

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.pass4itsure.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 large financial company is running its ETL process. Part of this process is to move data from Amazon S3 into an Amazon Redshift cluster. The company wants to use the most cost-efficient method to load the dataset into Amazon Redshift. Which combination of steps would meet these requirements? (Choose two.)

- A. Use the COPY command with the manifest file to load data into Amazon Redshift.
- B. Use S3DistCp to load files into Amazon Redshift.
- C. Use temporary staging tables during the loading process.
- D. Use the UNLOAD command to upload data into Amazon Redshift.
- E. Use Amazon Redshift Spectrum to query files from Amazon S3.

Correct Answer: CE

Reference: https://aws.amazon.com/blogs/big-data/top-8-best-practices-for-high-performance-etl-processing-using-amazon-redshift/

QUESTION 2

A company is creating a data lake by using AWS Lake Formation. The data that will be stored in the data lake contains sensitive customer information and must be encrypted at rest using an AWS Key Management Service (AWS KMS) customer managed key to meet regulatory requirements.

How can the company store the data in the data lake to meet these requirements?

A. Store the data in an encrypted Amazon Elastic Block Store (Amazon EBS) volume. Register the Amazon EBS volume with Lake Formation.

B. Store the data in an Amazon S3 bucket by using server-side encryption with AWS KMS (SSE-KMS). Register the S3 location with Lake Formation.

C. Encrypt the data on the client side and store the encrypted data in an Amazon S3 bucket. Register the S3 location with Lake Formation.

D. Store the data in an Amazon S3 Glacier Flexible Retrieval vault bucket. Register the S3 Glacier Flexible Retrieval vault with Lake Formation.

Correct Answer: D

QUESTION 3

A company uses Amazon OpenSearch Service (Amazon Elasticsearch Service) to store and analyze its website clickstream data. The company ingests 1 TB of data daily using Amazon Kinesis Data Firehose and stores one day\\'s worth of data in an Amazon OpenSearch Service (Amazon Elasticsearch Service) cluster.



The company has very slow query performance on the Amazon OpenSearch Service (Amazon Elasticsearch Service) index and occasionally sees errors from Kinesis Data Firehose when attempting to write to the index. The Amazon OpenSearch Service (Amazon Elasticsearch Service) cluster has 10 nodes running a single index and 3 dedicated master nodes. Each data node has 1.5 TB of Amazon EBS storage attached and the cluster is configured with 1,000 shards. Occasionally, JVMMemoryPressure errors are found in the cluster logs.

Which solution will improve the performance of Amazon OpenSearch Service (Amazon Elasticsearch Service)?

- A. Increase the memory of the Amazon OpenSearch Service (Amazon Elasticsearch Service) master nodes.
- B. Decrease the number of Amazon OpenSearch Service (Amazon Elasticsearch Service) data nodes.
- C. Decrease the number of Amazon OpenSearch Service (Amazon Elasticsearch Service) shards for the index.
- D. Increase the number of Amazon OpenSearch Service (Amazon Elasticsearch Service) shards for the index.

Correct Answer: C

Reference: https://www.bluematador.com/docs/troubleshooting/aws-elasticsearch-jvmpressure#:~:text=Amazon%20recommends%20keeping%20JVM%20pressure,getting%20into%20a%20red%20state

QUESTION 4

A large retailer has successfully migrated to an Amazon S3 data lake architecture. The company\\'s marketing team is using Amazon Redshift and Amazon QuickSight to analyze data, and derive and visualize insights. To ensure the marketing team has the most up-to-date actionable information, a data analyst implements nightly refreshes of Amazon Redshift using terabytes of updates from the previous day.

After the first nightly refresh, users report that half of the most popular dashboards that had been running correctly before the refresh are now running much slower. Amazon CloudWatch does not show any alerts.

What is the MOST likely cause for the performance degradation?

A. The dashboards are suffering from inefficient SQL queries.

B. The cluster is undersized for the queries being run by the dashboards.

C. The nightly data refreshes are causing a lingering transaction that cannot be automatically closed by Amazon Redshift due to ongoing user workloads.

D. The nightly data refreshes left the dashboard tables in need of a vacuum operation that could not be automatically performed by Amazon Redshift due to ongoing user workloads.

Correct Answer: B

QUESTION 5

A media company has a streaming playback application. The company needs to collect and analyze data to provide near-real-time feedback on playback issues within 30 seconds. The company requires a consumer application to identify playback issues, such as decreased quality during a specified time frame. The data will be streamed in JSON format. The schema can change over time.

Which solution will meet these requirements?



A. Send the data to Amazon Kinesis Data Firehose with delivery to Amazon S3. Configure an S3 event to invoke an AWS Lambda function to process and analyze the data.

B. Send the data to Amazon Managed Streaming for Apache Kafka. Configure Amazon Kinesis Data Analytics for SQL Application as the consumer application to process and analyze the data.

C. Send the data to Amazon Kinesis Data Firehose with delivery to Amazon S3. Configure Amazon S3 to initiate an event for AWS Lambda to process and analyze the data.

D. Send the data to Amazon Kinesis Data Streams. Configure an Amazon Kinesis Data Analytics for Apache Flink application as the consumer application to process and analyze the data.

Correct Answer: B

Latest DAS-C01 Dumps

DAS-C01 PDF Dumps

DAS-C01 Study Guide