamoDB to process the messages
  - D. Publish the messages to an Amazon Simple Notification Service (Amazon SNS) topic with multiple Amazon Simple Queue Service (Amazon SQS) subscriptions Configure the consumer applications to process the messages from the queues

**Correct Answer:** D

### **QUESTION 165**

A company hosts its static website content from an Amazon S3 bucket in the us-east-1 Region Content is made available through an Amazon CloudFront origin pointing to that bucket Cross-Region replication is set up to create a second copy of the bucket in the ap-southeast-1 Region Management wants a solution that provides greater availability for the website. Which combination of actions should a solutions architect take to increase availability? (Select TWO.

- A. Add both buckets to the CloudFront origin
- B. Configure failover routing in Amazon Route 53
- C. Create a record in Amazon Route 53 pointing to the replica bucket
- D. Create an additional CloudFront origin pointing to the ap-southeast-1 bucket
- E. Set up a CloudFront origin group with the us-east-1 bucket as the primary and the ap-southeast-1 bucket as the secondary

**Correct Answer:** BE

### **QUESTION 166**

A company is developing a mobile game that streams score updates to a backend processor and then posts results on a leaderboard. A solutions architect needs to design a solution that can handle large traffic spikes process the mobile game updates in order of receipt and store the processed updates in a highly available database. The company also wants to minimize the management overhead required to maintain the solution. What should the solutions architect do to meet these requirements?

- A. Push score updates to Amazon Kinesis Data Streams Process the updates in Kinesis Data Streams with AWS Lambda Store the processed updates in Amazon DynamoDB
- B. Push score updates to Amazon Kinesis Data Streams Process the updates with a fleet of Amazon EC2 instances set up for Auto Scaling Store the processed updates in Amazon Redshift
- C. Push score updates to an Amazon Simple Notification Service (Amazon SNS) topic Subscribe an AWS Lambda function to the SNS topic to process the updates Store the processed updates in a SQL database running on Amazon EC2
- D. Push score updates to an Amazon Simple Queue Service (Amazon SQS) queue Use a fleet of Amazon EC2 instances with Auto Scaling to process the updates in the SQS queue Store the processed updates in an Amazon RDS Multi-AZ DB instance

**Correct Answer:** A

#### **Explanation:**

<https://docs.aws.amazon.com/streams/latest/dev/introduction.html>

You can use Amazon Kinesis Data Streams to collect and process large streams of data records in real time. You can use Kinesis Data Streams for rapid and continuous data intake and

**[SAA-C02 Exam Dumps](#)   **[SAA-C02 PDF Dumps](#)   **[SAA-C02 VCE Dumps](#)   **[SAA-C02 Q&As](#)********

**<https://www.ensurepass.com/SAA-C02.html>**

## **[Download Full Version SAA-C02 Exam Dumps\(Updated in Feb/2023\)](#)**

aggregation. The type of data used can include IT infrastructure log data, application logs, social media, market data feeds, and web clickstream data. Because the response time for the data intake and processing is in real time, the processing is typically lightweight.

### **QUESTION 167**

A company receives inconsistent service from its data center provider because the company is headquartered in an area affected by natural disasters. The company is not ready to fully migrate to the AWS Cloud but it wants a failure environment on AWS in case the on-premises data center fails. The company runs web servers that connect to external vendors. The data available on AWS and on premises must be uniform. Which solution should a solutions architect recommend that has the LEAST amount of downtime?

- A. Configure an Amazon Route 53 failover record Run application servers on Amazon EC2 instances behind an Application Load Balancer in an Auto Scaling group Set up AWS Storage Gateway with stored volumes to back up data to Amazon S3.
- B. Configure an Amazon Route 53 failover record Execute an AWS CloudFormation template from a script to create Amazon EC2 instances behind an Application Load Balancer Set up AWS Storage Gateway with stored volumes to back up data to Amazon S3.
- C. Configure an Amazon Route 53 failover record Set up an AWS Direct Connect connection between a VPC and the data center Run application servers on Amazon EC2 in an Auto Scaling group Run an AWS Lambda function to execute an AWS CloudFormation template to create an Application Load Balancer.
- D. Configure an Amazon Route 53 failover record Run an AWS Lambda function to execute an AWS CloudFormation template to launch two Amazon EC2 instances Set up AWS Storage Gateway with stored volumes to back up data to Amazon S3 Set up an AWS Direct Connect connection between a VPC and the data center.

**Correct Answer: A**

### **QUESTION 168**

A company stores use' data in AWS The data is used continuously with peak usage during business hours. Access patterns vary with some data not being used for months at a time. A solutions architect must choose a cost-effective solution that maintains the highest level of durability while maintaining high availability. Which storage solution meets these requirements?

- A. Amazon S3 Standard
- B. Amazon S3 Intelligent-Tiering
- C. Amazon S3 Glacier Deep Archive
- D. Amazon S3 One Zone-infrequent Access (S3 One Zone-IA)

**Correct Answer: B**

### **QUESTION 169**

A company is developing a mobile game that streams score updates to a backend processor and then posts results on a leaderboard. A solutions architect needs to design a solution that can handle large traffic spikes process the mobile game updates in order of receipt and store the processed updates in a highly available database. The company also wants to minimize the management overhead required to maintain the solution. What should the solutions architect do to meet these requirements?

- A. Push score updates to Amazon Kinesis Data Streams Process the updates in Kinesis Data Streams with AWS Lambda Store the processed updates in Amazon DynamoDB
- B. Push score updates to Amazon Kinesis Data Streams Process the updates with a fleet of Amazon

**[SAA-C02 Exam Dumps](#)   **[SAA-C02 PDF Dumps](#)   **[SAA-C02 VCE Dumps](#)   **[SAA-C02 Q&As](#)********

**<https://www.ensurepass.com/SAA-C02.html>**

## **[Download Full Version SAA-C02 Exam Dumps\(Updated in Feb/2023\)](#)**

- EC2 instances set up for Auto Scaling Store the processed updates in Amazon Redshift
- C. Push score updates to an Amazon Simple Notification Service (Amazon SNS) topic Subscribe an AWS Lambda function to the SNS topic to process the updates Store the processed updates in a SQL database running on Amazon EC2
  - D. Push score updates to an Amazon Simple Queue Service (Amazon SQS) queue Use a fleet of Amazon EC2 instances with Auto Scaling to process the updates in the SQS queue Store the processed updates in an Amazon RDS Multi-AZ DB instance

**Correct Answer: A**

### **QUESTION 170**

A company is deploying an application that processes streaming data in near-real time. The company plans to use Amazon EC2 instances for the workload. The network architecture must be configurable to provide the lowest possible latency between nodes. Which networking solution meets these requirements?

- A. Place the EC2 instances in multiple VPCs and configure VPC peering
- B. Attach an Elastic Fabric Adapter (EFA) to each EC2 instance
- C. Run the EC2 instances in a spread placement group
- D. Use Amazon Elastic Block Store (Amazon EBS) optimized instance types

**Correct Answer: C**

### **QUESTION 171**

A company is building a web application that serves a content management system. The content management system runs on Amazon EC2 instances behind an Application Load Balancer (ALB). The EC2 instances run in an Auto Scaling group across multiple Availability Zones. Users are constantly adding and updating files, blogs, and other website assets in the content management system. A solutions architect must implement a solution in which all the EC2 instances share up-to-date website content with the least possible lag time. Which solution meets these requirements?

- A. Update the EC2 user data in the Auto Scaling group lifecycle policy to copy the website assets from the EC2 instance that was launched most recently. Configure the ALB to make changes to the website assets only in the newest EC2 instance.
- B. Copy the website assets to an Amazon Elastic File System (Amazon EFS) file system. Configure each EC2 instance to mount the EFS file system locally. Configure the website hosting application to reference the website assets that are stored in the EFS file system.
- C. Copy the website assets to an Amazon S3 bucket. Ensure that each EC2 instance downloads the website assets from the S3 bucket to the attached Amazon Elastic Block Store (Amazon EBS) volume. Run the S3 sync command once each hour to keep files up to date.
- D. Restore an Amazon Elastic Block Store (Amazon EBS) snapshot with the website assets. Attach the EBS snapshot as a secondary EBS volume when a new EC2 instance is launched. Configure the website hosting application to reference the website assets that are stored in the secondary EBS volume.

**Correct Answer: B**

### **QUESTION 172**

A company wants to build an immutable infrastructure for its software applications. The company wants to test the software applications before sending traffic to them. The company seeks an efficient solution that limits the effects of application bugs. Which combination of steps should a

**[SAA-C02 Exam Dumps](#)   [SAA-C02 PDF Dumps](#)   [SAA-C02 VCE Dumps](#)   [SAA-C02 Q&As](#)**

**<https://www.ensurepass.com/SAA-C02.html>**