

Snowflake

Exam Questions SnowPro-Core

SnowPro Core Certification Exam



NEW QUESTION 1

- (Exam Topic 1)

True or False: A third-party tool that supports standard JDBC or ODBC but has no Snowflake-specific driver will be unable to connect to Snowflake.

- A. True
- B. False

Answer: B

Explanation:

<https://docs.snowflake.com/en/user-guide/jdbc.html>

Snowflake provides a JDBC type 4 driver that supports core JDBC functionality. The JDBC driver must be installed in a 64-bit environment and requires Java 1.8 (or higher). The driver can be used with most client tools/applications that support JDBC for connecting to a database server.

NEW QUESTION 2

- (Exam Topic 1)

Which of the following are true of multi-cluster Warehouses? Select all that apply below.

- A. A multi-cluster Warehouse can add clusters automatically based on query activity
- B. A multi-cluster Warehouse can automatically turn itself off after a period of inactivity
- C. A multi-cluster Warehouse can scale down when query activity slows
- D. A multi-cluster Warehouse can automatically turn itself on when a query is executed against it

Answer: ABCD

NEW QUESTION 3

- (Exam Topic 1)

Which of the following accurately represents how a table fits into Snowflake's logical container hierarchy? Select one.

- A. Account -> Schema -> Database -> Table
- B. Account -> Database -> Schema -> Table
- C. Database -> Schema -> Table -> Account
- D. Database -> Table -> Schema -> Account

Answer: B

Explanation:

Reference: <https://docs.snowflake.com/en/sql-reference/ddl-database.html>

NEW QUESTION 4

- (Exam Topic 1)

The FLATTEN function is used to query which type of data in Snowflake?

- A. Structured data
- B. Semi-structured data
- C. Both of the above
- D. None of the above

Answer: B

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/querying-semistructured.html>

FLATTEN is used to unnest semi-structured data. Don't see an application for structured data as by definition it shouldn't be nested.

NEW QUESTION 5

- (Exam Topic 1)

A deterministic query is run at 8am, takes 5 minutes, and the results are cached. Which of the following statements are true?

Choose 2 answers

- A. The exact query will ALWAYS return the precomputed result set for the RESULT_CACHE_ACTIVE = time period
- B. The same exact query will return the precomputed results if the underlying data hasn't changed and the results were last accessed within the previous 24 hour period
- C. The same exact query will return the precomputed results even if the underlying data has changed as long as the results were last accessed within the previous 24 hour period
- D. The "24 hour" on the precomputed results gets renewed every time the exact query is executed

Answer: BD

Explanation:

The results cache will only be used if it's the same query AND the same role executing the query

NEW QUESTION 6

- (Exam Topic 1)

The Query History in the Snowflake Web Interface (UI) is kept for approximately:

- A. 60 minutes

- B. 24 hours
- C. 14 days
- D. 30 days
- E. 1 year

Answer: C

Explanation:

Reference: https://docs.snowflake.com/en/sql-reference/account-usage/query_history.html

NEW QUESTION 7

- (Exam Topic 1)

True or False: Some queries can be answered through the metadata cache and do not require an active Virtual Warehouse.

- A. True
- B. False

Answer: A

Explanation:

Some aggregate queries are answered thru micro partitions metadata only not requiring any VW spin ups.

NEW QUESTION 8

- (Exam Topic 1)

Which statement best describes " clustering"?

- A. Clustering represents the way data is grouped together and stored within snowflake's micro-partitions
- B. The database administrator must define the clustering methodology for each Snowflake table.
- C. The clustering key must be included on the COPV command when loading data into Snowflake.
- D. Clustering can be disabled within a Snowflake account.

Answer: A

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/tables-clustering-micropartitions.html>

NEW QUESTION 9

- (Exam Topic 1)

Which of the following objects is not covered by Time Travel?

- A. Tables
- B. Schemas
- C. Databases
- D. Stages

Answer: D

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/data-time-travel.html>

NEW QUESTION 10

- (Exam Topic 1)

Which of the following statements are true about Schemas in Snowflake? (Choose two.)

- A. A Schema may contain one or more Databases
- B. A Database may contain one or more Schemas
- C. A Schema is a logical grouping of Database Objects
- D. Each Schema is contained within a Warehouse

Answer: BC

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/data-sharing-multiple-db.html>

NEW QUESTION 10

- (Exam Topic 1)

Which item in the Data Warehouse migration process does not apply in Snowflake? (Select two)

- A. Migrate Users
- B. Migrate Schemas
- C. Migrate Indexes
- D. Build the Data pipeline

Answer: CD

NEW QUESTION 14

- (Exam Topic 1)

What is the recommended method for loading data into Snowflake?

- A. Load row by row
- B. Load data in batch
- C. Load data by writing it In the Snowflake Web Interface (UI)
- D. Load data via frequent, angle row DML's

Answer: B

NEW QUESTION 16

- (Exam Topic 1)

True or False: Users are able to see the result sets of queries executed by other users that share their same role.

- A. True
- B. False

Answer: B

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/security-access-control-considerations.html>

NEW QUESTION 19

- (Exam Topic 1)

How many shares can be consumed by single Data Consumer?

- A. 1
- B. 10
- C. 100, but can be increased by contacting support
- D. Unlimited

Answer: D

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/data-sharing-intro.html>

NEW QUESTION 21

- (Exam Topic 1)

True or False: An active warehouse is required to run a COPY INTO statement.

- A. True
- B. False

Answer: A

NEW QUESTION 26

- (Exam Topic 1)

True or False: When data share is established between a Data Provider and a data Consumer, the Data Consumer can extend that data share to other Data Consumers.

- A. True
- B. False

Answer: B

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/data-sharing-intro.html>

NEW QUESTION 31

- (Exam Topic 1)

If a Small Warehouse is made up of 2 servers/cluster, how many servers/cluster make up a Medium Warehouse?

- A. 4
- B. 16
- C. 32
- D. 128

Answer: A

Explanation:

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

NEW QUESTION 33

- (Exam Topic 1)

The PUT command: (Choose two.)

- A. Automatically creates a File Format object
- B. Automatically uses the last Stage created
- C. Automatically compresses files using Gzip
- D. Automatically encrypts files

Answer: CD

Explanation:

Reference: <https://docs.snowflake.com/en/sql-reference/sql/put.html>

NEW QUESTION 35

- (Exam Topic 1)

When scaling out by adding clusters to a multi-cluster warehouse, you are primarily scaling for improved:

- A. Concurrency
- B. Performance

Answer: A

Explanation:

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

NEW QUESTION 39

- (Exam Topic 1)

Select the different types of Internal Stages: (Choose three.)

- A. Named Stage
- B. User Stage
- C. Table Stage
- D. Schema Stage

Answer: ABC

Explanation:

Reference: <https://dwgeek.com/type-of-snowflake-stages-how-to-create-and-use.html/#Snowflake-Internal- Named-Stage>

NEW QUESTION 43

- (Exam Topic 1)

A Virtual Warehouse's auto-suspend and auto-resume settings apply to:

- A. The primary duster in the virtual warehouse
- B. The entire Virtual Warehouse
- C. The database the Virtual Warehouse resides in
- D. The queries currently being run by the Virtual Warehouse

Answer: B

Explanation:

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

NEW QUESTION 48

- (Exam Topic 1)

True or False: Once created, a micro-partition will never be changed.

- A. True
- B. False

Answer: A

Explanation:

Reference: <https://interworks.com/blog/kbridges/2019/03/12/time-travel-with-snowflake/>

NEW QUESTION 50

- (Exam Topic 1)

Increasing the size of a Virtual Warehouse from an X-Small to an X-Large is an example of:

- A. Scaling rhythmically
- B. Scaling max
- C. Scaling out
- D. Scaling up

Answer: D

NEW QUESTION 51

- (Exam Topic 1)

What parameter controls if the Virtual warehouse starts immediately after the CREATE WAREHOUSE statement? Select one.

- A. INITIALLY_SUSPENDED = TRUE/FALSE
- B. START_AFTCR_CREATE = TRUE/FALSE
- C. START_TTIME = 60 // (seconds from now)
- D. START.TIME = CURRENT.DATE()

Answer: A

NEW QUESTION 54

- (Exam Topic 1)

Which of the following are options when creating a virtual Warehouse? Choose 2 answers

- A. Auto-drop
- B. Auto resize
- C. Auto-resume
- D. Auto-suspend

Answer: CD

Explanation:

Reference: https://help.pentaho.com/Documentation/9.1/Products/Create_Snowflake_warehouse Reference: <https://www.analytics.today/blog/what-is-a-snowflake-virtual-warehouse>

NEW QUESTION 57

- (Exam Topic 1)

True or False: You can query the files in an External Stage directly without having to load the data into a table.

- A. True
- B. False

Answer: A

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/tables-external-intro.html>

External tables are read-only, therefore no DML operations can be performed on them; however, external tables can be used for query and join operations. Views can be created against external tables.

NEW QUESTION 58

- (Exam Topic 1)

When creating a user it is advisable to:
Choose 2 answers

- A. Set the user to be initially disabled
- B. Force an immediate password change
- C. Set a default role for the user
- D. Set the number of minutes to unlock to 15 minutes
- E. Set the users access to expire within a specified timeframe

Answer: BC

NEW QUESTION 61

- (Exam Topic 1)

What is the minimum Snowflake edition that provides multi-cluster warehouses and up to 90 days of Time Travel?

- A. Standard
- B. Premier
- C. Enterprise
- D. Business Critical Edition

Answer: C

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/intro-editions.html>

NEW QUESTION 63

- (Exam Topic 1)

True or False: When you create a custom role, it is a practice to immediately grant that role to ACCOUNTADMIN.

- A. True
- B. False

Answer: B

NEW QUESTION 68

- (Exam Topic 1)

True or False: You can define multiple columns within a clustering key on a table.

- A. True
- B. False

Answer: A

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/tables-clustering-keys.html>

NEW QUESTION 72

- (Exam Topic 1)

Snowflake recommends, as a minimize, that all users with the following roles(s) should be enrolled in Multi-Factor Authentication (MFA):
Select one:

- A. SECURITYADMIN, ACCOUNTADMIN, PUBLIC, SYSADMIN
- B. SECURITYADMIN ACCOUNTADMIN, SYSADMIN
- C. SECURITYADMIN, ACCOUNTADMIN
- D. ACCOUNTADMIN

Answer: D

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/security-mfa.html>

NEW QUESTION 73

- (Exam Topic 1)

True or False: Query ID's are unique across all Snowflake deployments and can be used in communication with Snowflake Support to help troubleshoot issues.

- A. True
- B. False

Answer: A

NEW QUESTION 78

- (Exam Topic 1)

True or False: A table in Snowflake can only be queried using the Virtual Warehouse that was used to load the data.

- A. True
- B. False

Answer: B

NEW QUESTION 82

- (Exam Topic 1)

How would you execute a series of SQL statements using Task?

- A. include the SQL statements in the body of the task create task mytask.. as insert into target1 select., from stream_s1 where ..INSERT INTO target2 SELECT .. FROM stream .s1 where ..
- B. A stored procedure can have only one DML statement per stored procedure invocation and therefore you should sequence stored procedures calls in the task definition CREATE TASK mytask.... AS call stored_prc1(); call stored_proc2t);
- C. A stored procedure executing multiple SQL statements and invoke the stored procedure from the task.CREATE TASK mytask.... AS callstored_proc_multiple_statements_inside());
- D. Create a task for each SQL statement (e.
- E. resulting in task1. task2, etc) and string the series of SQL statements by having a control task calling task 1, task 2 sequentially.

Answer: C

NEW QUESTION 87

- (Exam Topic 1)

True or False: Snowflake's data warehouse was built from the ground up for the cloud in lieu of using an existing database or a platform, like Hadoop, as a base.

- A. True
- B. False

Answer: B

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/intro-key-concepts.html>

NEW QUESTION 91

- (Exam Topic 1)

What happens when a Data Provider revokes privileges to a Share on an object in their source database?

- A. The object immediately becomes unavailable for all Data Consumers
- B. Any additional data arriving after this point in time will not be visible to Data Consumers
- C. The Data Consumers stop seeing data updates and become responsible for storage charges for the object
- D. A static copy of the object at the time the privilege was revoked is created In the Data Consumers' accounts

Answer: A

NEW QUESTION 94

- (Exam Topic 1)

Account-level storage usage can be monitored via:

- A. The snowflake web Interface (UI) in the Databases section.
- B. The Snowflake web interface (UI) in the Account -> Billing a usage section
- C. The Information Schema -> ACCOUNT_USAGE_HISTORY View
- D. The Account usage Schema -> ACCOUNT_USAGE_METRICS View

Answer: B

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/admin-usage-billing.html>

NEW QUESTION 96

- (Exam Topic 1)

Which of the following statements about data sharing are true? choose 2 answers

- A. New objects created by a Data Provider are automatically shared with existing Data Consumers & Reader Accounts
- B. All database objects can be included in a shared database
- C. Reader Accounts are created and funded by Data Providers
- D. Shared databases are read-only

Answer: CD

NEW QUESTION 98

- (Exam Topic 2)

Where would a Snowflake user find information about query activity from 90 days ago?

- A. Account__usage . query history view
- B. account__usage.query__history__archive View
- C. information__schema . query_history view
- D. information__schema - query_history_by_session view

Answer: A

NEW QUESTION 103

- (Exam Topic 2)

Which Snowflake technique can be used to improve the performance of a query?

- A. Clustering
- B. Indexing
- C. Fragmenting
- D. Using INDEX HINTS

Answer: A

Explanation:

<https://docs.snowflake.com/en/user-guide/tables-clustering-keys.html>

NEW QUESTION 104

- (Exam Topic 2)

A marketing co-worker has requested the ability to change a warehouse size on their medium virtual warehouse called mktg__WH.

Which of the following statements will accommodate this request?

- A. ALLOW RESIZE ON WAREHOUSE MKTG__WH TO USER MKTG__LEAD;
- B. GRANT MODIFY ON WAREHOUSE MKTG WH TO ROLE MARKETING;
- C. GRANT MODIFY ON WAREHOUSE MKTG__WH TO USER MKTG__LEAD;
- D. GRANT OPERATE ON WAREHOUSE MKTG WH TO ROLE MARKETING;

Answer: B

NEW QUESTION 109

- (Exam Topic 2)

What is a machine learning and data science partner within the Snowflake Partner Ecosystem?

- A. Informatica
- B. Power BI
- C. Adobe
- D. Data Robot

Answer: D

Explanation:

<https://docs.snowflake.com/en/user-guide/ecosystem-analytics.html>

NEW QUESTION 111

- (Exam Topic 2)

A developer is granted ownership of a table that has a masking policy. The developer's role is not able to see the masked data. Will the developer be able to modify the table to read the masked data?

- A. Yes, because a table owner has full control and can unset masking policies.
- B. Yes, because masking policies only apply to cloned tables.
- C. No, because masking policies must always reference specific access roles.
- D. No, because ownership of a table does not include the ability to change masking policies

Answer: A

NEW QUESTION 116

- (Exam Topic 2)

A user has 10 files in a stage containing new customer data. The ingest operation completes with no errors, using the following command:

```
COPY INTO my__table FROM @my__stage;
```

The next day the user adds 10 files to the stage so that now the stage contains a mixture of new customer data and updates to the previous data. The user did not remove the 10 original files.

If the user runs the same copy into command what will happen?

- A. All data from all of the files on the stage will be appended to the table
- B. Only data about new customers from the new files will be appended to the table
- C. The operation will fail with the error uncertain files in stage.
- D. All data from only the newly-added files will be appended to the table.

Answer: A

NEW QUESTION 118

- (Exam Topic 2)

True or False: A Virtual Warehouse can be resized while suspended.

- A. True
- B. False

Answer: A

Explanation:

Reference:

<https://docs.snowflake.com/en/user-guide/warehouses-tasks.html#effects-of-resizing-a-suspended-warehouse>

NEW QUESTION 120

- (Exam Topic 2)

The fail-safe retention period is how many days?

- A. 1 day
- B. 7 days
- C. 45 days
- D. 90 days

Answer: B

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/data-failsafe.html>

NEW QUESTION 123

- (Exam Topic 2)

Which copy INTO command outputs the data into one file?

- A. SINGLE=TRUE
- B. MAX_FILE_NUMBER=1
- C. FILE_NUMBER=1
- D. MULTIPLE=FAISE

Answer: A

NEW QUESTION 124

- (Exam Topic 2)

Will data cached in a warehouse be lost when the warehouse is resized?

- A. Possibly, if the warehouse is resized to a smaller size and the cache no longer fits.
- B. Ye
- C. because the compute resource is replaced in its entirety with a new compute resource.
- D. N
- E. because the size of the cache is independent from the warehouse size
- F. Ye

G. became the new compute resource will no longer have access to the cache encryption key

Answer: A

NEW QUESTION 129

- (Exam Topic 2)

Which Snowflake objects track DML changes made to tables, like inserts, updates, and deletes?

- A. Pipes
- B. Streams
- C. Tasks
- D. Procedures

Answer: B

Explanation:

[https://dataterrain.com/how-to-change-tracking-using-table-streams-in-snowflake/#:~:text=A%20stream%20is%](https://dataterrain.com/how-to-change-tracking-using-table-streams-in-snowflake/#:~:text=A%20stream%20is%20)

NEW QUESTION 131

- (Exam Topic 2)

Which command is used to unload data from a Snowflake table into a file in a stage?

- A. COPY INTO
- B. GET
- C. WRITE
- D. EXTRACT INTO

Answer: A

Explanation:

<https://docs.snowflake.com/en/user-guide/data-unload-snowflake.html#:~:text=Your%20User%20Stage-,Use%20>

NEW QUESTION 132

- (Exam Topic 2)

Which of the following describes external functions in Snowflake?

- A. They are a type of User-defined Function (UDF).
- B. They contain their own SQL code.
- C. They call code that is stored inside of Snowflake.
- D. They can return multiple rows for each row received

Answer: A

Explanation:

External functions are user-defined functions that are stored and executed outside of Snowflake.

External functions make it easier to access external API services such as geocoders, machine learning models, and other custom code running outside of Snowflake. This feature eliminates the need to export and reimport data when using third-party services, significantly simplifying your data pipelines.

<https://docs.snowflake.com/en/sql-reference/external-functions.html#:~:text=External%20functions%20are%20>

NEW QUESTION 136

- (Exam Topic 2)

Which stage type can be altered and dropped?

- A. Database stage
- B. External stage
- C. Table stage
- D. User stage

Answer: C

Explanation:

<https://docs.snowflake.com/en/user-guide/data-load-local-file-system-create-stage.html#table-stages>

NEW QUESTION 139

- (Exam Topic 2)

A user has unloaded data from Snowflake to a stage

Which SQL command should be used to validate which data was loaded into the stage?

- A. list @file__stage
- B. show @file__stage
- C. view @file__stage
- D. verify @file__stage

Answer: A

NEW QUESTION 144

- (Exam Topic 2)

When reviewing a query profile, what is a symptom that a query is too large to fit into the memory?

- A. A single join node uses more than 50% of the query time
- B. Partitions scanned is equal to partitions total
- C. An AggregateOperator node is present
- D. The query is spilling to remote storage

Answer: D

NEW QUESTION 149

- (Exam Topic 2)

What data is stored in the Snowflake storage layer? (Select TWO).

- A. Snowflake parameters
- B. Micro-partitions
- C. Query history
- D. Persisted query results
- E. Standard and secure view results

Answer: BD

NEW QUESTION 150

- (Exam Topic 2)

Which command can be used to stage local files from which Snowflake interface?

- A. SnowSQL
- B. Snowflake classic web interface (UI)
- C. Snowsight
- D. .NET driver

Answer: A

Explanation:

<https://docs.snowflake.com/en/user-guide/snowsql-use.html>

NEW QUESTION 154

- (Exam Topic 2)

Query compilation occurs in which architecture layer of the Snowflake Cloud Data Platform?

- A. Compute layer
- B. Storage layer
- C. Cloud infrastructure layer
- D. Cloud services layer

Answer: A

Explanation:

For query execution, Snowflake uses the Virtual Warehouse. The query processing layer is separated from the disk storage layer in the Snowflake data architecture. You can use the data from the storage layer to run queries in this layer

<https://www.projectpro.io/article/snowflake-architecture-what-does-snowflake-do/556#:~:text=Query%20Proce>

NEW QUESTION 158

- (Exam Topic 2)

A user has an application that writes a new Tile to a cloud storage location every 5 minutes. What would be the MOST efficient way to get the files into Snowflake?

- A. Create a task that runs a copy into operation from an external stage every 5 minutes
- B. Create a task that puts the files in an internal stage and automate the data loading wizard
- C. Create a task that runs a GET operation to intermittently check for new files
- D. Set up cloud provider notifications on the Tile location and use Snowpipe with auto-ingest

Answer: D

Explanation:

<https://docs.snowflake.com/en/user-guide/data-load-snowpipe-intro.html>

NEW QUESTION 160

- (Exam Topic 2)

True or False: When you create a custom role, it is a best practice to immediately grant that role to ACCOUNTADMIN.

- A. True
- B. False

Answer: B

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/security-access-control-considerations.html>

NEW QUESTION 163

- (Exam Topic 2)

How would you determine the size of the virtual warehouse used for a task?

- A. Root task may be executed concurrently (i.
- B. multiple instances), it is recommended to leave some margins in the execution window to avoid missing instances of execution
- C. Querying (select) the size of the stream content would help determine the warehouse size
- D. For example, if querying large stream content, use a larger warehouse size
- E. If using the stored procedure to execute multiple SQL statements, it's best to test run the stored procedure separately to size the compute resource first
- F. Since task infrastructure is based on running the task body on schedule, it's recommended to configure the virtual warehouse for automatic concurrency handling using Multi-cluster warehouse (MCW) to match the task schedule

Answer: C

NEW QUESTION 166

- (Exam Topic 2)

A user is loading JSON documents composed of a huge array containing multiple records into Snowflake. The user enables the strip outer_array file format option. What does the STRIP_OUTER_ARRAY file format do?

- A. It removes the last element of the outer array.
- B. It removes the outer array structure and loads the records into separate table rows,
- C. It removes the trailing spaces in the last element of the outer array and loads the records into separate table columns
- D. It removes the NULL elements from the JSON object eliminating invalid data and enables the ability to load the records

Answer: B

Explanation:

Data Size Limitations

The VARIANT data type imposes a 16 MB size limit on individual rows.

For some semi-structured data formats (e.g. JSON), data sets are frequently a simple concatenation of multiple documents. The JSON output from some software is composed of a single huge array containing multiple records. There is no need to separate the documents with line breaks or commas, though both are supported.

If the data exceeds 16 MB, enable the STRIP_OUTER_ARRAY file format option for the COPY INTO

<table> command to remove the outer array structure and load the records into separate table rows:

copy into <table> from @~/<file>.json

file_format = (type = 'JSON' strip_outer_array = true); <https://docs.snowflake.com/en/user-guide/semistructured-considerations.html>

NEW QUESTION 170

- (Exam Topic 2)

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

NEW QUESTION 171

- (Exam Topic 2)

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

Answer: DE

Explanation:

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\(o](https://docs.snowflake.com/en/user-guide/network-policies.html#:~:text=A%20security%20administrator%20(o)

NEW QUESTION 175

- (Exam Topic 2)

Which Snowflake partner specializes in data catalog solutions?

- A. Alation
- B. DataRobot
- C. dbt
- D. Tableau

Answer: A

Explanation:

Alation provides Data Cataloging functionality. They state they are the 'One Place to Find, Understand, & Govern Data Across an Enterprise.'
<https://docs.snowflake.com/en/user-guide/ecosystem-all.html>

NEW QUESTION 178

- (Exam Topic 2)

A company strongly encourages all Snowflake users to self-enroll in Snowflake's default Multi-Factor Authentication (MFA) service to provide increased login security for users connecting to Snowflake.

Which application will the Snowflake users need to install on their devices in order to connect with MFA?

- A. Okta Verify
- B. Duo Mobile
- C. Microsoft Authenticator
- D. Google Authenticator

Answer: B

Explanation:

<https://docs.snowflake.com/en/user-guide/security-mfa.html>

NEW QUESTION 179

- (Exam Topic 2)

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

Answer: CE

NEW QUESTION 184

- (Exam Topic 2)

In the query profiler view for a query, which components represent areas that can be used to help optimize query performance? (Select TWO)

- A. Bytes scanned
- B. Bytes sent over the network
- C. Number of partitions scanned
- D. Percentage scanned from cache
- E. External bytes scanned

Answer: AC

NEW QUESTION 189

- (Exam Topic 2)

What tasks can be completed using the copy command? (Select TWO)

- A. Columns can be aggregated
- B. Columns can be joined with an existing table
- C. Columns can be reordered
- D. Columns can be omitted
- E. Data can be loaded without the need to spin up a virtual warehouse

Answer: CD

NEW QUESTION 192

- (Exam Topic 2)

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

- A. VARIANT
- B. ARRAY
- C. VARCHAR
- D. XML
- E. BLOB

Answer: AB

Explanation:

<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.

NEW QUESTION 197

- (Exam Topic 2)

What transformations are supported in a CREATE PIPE ... AS COPY ... FROM (....) statement? (Select TWO.)

- A. Data can be filtered by an optional where clause
- B. Incoming data can be joined with other tables
- C. Columns can be reordered
- D. Columns can be omitted
- E. Row level access can be defined

Answer: CD

NEW QUESTION 198

- (Exam Topic 3)

Which command should be used to load data from a file, located in an external stage, into a table in Snowflake?

- A. INSERT
- B. PUT
- C. GET
- D. COPY

Answer: D

NEW QUESTION 201

- (Exam Topic 3)

Which of the following is an example of an operation that can be completed without requiring compute, assuming no queries have been executed previously?

- A. SELECT SUM (ORDER_AMT) FROM SALES;
- B. SELECT AVG(ORDER_QTY) FROM SALES;
- C. SELECT MIN(ORDER_AMT) FROM SALES;
- D. SELECT ORDER_AMT * ORDER_QTY FROM SALES;

Answer: B

NEW QUESTION 206

- (Exam Topic 3)

What is the recommended compressed file size range for continuous data loads using Snowpipe?

- A. 8-16 MB
- B. 16-24 MB
- C. 10-99 MB
- D. 100-250 MB

Answer: B

NEW QUESTION 208

- (Exam Topic 3)

A single user of a virtual warehouse has set the warehouse to auto-resume and auto-suspend after 10 minutes. The warehouse is currently suspended and the user performs the following actions:

- * 1. Runs a query that takes 3 minutes to complete
- * 2. Leaves for 15 minutes
- * 3. Returns and runs a query that takes 10 seconds to complete
- * 4. Manually suspends the warehouse as soon as the last query was completed

When the user returns, how much billable compute time will have been consumed?

- A. 4 minutes
- B. 10 minutes
- C. 14 minutes
- D. 24 minutes

Answer: C

NEW QUESTION 212

- (Exam Topic 3)

What happens to the shared objects for users in a consumer account from a share, once a database has been created in that account?

- A. The shared objects are transferred.
- B. The shared objects are copied.
- C. The shared objects become accessible.
- D. The shared objects can be re-shared.

Answer: B

NEW QUESTION 214

- (Exam Topic 3)

Snowflake supports the use of external stages with which cloud platforms? (Choose three.)

- A. Amazon Web Services
- B. Docker
- C. IBM Cloud
- D. Microsoft Azure Cloud

- E. Google Cloud Platform
- F. Oracle Cloud

Answer: BDE

NEW QUESTION 216

- (Exam Topic 3)

What type of query benefits the MOST from search optimization?

- A. A query that uses only disjunction (i.e., OR) predicates
- B. A query that includes analytical expressions
- C. A query that uses equality predicates or predicates that use IN
- D. A query that filters on semi-structured data types

Answer: C

Explanation:

Reference: <https://community.snowflake.com/s/article/Search-Optimization-When-How-To-Use>

NEW QUESTION 219

- (Exam Topic 3)

Which statement MOST accurately describes clustering in Snowflake?

- A. The database ACCOUNTADMIN must define the clustering methodology for each Snowflake table.
- B. Clustering is the way data is grouped together and stored within Snowflake micro-partitions.
- C. The clustering key must be included in the COPY command when loading data into Snowflake.
- D. Clustering can be disabled within a Snowflake account.

Answer: B

NEW QUESTION 224

- (Exam Topic 3)

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.

Answer: D

NEW QUESTION 228

- (Exam Topic 3)

The Snowflake Search Optimization Services supports improved performance of which kind of query?

- A. Queries against large tables where frequent DML occurs
- B. Queries against tables larger than 1 TB
- C. Selective point lookup queries
- D. Queries against a subset of columns in a table

Answer: C

Explanation:

Reference:

[https://docs.snowflake.com/en/user-guide/search-optimization-service.html#:~:text=The%20search%20optimiza%20point,OBJECT%2C%20and%20ARRAY%20columns\)](https://docs.snowflake.com/en/user-guide/search-optimization-service.html#:~:text=The%20search%20optimiza%20point,OBJECT%2C%20and%20ARRAY%20columns))

NEW QUESTION 233

- (Exam Topic 3)

The first user assigned to a new account, ACCOUNTADMIN, should create at least one additional user with which administrative privilege?

- A. USERADMIN
- B. PUBLIC
- C. ORGADMIN
- D. SYSADMIN

Answer: D

NEW QUESTION 236

- (Exam Topic 3)

Which of the following are characteristics of security in Snowflake?

- A. Account and user authentication is only available with the Snowflake Business Critical edition.
- B. Support for HIPAA and GDPR compliance is available for UI Snowflake editions.
- C. Periodic rekeying of encrypted data is available with the Snowflake Enterprise edition and higher
- D. Private communication to internal stages is allowed in the Snowflake Enterprise edition and higher.

Answer: C

NEW QUESTION 239

- (Exam Topic 3)

What actions will prevent leveraging of the ResultSet cache? (Choose two.)

- A. Removing a column from the query SELECT list
- B. Stopping the virtual warehouse that the query is running against
- C. Clustering of the data used by the query
- D. Executing the RESULTS_SCAN() table function
- E. Changing a column that is not in the cached query

Answer: AD

NEW QUESTION 240

- (Exam Topic 3)

Which SQL command can be used to see the CREATE definition of a masking policy?

- A. SHOW MASKING POLICIES
- B. DESCRIBE MASKING POLICY
- C. GET_DDL
- D. LIST MASKING POLICIES

Answer: C

NEW QUESTION 242

- (Exam Topic 3)

Which of the following can be used when unloading data from Snowflake? (Choose two.)

- A. When unloading semi-structured data, it is recommended that the STRIP_OUTER_ARRAY option be used.
- B. Use the ENCODING file format option to change the encoding from the default UTF-8.
- C. The OBJECT_CONSTRUCT function can be used to convert relational data to semi-structured data.
- D. By using the SINGLE = TRUE parameter, a single file up to 5 GB in size can be exported to the storage layer.
- E. Use the PARSE_JSON function to ensure structured data will be unloaded into the VARIANT data type.

Answer: AD

NEW QUESTION 244

- (Exam Topic 3)

A user has unloaded data from a Snowflake table to an external stage.

Which command can be used to verify if data has been uploaded to the external stage named my_stage?

- A. view @my_stage
- B. list @my_stage
- C. show @my_stage
- D. display @my_stage

Answer: B

NEW QUESTION 247

- (Exam Topic 3)

What is the default file size when unloading data from Snowflake using the COPY command?

- A. 5 MB
- B. 8 GB
- C. 16 MB
- D. 32 MB

Answer: C

NEW QUESTION 251

- (Exam Topic 3)

A user has a standard multi-cluster warehouse auto-scaling policy in place. Which condition will trigger a cluster to shut-down?

- A. When after 2-3 consecutive checks the system determines that the load on the most-loaded cluster could be redistributed.
- B. When after 5-6 consecutive checks the system determines that the load on the most-loaded cluster could be redistributed.
- C. When after 5-6 consecutive checks the system determines that the load on the least-loaded cluster could be redistributed.
- D. When after 2-3 consecutive checks the system determines that the load on the least-loaded cluster could be redistributed.

Answer: D

NEW QUESTION 256

- (Exam Topic 3)

What are common issues found by using the Query Profile? (Choose two.)

- A. Identifying queries that will likely run very slowly before executing them
- B. Locating queries that consume a high amount of credits
- C. Identifying logical issues with the queries
- D. Identifying inefficient micro-partition pruning
- E. Data spilling to a local or remote disk

Answer: AD

NEW QUESTION 259

- (Exam Topic 3)

Which minimum Snowflake edition allows for a dedicated metadata store?

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

Answer: D

Explanation:

Reference: <https://docs.snowflake.com/en/user-guide/intro-editions.html>

NEW QUESTION 262

- (Exam Topic 3)

Which Snowflake feature allows a user to substitute a randomly generated identifier for sensitive data, in order to prevent unauthorized users access to the data, before loading it into Snowflake?

- A. External Tokenization
- B. External Tables
- C. Materialized Views
- D. User-Defined Table Functions (UDTF)

Answer: A

NEW QUESTION 267

- (Exam Topic 3)

How are serverless features billed?

- A. Per second multiplied by an automatic sizing for the job
- B. Per minute multiplied by an automatic sizing for the job, with a minimum of one minute
- C. Per second multiplied by the size, as determined by the SERVERLESS_FEATURES_SIZE account parameter
- D. Serverless features are not billed, unless the total cost for the month exceeds 10% of the warehouse credits, on the account

Answer: D

NEW QUESTION 268

- (Exam Topic 3)

What do the terms scale up and scale out refer to in Snowflake? (Choose two.)

- A. Scaling out adds clusters of the same size to a virtual warehouse to handle more concurrent queries.
- B. Scaling out adds clusters of varying sizes to a virtual warehouse.
- C. Scaling out adds additional database servers to an existing running cluster to handle more concurrent queries.
- D. Snowflake recommends using both scaling up and scaling out to handle more concurrent queries.
- E. Scaling up resizes a virtual warehouse so it can handle more complex workloads.
- F. Scaling up adds additional database servers to an existing running cluster to handle larger workloads.

Answer: AE

NEW QUESTION 269

- (Exam Topic 3)

What is the minimum Snowflake edition required to use Dynamic Data Masking?

- A. Standard
- B. Enterprise
- C. Business Critical
- D. Virtual Private Snowflake (VPC)

Answer: D

NEW QUESTION 270

- (Exam Topic 3)

What affects whether the query results cache can be used?

- A. If the query contains a deterministic function
- B. If the virtual warehouse has been suspended
- C. If the referenced data in the table has changed
- D. If multiple users are using the same virtual warehouse

Answer: B

NEW QUESTION 271

- (Exam Topic 3)

In an auto-scaling multi-cluster virtual warehouse with the setting SCALING_POLICY = ECONOMY enabled, when is another cluster started?

- A. When the system has enough load for 2 minutes
- B. When the system has enough load for 6 minutes
- C. When the system has enough load for 8 minutes
- D. When the system has enough load for 10 minutes

Answer: D

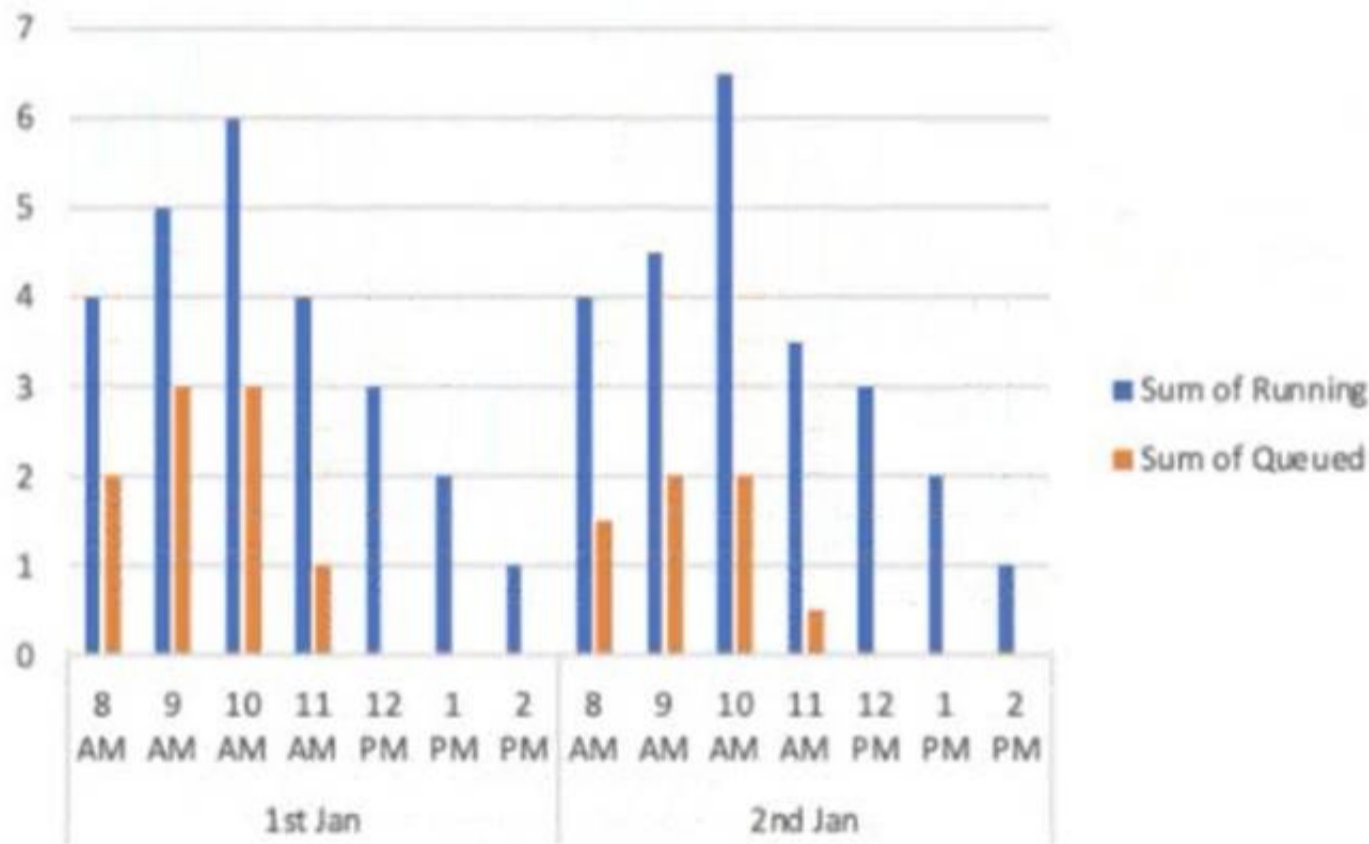
NEW QUESTION 273

- (Exam Topic 3)

A virtual warehouse is created using the following command:

```
Create warehouse my_WH with warehouse_size = MEDIUM min_cluster_count = 1
max_cluster_count = 1
auto_suspend = 60 auto_resume = true;
```

The image below is a graphical representation of the warehouse utilization across two days.



What action should be taken to address this situation?

- A. Increase the warehouse size from Medium to 2XL.
- B. Increase the value for the parameter MAX_CONCURRENCY_LEVEL.
- C. Configure the warehouse to a multi-cluster warehouse.
- D. Lower the value of the parameter STATEMENT_QUEUED_TIMEOUT_IN_SECONDS.

Answer: B

NEW QUESTION 277

- (Exam Topic 3)

A user created a transient table and made several changes to it over the course of several days. Three days after the table was created, the user would like to go back to the first version of the table.

How can this be accomplished?

- A. Use Time Travel, as long as DATA_RETENTION_TIME_IN_DAYS was set to at least 3 days.
- B. The transient table version cannot be retrieved after 24 hours.
- C. Contact Snowflake Support to have the data retrieved from Fail-safe storage.
- D. Use the FAIL_SAFE parameter for Time Travel to retrieve the data from Fail-safe storage.

Answer: B

NEW QUESTION 279

- (Exam Topic 3)

What internal stages are available in Snowflake? (Choose three.)

- A. Schema stage
- B. Named stage
- C. User stage
- D. Stream stage
- E. Table stage
- F. Database stage

Answer: ABE

NEW QUESTION 282

- (Exam Topic 3)

In the Snowflake access control model, which entity owns an object by default?

- A. The user who created the object
- B. The SYSADMIN role
- C. Ownership depends on the type of object
- D. The role used to create the object

Answer: D

NEW QUESTION 286

- (Exam Topic 3)

What are advantages clones have over tables created with CREATE TABLE AS SELECT statement? (Choose two.)

- A. The clone always stays in sync with the original table.
- B. The clone has better query performance.
- C. The clone is created almost instantly.
- D. The clone will have time travel history from the original table.
- E. The clone saves space by not duplicating storage.

Answer: CE

NEW QUESTION 288

- (Exam Topic 3)

Which database objects can be shared with the Snowflake secure data sharing feature? (Choose two.)

- A. Files
- B. External tables
- C. Secure User-Defined Functions (UDFs)
- D. Sequences
- E. Streams

Answer: BC

NEW QUESTION 289

- (Exam Topic 3)

Which command sets the Virtual Warehouse for a session?

- A. COPY WAREHOUSE FROM <<config file>>;
- B. SET WAREHOUSE = <<warehouse name>>;
- C. USE WAREHOUSE <<warehouse name>>;
- D. USE VIRTUAL_WAREHOUSE <<warehouse name>>;

Answer: C

Explanation:

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

NEW QUESTION 293

- (Exam Topic 3)

What is the maximum total Continuous Data Protection (CDP) charges incurred for a temporary table?

- A. 30 days
- B. 7 days
- C. 48 hours
- D. 24 hours

Answer: D

NEW QUESTION 297

- (Exam Topic 3)

Which columns are part of the result set of the Snowflake LATERAL FLATTEN command? (Choose two.)

- A. CONTENT
- B. PATH
- C. BYTE_SIZE
- D. INDEX
- E. DATATYPE

Answer: BC

NEW QUESTION 299

- (Exam Topic 3)

What are the correct parameters for time travel and fail-safe in the Snowflake Enterprise Edition?

- A. Default Time Travel Retention is set to 0 days. Maximum Time Travel Retention is 30 day
- B. Fail Safe retention time is 1 day.
- C. Default Time Travel Retention is set to 1 day. Maximum Time Travel Retention is 365 day
- D. Fail Safe retention time is 7 days.
- E. Default Time Travel Retention is set to 0 days. Maximum Time Travel Retention is 90 day
- F. Fail Safe retention time is 7 days.
- G. Default Time Travel Retention is set to 1 day. Maximum Time Travel Retention is 90 day
- H. Fail Safe retention time is 7 days.
- I. Default Time Travel Retention is set to 7 days. Maximum Time Travel Retention is 1 da
- J. Fail Safe retention time is 90 days.
- K. Default Time Travel Retention is set to 90 days. Maximum Time Travel Retention is 7 day
- L. Fail Safe retention time is 356 days.

Answer: D

NEW QUESTION 302

- (Exam Topic 3)

What is the minimum Snowflake edition required for row level security?

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

Answer: B

NEW QUESTION 305

- (Exam Topic 3)

Which of the following objects are contained within a schema? (Choose two.)

- A. Role
- B. Stream
- C. Warehouse
- D. External table
- E. User
- F. Share

Answer: CD

NEW QUESTION 307

- (Exam Topic 3)

What is the SNOWFLAKE.ACCOUNT_USAGE view that contains information about which objects were read by queries within the last 365 days (1 year)?

- A. VIEWS_HISTORY
- B. OBJECT_HISTORY
- C. ACCESS_HISTORY
- D. LOGIN_HISTORY

Answer: C

NEW QUESTION 309

- (Exam Topic 3)

Which of the following statements apply to Snowflake in terms of security? (Choose two.)

- A. Snowflake leverages a Role-Based Access Control (RBAC) model.
- B. Snowflake requires a user to configure an IAM user to connect to the database.
- C. All data in Snowflake is encrypted.
- D. Snowflake can run within a user's own Virtual Private Cloud (VPC).
- E. All data in Snowflake is compressed.

Answer: AD

NEW QUESTION 312

- (Exam Topic 3)

Which statements are correct concerning the leveraging of third-party data from the Snowflake Data Marketplace? (Choose two.)

- A. Data is live, ready-to-query, and can be personalized.
- B. Data needs to be loaded into a cloud provider as a consumer account.
- C. Data is not available for copying or moving to an individual Snowflake account.
- D. Data is available without copying or moving.
- E. Data transformations are required when combining Data Marketplace datasets with existing data in Snowflake.

Answer: AD

NEW QUESTION 314

- (Exam Topic 3)

Which of the following describes the Snowflake Cloud Services layer?

- A. Coordinates activities in the Snowflake account
- B. Executes queries submitted by the Snowflake account users
- C. Manages quotas on the Snowflake account storage
- D. Manages the virtual warehouse cache to speed up queries

Answer: A

NEW QUESTION 317

- (Exam Topic 3)

Which of the following features are available with the Snowflake Enterprise edition? (Choose two.)

- A. Database replication and failover
- B. Automated index management
- C. Customer managed keys (Tri-secret secure)
- D. Extended time travel
- E. Native support for geospatial data

Answer: AD

NEW QUESTION 322

- (Exam Topic 3)

Which of the following describes a Snowflake stored procedure?

- A. They can be created as secure and hide the underlying metadata from the user.
- B. They can only access tables from a single database.
- C. They can contain only a single SQL statement.
- D. They can be created to run with a caller's rights or an owner's rights.

Answer: A

Explanation:

Reference: <https://docs.snowflake.com/en/sql-reference/stored-procedures-overview.html>

NEW QUESTION 326

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