



Free Questions for **BDS-C00**

Shared by **Gibbs** on **12-12-2023**

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Question 1

Question Type: MultipleChoice

If your DB instance runs out of storage space or file system resources, its status will change to_____ and your DB Instance will no longer be available.

Options:

- A- storage-overflow
- B- storage-full
- C- storage-exceed
- D- storage-orage



Answer:

B

Question 2

Question Type: MultipleChoice

An organization has 10,000 devices that generate 10 GB of telemetry data per day, with each record size around 10 KB. Each record has 100 fields, and one field consists of unstructured log data with a "String" data type in the English language. Some fields are required for the real-time dashboard, but all fields must be available for long-term generation.

The organization also has 10 PB of previously cleaned and structured data, partitioned by Date, in a SAN that must be migrated to AWS within one month. Currently, the organization does not have any real-time capabilities in their solution. Because of storage limitations in the on-premises data warehouse, selective data is loaded while generating the long-term trend with ANSI SQL queries through JDBC for visualization. In addition to the one-time data loading, the organization needs a cost-effective and real-time solution.

How can these requirements be met? (Choose two.)

Options:

- A- use AWS IoT to send data from devices to an Amazon SQS queue, create a set of workers in an Auto Scaling group and read records in batch from the queue to process and save the data. Fan out to an Amazon SNS queue attached with an AWS Lambda function to filter the request dataset and save it to Amazon Elasticsearch Service for real-time analytics.

- B-** Create a Direct Connect connection between AWS and the on-premises data center and copy the data to Amazon S3 using S3 Acceleration. Use Amazon Athena to query the data.
- C-** Use AWS IoT to send the data from devices to Amazon Kinesis Data Streams with the IoT rules engine. Use one Kinesis Data Firehose stream attached to a Kinesis stream to batch and stream the data partitioned by date. Use another Kinesis Firehose stream attached to the same Kinesis stream to filter out the required fields to ingest into Elasticsearch for real-time analytics.
- D-** Use AWS IoT to send the data from devices to Amazon Kinesis Data Streams with the IoT rules engine. Use one Kinesis Data Firehose stream attached to a Kinesis stream to stream the data into an Amazon S3 bucket partitioned by date. Attach an AWS Lambda function with the same Kinesis stream to filter out the required fields for ingestion into Amazon DynamoDB for real-time analytics.
- E-** use multiple AWS Snowball Edge devices to transfer data to Amazon S3, and use Amazon Athena to query the data.

Answer:

D, E

Question 3

Question Type: MultipleChoice

What is the charge for the data transfer incurred in replicating data between your primary and standby?

Options:

- A-** Same as the standard data transfer charge
- B-** Double the standard data transfer charge
- C-** No charge. It is free
- D-** Half of the standard data transfer charge

Answer:

C

Question 4

Question Type: MultipleChoice

Does Dynamic DB support in-place atomic updates?

Options:

- A- It is not defined
- B- No
- C- Yes
- D- It does support in-place non-atomic updates

Answer:

C

Question 5

Question Type: MultipleChoice

What is the minimum charge for the data transferred between Amazon RDS and Amazon EC2 Instances in the same Availability Zone?

Options:

- A- USD 0.10 per GB
- B- No charge. It is free.
- C- USD 0.02 per GB
- D- USD 0.01 per GB

Answer:

B

Question 6

Question Type: MultipleChoice

It is advised that you watch the Amazon CloudWatch "_____" metric (available via the AWS Management Console or Amazon Cloud Watch APIs) carefully and recreate the Read Replica should it fall behind due to replication errors.

Options:

- A- Write Lag

- B- Read Replica
- C- Replica Lag
- D- Single Replica

Answer:

C

Question 7

Question Type: MultipleChoice

Is it possible to access your EBS snapshots?

Options:

- A- Yes, through the Amazon S3 APIs.
- B- Yes, through the Amazon EC2 APIs.
- C- No, EBS snapshots cannot be accessed; they can only be used to create a new EBS volume.
- D- EBS doesn't provide snapshots.

Answer:

B

Question 8

Question Type: MultipleChoice

A user has deployed an application on his private cloud. The user is using his own monitoring tool. He wants to configure that whenever there is an error, the monitoring tool should notify him via SMS. Which of the below mentioned AWS services will help in this scenario?

Options:

- A- None because the user infrastructure is in the private cloud/
- B- AWS SNS
- C- AWS SES
- D- AWS SMS

Answer:

B

Question 9

Question Type: MultipleChoice

The Marketing Director in your company asked you to create a mobile app that lets users post sightings of good deeds known as random acts of kindness in 80-character summaries. You decided to write the application in JavaScript so that it would run on the broadest range of phones, browsers, and tablets. Your application should provide access to Amazon DynamoDB to store the good deed summaries. Initial testing of a prototype shows that there aren't large spikes in usage. Which option provides the most cost-effective and scalable architecture for this application?

Options:

- A- Provide the JavaScript client with temporary credentials from the Security Token Service using a Token Vending Machine
- B- Register the application with a Web Identity Provider like Amazon, Google, or Facebook, create an IAM role for that provider, and set up permissions for the IAM role to allow S3 gets and DynamoDB puts. You serve your mobile application out of an S3 bucket enabled as a web site. Your client updates DynamoDB.
- C- Provide the JavaScript client with temporary credentials from the Security Token Service using a Token Vending Machine (TVM) to provide signed credentials mapped to an IAM user allowing DynamoDB puts. You serve your mobile application out of Apache EC2 instances that are load-balanced and autoscaled. Your EC2 instances are configured with an IAM role that allows DynamoDB puts. Your server updates DynamoDB.
- D- Register the JavaScript application with a Web Identity Provider like Amazon, Google, or Facebook, create an IAM role for that provider, and set up permissions for the IAM role to allow DynamoDB puts. You serve your mobile application out of Apache EC2 instances that are load-balanced and autoscaled. Your EC2 instances are configured with an IAM role that allows DynamoDB puts. Your server updates DynamoDB.

Answer:

B

Question 10

Question Type: MultipleChoice

An organization needs to design and deploy a large-scale data storage solution that will be highly durable and highly flexible with respect to the type and structure of data being stored. The data to be stored will be sent or generated from a variety of sources and must be persistently available for access and processing by multiple applications.

What is the most cost-effective technique to meet these requirements?

Options:

- A- Use Amazon Simple Storage Service (S3) as the actual data storage system, coupled with appropriate tools for ingestion/acquisition of data and for subsequent processing and querying.
- B- Deploy a long-running Amazon Elastic MapReduce (EMR) cluster with Amazon Elastic Block Store (EBS) volumes for persistent HDFS storage and appropriate Hadoop ecosystem tools for processing and querying.
- C- Use Amazon Redshift with data replication to Amazon Simple Storage Service (S3) for comprehensive durable data storage, processing and querying.
- D- Launch an Amazon Relational Database Service (RDS), and use the enterprise grade and capacity of the Amazon Aurora Engine for storage processing and querying.

Answer:

A

Question 11

Question Type: MultipleChoice

A _____ is the concept of allowing (or disallowing) an entity such as a user, group, or role some type of access to one or more resources.

Options:

- A- user
- B- AWS Account
- C- resource
- D- permission

Answer:

B

Question 12

Question Type: MultipleChoice

A user is planning to host a mobile game on EC2 which sends notifications to active users on either high score or the addition of new features. The user should get this notification when he is online on his mobile device. Which of the below mentioned AWS services can help achieve this functionality?

Options:

- A- AWS Simple Notification Service
- B- AWS Simple Queue Service
- C- AWS Mobile Communication Service
- D- AWS Simple Email Service

Answer:

A



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