Snowflake
COF-R02
SnowPro Core Recertification Exam

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Product Version
1. Up to Date products, reliable and verified.
2. Questions and Answers in PDF Format.

Latest Version: 6.0

Question: 1

Which of the following are valid methods for authenticating users for access into Snowflake? (Select THREE)

A. SCIM
B. Federated authentication
C. TLS 1.2
D. Key-pair authentication
E. OAuth
F. OCSP authentication

Answer: B, D, E

Question: 2

During periods of warehouse contention which parameter controls the maximum length of time a warehouse will hold a query for processing?

A. STATEMENT_TIMEOUT__IN__SECONDS
B. STATEMENT_QUEUED_TIMEOUT_IN_SECONDS
C. MAX_CONCURRENCY__LEVEL
D. QUERY_TIMEOUT_IN_SECONDS

Answer: B

The parameter STATEMENT_QUEUED_TIMEOUT_IN_SECONDS sets the limit for a query to wait in the queue in order to get its chance of running on the warehouse. The query will quit after reaching this limit. By default, the value of this parameter is 0 which mean the queries will wait indefinitely in the waiting queue
https://community.snowflake.com/s/article/Warehouse-Concurrency-and-Statement-Timeout-Parameters#:~:text=The%20parameter%20STATEMENT_QUEUED_TIMEOUT_IN_SECONDS%20sets%20the,indefinitely%20in%20the%20waiting%20queue.

Question: 3

Which of the following indicates that it may be appropriate to use a clustering key for a table? (Select TWO).

A. The table contains a column that has very low cardinality

B. DML statements that are being issued against the table are blocked
C. The table has a small number of micro-partitions
D. Queries on the table are running slower than expected
E. The clustering depth for the table is large

Answer: A, E

Question: 4

Which Snowflake object enables loading data from files as soon as they are available in a cloud storage location?

A. Pipe
B. External stage
C. Task
D. Stream

Answer: A

Snowpipe enables loading data from files as soon as they're available in a stage. This means you can load data from files in micro-batches, making it available to users within minutes, rather than manually executing COPY statements on a schedule to load larger batches.
https://docs.snowflake.com/en/user-guide/data-load-snowpipe-intro.html

Question: 5

A user needs to create a materialized view in the schema MYDB.MYSCHEMA.
Which statements will provide this access?
A.
GRANT ROLE MYROLE TO USER USER1;
CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO ROLE MYROLE;
B.
GRANT ROLE MYROLE TO USER USER1;
CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO USER USER1;
C.
GRANT ROLE MYROLE TO USER USER1;
CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO USER1;
D.
GRANT ROLE MYROLE TO USER USER1;
CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO MYROLE;

Answer: B

Question: 6

What is the default character set used when loading CSV files into Snowflake?

A. UTF-8
B. UTF-16
C. ISO S859-1
D. ANSI_X3.A

Answer: A

https://docs.snowflake.com/en/user-guide/intro-summary-loading.html#:~:text=For%20delimited%20files%20(CSV%2C%20TSV,encoding%20to%20use%20for%20loading.

For delimited files (CSV, TSV, etc.), the default character set is UTF-8. To use any other characters sets, you must explicitly specify the encoding to use for loading. For the list of supported character sets, see Supported Character Sets for Delimited Files (in this topic).

Question: 7

A sales table FCT_SALES has 100 million records.
The following Query was executed
SELECT COUNT (1) FROM FCT__SALES;
How did Snowflake fulfill this query?

A. Query against the result set cache
B. Query against a virtual warehouse cache
C. Query against the most-recently created micro-partition
D. Query against the metadata excite

Answer: D

Question: 8

Which cache type is used to cache data output from SQL queries?

A. Metadata cache
B. Result cache
C. Remote cache
D. Local file cache

Answer: B

https://community.snowflake.com/s/article/Caching-in-Snowflake-Data-Warehouse

Question: 9

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

Answer: D

Question: 10

What is a limitation of a Materialized View?

A. A Materialized View cannot support any aggregate functions
B. A Materialized View can only reference up to two tables
C. A Materialized View cannot be joined with other tables
D. A Materialized View cannot be defined with a JOIN

Answer: D

There are several limitations to using materialized views:
A materialized view can query only a single table.
Joins, including self-joins, are not supported.

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