

Free Questions for SnowPro-Core

Shared by Armstrong on 04-10-2024

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Question 1

Question Type: MultipleChoice

Which Snowflake object does not consume any storage costs?

Options:

- A- Secure view
- B- Materialized view
- C- Temporary table
- D- Transient table

Answer:

C

Explanation:

Temporary tables do not consume any storage costs in Snowflake because they only exist for the duration of the session that created them and are automatically dropped when the session ends, thus incurring no long-term storage charges⁴. Reference: [COF-C02]

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Question 2

Question Type: MultipleChoice

Which solution improves the performance of point lookup queries that return a small number of rows from large tables using highly selective filters?

Options:

- A- Automatic clustering
- B- Materialized views
- C- Query acceleration service
- D- Search optimization service

Answer:

D

Explanation:

The search optimization service improves the performance of point lookup queries on large tables by using selective filters to quickly return a small number of rows. It creates an optimized data structure that helps in pruning the micro-partitions that do not contain the queried values³. Reference: [COF-C02] SnowPro Core Certification Exam Study Guide

Question 3

Question Type: MultipleChoice

Which VALIDATION_MODE value will return the errors across the files specified in a COPY command, including files that were partially loaded during an earlier load?

Options:

- A- RETURN_-1_ROWS
- B- RETURN_n_ROWS
- C- RETURN_ERRORS
- D- RETURN ALL ERRORS

Answer:

C

Explanation:

The `RETURN_ERRORS` value in the `VALIDATION_MODE` option of the `COPY` command instructs Snowflake to validate the data files and return errors encountered across all specified files, including those that were partially loaded during an earlier load². Reference: [COF-C02] SnowPro Core Certification Exam Study Guide

Question 4

Question Type: MultipleChoice

What step can reduce data spilling in Snowflake?

Options:

- A- Using a larger virtual warehouse
- B- Increasing the virtual warehouse maximum timeout limit
- C- Increasing the amount of remote storage for the virtual warehouse

D- Using a common table expression (CTE) instead of a temporary table

Answer:

A

Explanation:

To reduce data spilling in Snowflake, using a larger virtual warehouse is effective because it provides more memory and local disk space, which can accommodate larger data operations and minimize the need to spill data to disk or remote storage¹. Reference: [COF-C02] SnowPro Core Certification Exam Study Guide

Question 5

Question Type: MultipleChoice

How should clustering be used to optimize the performance of queries that run on a very large table?

Options:

- A- Manually re-cluster the table regularly.
- B- Choose one high cardinality column as the clustering key.
- C- Use the column that is most-frequently used in query select clauses as the clustering key.
- D- Assess the average table depth to identify how clustering is impacting the query.

Answer:

B

Explanation:

For optimizing the performance of queries that run on a very large table, it is recommended to choose one high cardinality column as the clustering key. This helps to co-locate similar rows in the same micro-partitions, improving scan efficiency in queries by skipping data that does not match filtering predicates.

Question 6

Question Type: MultipleChoice

Which operation can be performed on Snowflake external tables?

Options:

A- INSERT

B- JOIN

C- RENAME

D- ALTER

Answer:

B

Explanation:

Snowflake external tables are read-only, which means data manipulation language (DML) operations like INSERT, RENAME, or ALTER cannot be performed on them. However, external tables can be used for query and join operations.

Question 7

Question Type: MultipleChoice

What happens to the objects in a reader account when the DROP MANAGED ACCOUNT command is executed?

Options:

- A- The objects are dropped.
- B- The objects enter the Fail-safe period.
- C- The objects enter the Time Travel period.
- D- The objects are immediately moved to the provider account.

Answer:

A

Explanation:

When the `DROP MANAGED ACCOUNT` command is executed in Snowflake, it removes the managed account, including all objects created within the account, and access to the account is immediately restricted.

Question 8

Question Type: MultipleChoice

Which command is used to start configuring Snowflake for Single Sign-On (SSO)?

Options:

A- CREATE SESSION POLICY

B- CREATE NETWORK RULE

C- CREATE SECURITY INTEGRATION

D- CREATE PASSWORD POLICY

Answer:

C

Explanation:

To start configuring Snowflake for Single Sign-On (SSO), the `CREATE SECURITY INTEGRATION` command is used. This command sets up a security integration object in Snowflake, which is necessary for enabling SSO with external identity providers using SAML 2.01.

Question 9

Question Type: MultipleChoice

What is a characteristic of materialized views in Snowflake?

Options:

- A- Materialized views do not allow joins.
- B- Clones of materialized views can be created directly by the user.
- C- Multiple tables can be joined in the underlying query of a materialized view.
- D- Aggregate functions can be used as window functions in materialized views.

Answer:

C

Explanation:

One of the characteristics of materialized views in Snowflake is that they allow multiple tables to be joined in the underlying query. This enables the pre-computation of complex queries involving joins, which can significantly improve the performance of subsequent queries that access the materialized view. Reference: [COF-C02] SnowPro Core Certification Exam Study Guide

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