

# COF-R02<sup>Q&As</sup>

SnowPro Core Recertification (COF-R02)

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# **QUESTION 1**

Which interfaces can be used to create and/or manage Virtual Warehouses?

- A. The Snowflake Web Interface (UI)
- B. SQL commands
- C. Data integration tools
- D. All of the above
- Correct Answer: D

Reference: https://docs.snowflake.com/en/user-guide/warehouses.html

# **QUESTION 2**

Files have been uploaded to a Snowflake internal stage. The files now need to be deleted.

Which SQL command should be used to delete the files?

- A. PURGE
- B. MODIFY
- C. REMOVE
- D. DELETE
- Correct Answer: D

Reference: https://www.simplilearn.com/tutorials/sql-tutorial/delete-in-sql#:~:text=The%20Delete%20command%20in%20SQL,the%20records%20from%20a%20table

# **QUESTION 3**

A user created a new worksheet within the Snowsight UI and wants to share this with teammates

How can this worksheet be shared?

- A. Create a zero-copy clone of the worksheet and grant permissions to teammates
- B. Create a private Data Exchange so that any teammate can use the worksheet
- C. Share the worksheet with teammates within Snowsight
- D. Create a database and grant all permissions to teammates

Correct Answer: C



# **QUESTION 4**

What are best practice recommendations for using the ACCOUNTADMIN system-defined role in Snowflake? (Choose two.)

- A. Ensure all ACCOUNTADMIN roles use Multi-factor Authentication (MFA).
- B. All users granted ACCOUNTADMIN role must be owned by the ACCOUNTADMIN role.
- C. The ACCOUNTADMIN role must be granted to only one user.
- D. Assign the ACCOUNTADMIN role to at least two users, but as few as possible.
- E. All users granted ACCOUNTADMIN role must also be granted SECURITYADMIN role.

Correct Answer: AD

# **QUESTION 5**

User INQUISITIVE\_PERSON has been granted the role DATA\_SCIENCE. The role DATA\_SCIENCE has privileges OWNERSHIP on the schema MARKETING of the database ANALYTICS\_DW.

Which command will show all privileges granted to that schema?

- A. SHOW GRANTS ON ROLE DATA\_SCIENCE
- B. SHOW GRANTS ON SCHEMA ANALYTICS\_DW.MARKETING
- C. SHOW GRANTS TO USER INQUISITIVE\_PERSON
- D. SHOW GRANTS OF ROLE DATA\_SCIENCE

Correct Answer: B

# **QUESTION 6**

Why does Snowflake recommend file sizes of 100-250 MB compressed when loading data?

- A. Optimizes the virtual warehouse size and multi-cluster setting to economy mode
- B. Allows a user to import the files in a sequential order
- C. Increases the latency staging and accuracy when loading the data
- D. Allows optimization of parallel operations

Correct Answer: D

# **QUESTION 7**



When is the result set cache no longer available? (Select TWO)

- A. When another warehouse is used to execute the query
- B. When another user executes the query
- C. When the underlying data has changed
- D. When the warehouse used to execute the query is suspended
- E. When it has been 24 hours since the last query

Correct Answer: CE

# **QUESTION 8**

What happens when a virtual warehouse is resized?

A. When increasing the size of an active warehouse the compute resource for all running and queued queries on the warehouse are affected

B. When reducing the size of a warehouse the compute resources are removed only when they are no longer being used to execute any current statements.

C. The warehouse will be suspended while the new compute resource is provisioned and will resume automatically once provisioning is complete.

D. Users who are trying to use the warehouse will receive an error message until the resizing is complete

Correct Answer: B

# **QUESTION 9**

If a Snowflake user decides a table should be clustered, what should be used as the cluster key?

A. The columns that are queried in the select clause.

- B. The columns with very high cardinality.
- C. The columns with many different values.
- D. The columns most actively used in the select filters.

Correct Answer: D

# **QUESTION 10**

User-level network policies can be created by which of the following roles? (Select TWO).

# A. ROLEADMIN



- B. ACCOUNTADMIN
- C. SYSADMIN
- D. SECURITYADMIN
- E. USERADMIN

Correct Answer: DE

By default, Snowflake allows users to connect to the service from any computer or device IP address. A security administrator (or higher) can create a network policy to allow or deny access to a single IP address or a list of addresses. Network policies currently support only Internet Protocol version 4 (i.e. IPv4) addresses. An administrator with sufficient permissions can create any number of network policies.

https://docs.snowflake.com/en/user-guide/network-policies.html#:~:text=A%20security%20administrator%20(or%20higher,any%20number%20of%20network%20policies.

# **QUESTION 11**

Which data types does Snowflake support when querying semi-structured data? (Select TWO)

A. VARIANT

**B. ARRAY** 

- C. VARCHAR
- D. XML

E. BLOB

Correct Answer: AB

https://docs.snowflake.com/en/user-guide/semistructured-intro.html#label-loading-semi-structured-data

A VARIANT stores semi-structured data in Snowflake. It can store a value of any other type, including OBJECT and ARRAY.

The maximum length of a VARIANT is 16 MB.

A Snowflake ARRAY is similar to an array in many other programming languages. An ARRAY contains 0 or more pieces of data. Each element is accessed by specifying its position in the array.

# **QUESTION 12**

The following JSON is stored in a VARIANT column called src of the CAR\_SALES table:



```
{
   "customer": [
    {
        "address": San Francisco, CA",
        "name": "Jane Doe"
    }
   ],
   "date": "2022-01-28",
   "dealership": "Town Auto Sales",
   "salesperson": {
        "id": "55"
   }
}
```

A user needs to extract the dealership information from the JSON.

How can this be accomplished?

- A. select src:dealership from car\_sales;
- B. select src.dealership from car\_sales;
- C. select src:Dealership from car\_sales;
- D. select dealership from car\_sales;

Correct Answer: A

# **QUESTION 13**

What is the minimum Snowflake edition required to create a materialized view?

- A. Standard Edition
- B. Enterprise Edition
- C. Business Critical Edition
- D. Virtual Private Snowflake Edition



#### Correct Answer: B

Materialized views require Enterprise Edition. To inquire about upgrading, please contact Snowflake Support https://doc s.snowflake.com/en/sql-reference/sql/create-materialized-view.html#:~:text=Materialized%20views%20require%20Enter prise%20Edition,upgrading%2C%20please%20contact%20Snowflake%20Support.

# **QUESTION 14**

What is a key feature of Snowflake architecture?

- A. Zero-copy cloning creates a mirror copy of a database that updates with the original
- B. Software updates are automatically applied on a quarterly basis
- C. Snowflake eliminates resource contention with its virtual warehouse implementation
- D. Multi-cluster warehouses allow users to run a query that spans across multiple clusters
- E. Snowflake automatically sorts DATE columns during ingest for fast retrieval by date

Correct Answer: D

# **QUESTION 15**

True or False: Data Providers can share data with only the Data Consumer.

A. True

B. False

Correct Answer: B

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