DAS-C01 Q&As

AWS Certified Data Analytics - Specialty (DAS-C01)

Pass Amazon DAS-C01 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.geekcert.com/das-c01.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Amazon Official Exam Center

- **Instant Download** After Purchase
- **100% Money Back** Guarantee
- **365 Days** Free Update
- **800,000+** Satisfied Customers

QUESTION 1

A company wants to build a real-time data processing and delivery solution for streaming data. The data is being streamed through an Amazon Kinesis data stream. The company wants to use an Apache Flink application to process the data before writing the data to another Kinesis data stream. The data must be stored in an Amazon S3 data lake every 60 seconds for further analytics.

Which solution will meet these requirements with the LEAST operational overhead?

A. Host the Flink application on an Amazon EMR cluster. Use Amazon Kinesis Data Firehose to write the data to Amazon S3.

B. Host the Flink application on Amazon Kinesis Data Analytics. Use AWS Glue to write the data to Amazon S3.

C. Host the Flink application on an Amazon EMR cluster. Use AWS Glue to write the data to Amazon S3.

D. Host the Flink application on Amazon Kinesis Data Analytics. Use Amazon Kinesis Data Firehose to write the data to Amazon S3.

Correct Answer: A

QUESTION 2

A marketing company wants to improve its reporting and business intelligence capabilities. During the planning phase, the company interviewed the relevant stakeholders and discovered that:

The operations team reports are run hourly for the current month\\'s data.

The sales team wants to use multiple Amazon QuickSight dashboards to show a rolling view of the last 30 days based on several categories. The sales team also wants to view the data as soon as it reaches the reporting backend.

The finance team\\'s reports are run daily for last month\\'s data and once a month for the last 24 months of data.

Currently, there is 400 TB of data in the system with an expected additional 100 TB added every month. The company is looking for a solution that is as cost-effective as possible.

Which solution meets the company\\'s requirements?

A. Store the last 24 months of data in Amazon Redshift. Configure Amazon QuickSight with Amazon Redshift as the data source.

B. Store the last 2 months of data in Amazon Redshift and the rest of the months in Amazon S3. Set up an external schema and table for Amazon Redshift Spectrum. Configure Amazon QuickSight with Amazon Redshift as the data source.

C. Store the last 24 months of data in Amazon S3 and query it using Amazon Redshift Spectrum. Configure Amazon QuickSight with Amazon Redshift Spectrum as the data source.

D. Store the last 2 months of data in Amazon Redshift and the rest of the months in Amazon S3. Use a long-running Amazon EMR with Apache Spark cluster to query the data as needed. Configure Amazon QuickSight with Amazon EMR as the data source.

Correct Answer: B

QUESTION 3

A company uses an Amazon QuickSight business intelligence (BI) dashboard to make decisions. A data warehouse that is hosted on an Amazon Redshift cluster is the primary data source for the dashboard.

The user experience has degraded because some BI queries are complex and include multiple table joins. A data analytics specialist needs to reduce query response times to improve the user experience and meet SLAs.

Which solution will meet these requirements with the LEAST operational overhead?

A. Create automated materialized views. Turn on the query rewrite feature in Amazon Redshift.

B. Create views in Amazon Redshift. Change the QuickSight code to select from the views.

C. Create a new consolidated table by using CREATE TABLE AS (CTAS). Change the QuickSight code to select from the consolidated table.

D. Create an external table. Turn on the query rewrite feature in Amazon Redshift.

Correct Answer: A

QUESTION 4

A financial company recently added more features to its mobile app. This required the creation of a new topic named mobile_transfers in the existing Amazon Managed Streaming for Apache Kafka (Amazon MSK) cluster. A few days after adding this new topic, an Amazon CloudWatch alarm for the RootDiskUsed metric for the MSK cluster was raised.

How should a data specialist resolve this issue?

A. Expand the storage of the MSK broker. Configure storage auto-expansion.

B. Increase the storage for the Apache ZooKeeper nodes.

C. Update the MSK broker instance to the next larger type. Restart the MSK cluster.

D. Specify the Target-Volume-in-GiB parameter for the mobile_transfers topic.

Correct Answer: D

QUESTION 5

A company is planning to do a proof of concept for a machine learning (ML) project using Amazon SageMaker with a subset of existing on-premises data hosted in the company\\'s 3 TB data warehouse. For part of the project, AWS Direct Connect is established and tested. To prepare the data for ML, data analysts are performing data curation. The data analysts want to perform multiple step, including mapping, dropping null fields, resolving choice, and splitting fields. The

company needs the fastest solution to curate the data for this project.

Which solution meets these requirements?

A. Ingest data into Amazon S3 using AWS DataSync and use Apache Spark scrips to curate the data in an Amazon EMR cluster. Store the curated data in Amazon S3 for ML processing.

B. Create custom ETL jobs on-premises to curate the data. Use AWS DMS to ingest data into Amazon S3 for ML processing.

C. Ingest data into Amazon S3 using AWS DMS. Use AWS Glue to perform data curation and store the data in Amazon S3 for ML processing.

D. Take a full backup of the data store and ship the backup files using AWS Snowball. Upload Snowball data into Amazon S3 and schedule data curation jobs using AWS Batch to prepare the data for ML.

Correct Answer: C