

Neuester und gültiger SOL-C01 Test VCE Motoren-Dumps und SOL-C01 neueste Testfragen für die IT-Prüfungen



Machen Sie sich noch Sorgen um die Snowflake SOL-C01 (Snowflake Certified SnowPro Associate - Platform Certification) Zertifizierungsprüfung? Haben Sie schon mal gedacht, sich an einem entsprechenden Kurs teilzunehmen? Gute Prüfungsmaterialien zu wählen, wird Ihnen helfen, Ihre Fachkenntnisse zu konsolidieren und sich gut auf die Snowflake SOL-C01 Zertifizierungsprüfung vorbereiten. Das Expertenteam von PrüfungFrage hat endlich die neuesten zielgerichteten Schulungsunterlagen, die Ihnen beim Vorbereiten der Prüfung helfen, nach ihren Erfahrungen und Kenntnissen erforscht. Die Snowflake SOL-C01 Schulungsunterlagen von PrüfungFrage ist Ihre optimale Wahl.

Snowflake SOL-C01 Prüfungsplan:

Thema	Einzelheiten
Thema 1	Data Loading and Virtual Warehouses: This domain covers loading structured, semi-structured, and unstructured data using stages and various methods, virtual warehouse configurations and scaling strategies, and Snowflake Cortex LLM functions for AI-powered operations.

Thema 2	Interacting with Snowflake and the Architecture: This domain covers Snowflake's elastic architecture, key user interfaces like Snowsight and Notebooks, and the object hierarchy including databases, schemas, tables, and views with practical navigation and code execution skills.
Thema 3	Identity and Data Access Management: This domain focuses on Role-Based Access Control (RBAC) including role hierarchies and privileges, along with basic database administration tasks like creating objects, transferring ownership, and executing fundamental SQL commands.
Thema 4	Data Protection and Data Sharing: This domain addresses continuous data protection through Time Travel and cloning, plus data collaboration capabilities via Snowflake Marketplace and private Data Exchange sharing.

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PrüfungFrage ist eine gute Website, die effiziente Ausbildung zur Snowflake SOL-C01 Zertifizierungsprüfung bietet. Und PrüfungFrage verspricht, dass Sie die Snowflake SOL-C01 Zertifizierungsprüfung bestehen können. Sonst geben wir Ihnen eine volle Rückerstattung. Vorm Kauf unserer Produkte können Sie im Internet teilweise die Demo zur Snowflake SOL-C01 Zertifizierungsprüfung von PrüfungFrage kostenlos herunterladen. Dann werden Sie mehr Vertrauen in unsere Produkte setzen. Sie können sich dann gut auf Ihre Snowflake SOL-C01 Zertifizierungsprüfung vorbereiten.

Snowflake Certified SnowPro Associate - Platform Certification SOL-C01 Prüfungsfragen mit Lösungen (Q192-Q197):

192. Frage

Consider a scenario where you need to create a custom function (UDF) in Snowflake that uses an external Python library not available in the Snowflake Anaconda channel. How would you package and deploy this UDF, ensuring proper dependency management and version control?

- A. Use the 'snowflake-snowpark-python' library to create a Snowpark session, package the UDF and its dependencies using Conda, and deploy the resulting environment to a Snowflake stage, referencing it in the UDF definition.
- B. Install the required Python libraries directly on the Snowflake compute nodes using a startup script, and then create the UDF referencing the installed libraries.
- C. Package the UDF code and the external library as a single Python file, upload it to a Snowflake stage, and then create the UDF referencing the uploaded file.
- D. Create a Python virtual environment, install the necessary libraries, and upload the entire environment as a ZIP file to a Snowflake stage. Then, create the UDF referencing the uploaded ZIP file.
- E. Copy the source code of the external Python library and include it directly within the UDF definition. Snowflake will automatically resolve the dependencies.

Antwort: A

Begründung:

Option D describes the recommended approach using Snowpark and Conda. This allows for proper dependency management and version control by packaging the UDF and its dependencies into a Conda environment. Options A and C lack proper dependency management.

Option B is not feasible as you cannot directly install packages on Snowflake compute nodes.

Option E is impractical and violates code organization principles.

193. Frage

Which two statements describe Snowflake's elasticity features? (Choose two)

- A. Storage and compute are tightly coupled for high performance

- B. Snowflake supports semi-structured data formats
- C. Compute resources can scale independently
- D. Storage scales automatically based on demand

Antwort: C,D

194. Frage

A data warehouse contains a table 'SALES TRANSACTIONS' that is frequently updated. You need to ensure that the data is protected against accidental deletions and updates, and you need to be able to restore the data to a specific point in time. Which of the following Snowflake features and configurations should you implement to achieve this goal effectively?

- A. Set the 'DATA RETENTION TIME IN DAYS' parameter to a sufficiently long period (e.g., 90 days) and regularly create backups using Snowflake's data export feature.
- B. Rely solely on Fail-safe as this guarantees long-term data recovery and provides automated recovery capabilities. Set Data Retention parameter to 1.
- C. Set the 'DATA RETENTION TIME IN DAYS' parameter at the account level to a sufficient value, and understand that Fail-safe provides an additional layer of protection, although not directly accessible.
- D. Enable replication across multiple regions to protect against regional outages and ensure data availability. This is the only protection required.

Antwort: C

Begründung:

Setting the parameter enables Time Travel, which allows restoring data to a specific point in the past within the retention period. Fail-safe provides an additional layer of protection beyond Time Travel, but it's not directly accessible for user-initiated recovery. Replication (Option A) is for disaster recovery but doesn't help with user errors. Backups (Option B) are useful but add complexity compared to Time Travel. Option D relies solely on Fail-safe, which is not user-accessible. Note, it is best to only provide time travel on required databases to save money on storage costs, account level might be unnecessary. Therefore, C is still better option than setting at table level also.

195. Frage

How are privileges inherited in the Snowflake role hierarchy?

- A. Privileges are inherited by any roles above a given role in the hierarchy.
- B. Privileges are only inherited by the direct parent role in the hierarchy.
- C. Privileges are inherited by any roles at the same level in the hierarchy.
- D. Privileges are only inherited by direct child roles in the hierarchy.

Antwort: A

Begründung:

Snowflake uses a hierarchical Role-Based Access Control (RBAC) model. When Role A is granted to Role B, the higher-level role (Role B) inherits all privileges of the lower-level role (Role A). This upward inheritance allows broad administrative roles (such as SYSADMIN) to automatically inherit permissions granted to subordinate roles.

Key principle: privilege inheritance flows upward, not downward.

* Parent roles inherit from child roles.

* Child roles do not inherit from parent roles.

Sibling roles do not share privileges unless explicitly granted.

Thus, roles above a given role in the hierarchy inherit privileges, making option C correct.

Options A and D incorrectly describe downward inheritance, which Snowflake does not perform.

Option B (same-level inheritance) also does not occur unless privileges are explicitly granted.

This hierarchical model simplifies governance by allowing higher-level administrative roles to centrally manage access across multiple subordinate roles.

196. Frage

You are designing a data warehouse in Snowflake and need to load data from various sources.

You have a table named 'staging_customers' that contains raw customer data. You want to create a new table named 'customers'

that contains cleansed and transformed data from the 'staging_customers' table. You need to perform the following transformations: 1) Convert the 'customer name' to uppercase. 2) Remove leading and trailing spaces from the 'customer address'. 3) Handle potential duplicate records based on the 'customer id' by only inserting the latest record (assuming 'load_date' indicates the load timestamp). Which of the following approaches, using a combination of CTAS (CREATE TABLE AS SELECT) and other Snowflake features, is the MOST efficient and recommended way to achieve this?

- A. ☐
- B. ☐
- C. ☒
- D. ☐
- E. ☐

Antwort: C

Begründung:

Option A is the MOST efficient and recommended approach- It combines CTAS with the 'QUALIFY clause and 'ROW NUMBER()' window function to perform the transformations and deduplication in a single step. The 'QUALIFY clause filters the results based on the row number within each partition (customer_id), ensuring that only the row with the highest 'load_date' is included. Using window functions within a CTAS statement is highly optimized in Snowflake. Option B is incorrect because 'GROUP BY' doesn't guarantee that all other columns will correspond to the record with the maximum load_date for that customer_id. Option C can unexpected results, as the subquery might return multiple maximum load dates for different customer IDs. Option D only uses 'DISTINCT' and 'ORDER BY', which does not correctly handle duplicate records and only sorts the end result. Option E creates the table first, then attempts to delete duplicates, which is less efficient than doing it in a single CTAS statement.

197. Frage

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