1) Snowflake provides a mechanism for its customers to override its natural clustering algorithms. This method is:

- A. Micro-partitions
- **B. Clustering keys** Most Voted
- C. Key partitions
- D. Clustered partitions

Which of the following are valid Snowflake Virtual Warehouse Scaling Policies? (Choose two.)

- A. Custom
- B. Economy
- C. Optimized
- D. Standard

Correct Answer: *BD*

Which of the following roles is recommended to be used to create and manage users and roles?

- A. SYSADMIN
- B. SECURITYADMIN Most Voted
- C. PUBLIC
- D. ACCOUNTADMIN

Correct Answer: *D*

True or False: Bulk unloading of data from Snowflake supports the use of a SELECT statement.

- A. True Most Voted
- B. False

Correct Answer: *A*

Question #6*Topic 1*

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

- A. Named Stage **Most Voted**
- B. User Stage **Most Voted**
- C. Table Stage **Most Voted**
- D. Schema Stage

Correct Answer: *ABC*

True or False: A customer using SnowSQL / native connectors will be unable to also use the Snowflake Web Interface (UI) unless access to the UI is explicitly granted by support.

- A. True
- B. False **Most Voted**

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 & Usage section **Most Voted**
- C. The Information Schema -> ACCOUNT_USAGE_HISTORY View
- D. The Account Usage Schema -> ACCOUNT_USAGE_METRICS View

Credit Consumption by the Compute Layer (Virtual Warehouses) is based on: (Choose two.)

- A. Number of users
- B. Warehouse size **Most Voted**
- C. Amount of data processed
- D. # of clusters for the Warehouse **Most Voted**

Which statement best describes `clustering`?

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

True or False: The COPY command must specify a File Format in order to execute.

- A. True
- B. False **Most Voted**

Which of the following commands sets the Virtual Warehouse for a session?

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

Which of the following objects can be cloned? (Choose four.)

- A. Tables **Most Voted**
- B. Named File Formats **Most Voted**
- C. Schemas **Most Voted**
- D. Shares
- E. Databases **Most Voted**
- F. Users

Which object allows you to limit the number of credits consumed within a Snowflake account?

- A. Account Usage Tracking
- B. Resource Monitor
- C. Warehouse Limit Parameter
- D. Credit Consumption Tracker

Snowflake is designed for which type of workloads? (Choose two.)

- A. OLAP (Analytics) workloads **Most Voted**
- B. OLTP (Transactional) workloads
- C. Concurrent workloads **Most Voted**
- D. On-premise workloads

What are the three layers that make up Snowflake's architecture? (Choose three.)

- A. Compute **Most Voted**
- B. Tri-Secret Secure
- C. Storage **Most Voted**
- D. Cloud Services **Most Voted**

Why would a customer size a Virtual Warehouse from an X-Small to a Medium?

- A. To accommodate more queries
- B. To accommodate more users
- C. To accommodate fluctuations in workload
- D. To accommodate a more complex workload **Most Voted**

Which of the following connectors allow Multi-Factor Authentication (MFA) authorization when connecting? (Choose all that apply.)

- A. JDBC **Most Voted**
- B. SnowSQL **Most Voted**
- C. Snowflake Web Interface (UI) **Most Voted**
- D. ODBC **Most Voted**
- E. Python **Most Voted**

Question #20_Topic 1_

True or False: Snowflake charges a premium for storing semi-structured data.

- A. True
- B. False **Most Voted**

Which of the following statements describes a benefit of Snowflake's separation of compute and storage? (Choose all that apply.)

- A. Growth of storage and compute are tightly coupled together
- B. Storage expands without the requirement to add more compute **Most Voted**
- C. Compute can be scaled up or down without the requirement to add more storage **Most Voted**
- D. Multiple compute clusters can access stored data without contention **Most Voted**

In which layer of its architecture does Snowflake store its metadata statistics?

- A. Storage Layer
- B. Compute Layer
- C. Database Layer
- D. Cloud Services Layer

In which layer of its architecture does Snowflake store its metadata statistics?

- A. Storage Layer
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- C. Database Layer
- D. Cloud Services Layer

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 Most Voted
- B. False Most Voted

Which of the following statements are true of Virtual Warehouses? (Choose all that apply.)

- A. Customers can change the size of the Warehouse after creation Most Voted
- B. A Warehouse can be resized while running Most Voted
- C. A Warehouse can be configured to suspend after a period of inactivity
- D. A Warehouse can be configured to auto-resume when new queries are submitted

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 Most Voted
- D. Automatically encrypts files Most Voted

Which type of table corresponds to a single Snowflake session?

- A. Temporary Most Voted
- B. Transient
- C. Provisional
- D. Permanent

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- A. Temporary Most Voted
- B. Transient
- C. Provisional
- D. Permanent

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 **Most Voted**

When a Pipe is recreated using the CREATE OR REPLACE PIPE command:

- A. The Pipe load history is reset to empty **Most Voted**
- B. The REFRESH parameter is set to TRUE
- C. Previously loaded files will be ignored
- D. All of the above

What is the minimum Snowflake edition that customers planning on storing protected information in Snowflake should consider for regulatory compliance?

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

Select the three types of tables that exist within Snowflake. (Choose three.)

- A. Temporary **Most Voted**
- B. Transient **Most Voted**
- C. Provisional
- D. Permanent **Most Voted**

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 **Most Voted**
- B. False **Most Voted**

True or False: Snowpipe via REST API can only reference External Stages as source.

- A. True
- B. False <mark>Most Voted</mark>

35) True or False: It is possible to load data into Snowflake without creating a named File Format object.

- A. True <mark>Most Voted</mark>
- B. False

Question #36 *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 <mark>Most Voted</mark>

Question #37 *Topic 1*

Which of the following statements are true of Snowflake data loading? (Choose three.)

- A. VARIANT ג€nullג€ values are not the same as SQL NULL values <mark>Most Voted</mark>
- B. It is recommended to do frequent, single row DMLs
- C. It is recommended to validate the data before loading into the Snowflake target table <mark>Most Voted</mark>
- D. It is recommended to use staging tables to manage MERGE statements <mark>Most Voted</mark>

Hide Solution

Question #38 *Topic 1*

Which statements are true of micro-partitions? (Choose two.)

- A. They are approximately 16MB in size <mark>Most Voted</mark>
- B. They are stored compressed only if COMPRESS=TRUE on Table
- C. They are immutable <mark>Most Voted</mark>
- D. They are only encrypted in the Enterprise edition and above

Question #39 *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 <mark>Most Voted</mark>

- B. False **Most Voted**

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

- 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 previous 24 hour period **Most Voted**
- 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 €24λ hourλ€ timer on the precomputed results gets renewed every time the exact query is executed

Increasing the maximum number of clusters in a Multi-Cluster Warehouse is an example of:

- A. Scaling rhythmically
- B. Scaling max
- C. Scaling out **Most Voted**
- D. Scaling up

Which statement best describes Snowflake tables?

- A. Snowflake tables are logical representations of underlying physical data **Most Voted**
- B. Snowflake tables are the physical instantiation of data loaded into Snowflake
- C. Snowflake tables require that clustering keys be defined to perform optimally
- D. Snowflake tables are owned by a user

Which item in the Data Warehouse migration process does not apply in Snowflake?

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

Snowflake provides two mechanisms to reduce data storage costs for short-lived tables. These mechanisms are: (Choose two.)

- A. Temporary Tables *Most Voted*
- B. Transient Tables *Most Voted*
- C. Provisional Tables
- D. Permanent Tables

What is the maximum compressed row size in Snowflake?

- A. 8KB
- B. 16MB
- C. 50MB
- D. 4000GB

Which of the following are main sections of the top navigation of the Snowflake Web Interface (UI)? (Choose three.)

- A. Databases *Most Voted*
- B. Tables
- C. Warehouses *Most Voted*
- D. Worksheets *Most Voted*

What is the recommended Snowflake data type to store semi-structured data like JSON?

- A. VARCHAR
- B. RAW
- C. LOB
- D. VARIANT

Which of the following statements are true of Snowflake releases: (Choose two.)

- A. They happen approximately weekly *Most Voted*
- B. They roll up and release approximately monthly, but customers can request early release application
- C. During a release, new customer requests/queries/connections transparently move over to the newer version *Most Voted*
- D. A customer is assigned a 30 minute window (that can be moved anytime within a week) during which the system will be unavailable and customer is upgraded

Which of the following are common use cases for zero-copy cloning? (Choose three.)

- A. Quick provisioning of Dev and Test/QA environments **Most Voted**
- B. Data backups **Most Voted**
- C. Point in time snapshots **Most Voted**
- D. Performance optimization

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

- A. 4 **Most Voted**
- B. 16
- C. 32
- D. 128

True or False: When a 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

Which is true of Snowflake network policies? A Snowflake network policy: (Choose two.)

- A. Is available to all Snowflake Editions **Most Voted**
- B. Is only available to customers with Business Critical Edition
- C. Restricts or enables access to specific IP addresses **Most Voted**
- D. Is activated using an ג€ALTER DATABASEג€ command

True or False: Snowflake charges additional fees to Data Providers for each Share they create.

- A. True
- B. False **Most Voted**

Query results are stored in the Result Cache for how long after they are last accessed, assuming no data changes have occurred?

- A. 1 Hour
- B. 3 Hours
- C. 12 hours

- D. 24 hours

Question #55*Topic 1*

A role is created and owns 2 tables. This role is then dropped. Who will now own the two tables?

- A. The tables are now orphaned
- B. The user that deleted the role
- C. SYSADMIN
- D. The assumed role that dropped the role **Most Voted**

Question #56*Topic 1*

Which of the following connectors are available in the Downloads section of the Snowflake Web Interface (UI)? (Choose two.)

- A. SnowSQL
- B. ODBC
- C. R
- D. HIVE

Question #57*Topic 1*

Which of the following DML commands isn't supported by Snowflake?

- A. UPSERT **Most Voted**
- B. MERGE
- C. UPDATE
- D. TRUNCATE TABLE

A (100%)

Question #58*Topic 1*

Which of the following statements is true of zero-copy cloning?

- A. Zero-copy clones increase storage costs as cloning the table requires storing its data twice
- B. All zero-copy clone objects inherit the privileges of their original objects
- C. Zero-copy cloning is licensed as an additional Snowflake feature
- D. At the instance/instant a clone is created, all micro-partitions in the original table and the clone are fully shared

Question #59*Topic 1*

True or False: When a user creates a role, they are initially assigned ownership of the role and they maintain ownership until it is transferred to another user.

- A. True

- B. False **Most Voted**

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

- A. 60 minutes
- B. 24 hours
- C. 14 days **Most Voted**
- D. 30 days
- E. 1 year

To run a Multi-Cluster Warehouse in auto-scale mode, a user would:

- A. Configure the Maximum Clusters setting to ג€Auto-Scaleג€
- B. Set the Warehouse type to ג€Autoג€
- C. Set the Minimum Clusters and Maximum Clusters settings to the same value
- D. Set the Minimum Clusters and Maximum Clusters settings to the different values **Most Voted**

Which of the following terms best describes Snowflake's database architecture?

- A. Columnar shared nothing
- B. Shared disk
- C. Multi-cluster, shared data **Most Voted**
- D. Cloud-native shared memory

Which of the following are options when creating a Virtual Warehouse? (Choose two.)

- A. Auto-drop
- B. Auto-resize
- C. Auto-resume **Most Voted**
- D. Auto-suspend **Most Voted**

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

- A. The primary cluster in the Virtual Warehouse
- B. The entire Virtual Warehouse **Most Voted**
- C. The database the Virtual Warehouse resides in
- D. The queries currently being run by the Virtual Warehouse

Fail-safe is unavailable on which table types? (Choose two.)

- A. Temporary **Most Voted**
- B. Transient **Most Voted**
- C. Provisional
- D. Permanent

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

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

True or False: Micro-partition metadata enables some operations to be completed without requiring Compute.

- A. True
- B. False

Which of the following commands are not blocking operations? (Choose two.)

- A. UPDATE
- B. INSERT
- C. MERGE
- D. COPY

Which of the following is true of Snowpipe via REST API? (Choose two.)

- A. You can only use it on Internal Stages
- B. All COPY INTO options are available during pipe creation
- C. Snowflake automatically manages the compute required to execute the Pipe's COPY INTO commands **Most Voted**
- D. Snowpipe keeps track of which files it has loaded **Most Voted**

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

- A. SECURITYADMIN, ACCOUNTADMIN, PUBLIC, SYSADMIN
- B. SECURITYADMIN, ACCOUNTADMIN, SYSADMIN
- C. SECURITYADMIN, ACCOUNTADMIN
- D. ACCOUNTADMIN **Most Voted**

Question #71 *Topic 1*

When can a Virtual Warehouse start running queries?

- A. 12am-5am
- B. Only during administrator defined time slots
- C. When its provisioning is complete **Most Voted**
- D. After replication

Question #72 *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

Question #73 *Topic 1*

True or False: The user has to specify which cluster a query will run on in a multi-cluster Warehouse.

- A. True
- B. False **Most Voted**

Question #73 *Topic 1*

True or False: The user has to specify which cluster a query will run on in a multi-cluster Warehouse.

- A. True
- B. False **Most Voted**

Question #75 *Topic 1*

Which of the following languages can be used to implement Snowflake User Defined Functions (UDFs)? (Choose two.)

- A. Java
- B. Javascript
- C. SQL
- D. Python

Hide Solution   Discussion **20**

Question #76 *Topic 1*

When should you consider disabling auto-suspend for a Virtual Warehouse? (Choose two.)

- A. When users will be using compute at different times throughout a 24/7 period
- B. When managing a steady workload **Most Voted**
- C. When the compute must be available with no delay or lag time **Most Voted**
- D. When you do not want to have to manually turn on the Warehouse each time a user needs it

Question #77 *Topic 1*

Which of the following are valid approaches to loading data into a Snowflake table? (Choose all that apply.)

- A. Bulk copy from an External Stage
- B. Continuous load using Snowpipe REST API
- C. The Snowflake Web Interface (UI) data loading wizard
- D. Bulk copy from an Internal Stage

Hide Solution   Discussion   **21**

Question #78 *Topic 1*

If auto-suspend is enabled for a Virtual Warehouse, the Warehouse is automatically suspended when:

- A. All Snowflakes sessions using the Warehouse are terminated.
- B. The last query using the Warehouse completes.
- C. There are no users logged into Snowflake.
- D. The Warehouse is inactive for a specified period of time. **Most Voted**

Question #79 *Topic 1*

True or False: Multi-Factor Authentication (MFA) in Snowflake is only supported in conjunction with Single Sign-On (SSO).

- A. True
- B. False **Most Voted**

Question #80 *Topic 1*

The number of queries that a Virtual Warehouse can concurrently process is determined by (Choose two.):

- A. The complexity of each query **Most Voted**
- B. The CONCURRENT_QUERY_LIMIT parameter set on the Snowflake account
- C. The size of the data required for each query **Most Voted**
- D. The tool that is executing the query

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

- A. The VALIDATION_MODE option is used when creating an Internal Stage
- B. VALIDATION_MODE=RETURN_ALL_ERRORS is a parameter of the COPY command **Most Voted**
- C. The VALIDATION_MODE option will validate data to be loaded by the COPY statement while completing the load and will return the rows that could not be loaded without error
- D. The VALIDATION_MODE option will validate data to be loaded by the COPY statement without completing the load and will return possible errors **Most Voted**

What privileges are required to create a task?

- A. The GLOBAL privilege CREATE TASK is required to create a new task.
- B. Tasks are created at the Application level and can only be created by the Account Admin role.
- C. Many Snowflake DDLs are metadata operations only, and CREATE TASK DDL can be executed without virtual warehouse requirement or task specific grants.
- D. The role must have access to the target schema and the CREATE TASK privilege on the schema itself. **Most Voted**

What are the three things customer want most from their enterprise data warehouse solution? (Choose three.)

- A. On-premise availability
- B. Simplicity **Most Voted**
- C. Open source based
- D. Concurrency **Most Voted**
- E. Performance **Most Voted**

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

- A. True **Most Voted**
- B. False

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

- A. Concurrency
- B. Performance

What is the minimum Snowflake edition that provides data sharing?

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

True or False: Each worksheet in the Snowflake Web Interface (UI) can be associated with different roles, databases, schemas, and Virtual Warehouses.

- A. True **Most Voted**
- B. False

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

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

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

- A. True <mark>Most Voted</mark>
- B. False

True or False: AWS Private Link provides a secure connection from the Customer's on-premise data center to the Snowflake.

- A. True
- B. False <mark>Most Voted</mark>

True or False: Snowflake's Global Services Layer gathers and maintains statistics on all columns in all micro-partitions.

- A. True <mark>Most Voted</mark>
- B. False

True or False: It is best practice to define a clustering key on every table.

- A. True
- B. False

Which of the following statements is true of Snowflake?

- A. It was built specifically for the cloud
- B. It was built as an on-premises solution and then ported to the cloud
- C. It was designed as a hybrid database to allow customers to store data either on premises or in the cloud
- D. It was built for Hadoop architecture
- E. It's based on an Oracle Architecture

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

How many shares can be consumed by a single Data Consumer?

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

What is the lowest Snowflake edition that offers Time Travel up to 90 days?

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

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 **Most Voted**
- C. A Schema is a logical grouping of Database Objects **Most Voted**
- D. Each Schema is contained within a Warehouse

True or False: You can resize a Virtual Warehouse while queries are running.

- A. True **Most Voted**
- B. False

What is the most granular object that the Time Travel retention period can be defined on?

- A. Account
- B. Database
- C. Schema
- D. Table **Most Voted**

Which of the following statements is true of Snowflake micro-partitioning?

- A. Micro-partitioning has been known to introduce data skew
- B. Micro-partitioning: requires a partitioning schema to be defined up front
- C. Micro-partitioning is transparently completed using the ordering that occurs when the data is inserted/loaded
- D. Micro-partitioning can be disabled within a Snowflake account

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- D. Micro-partitioning can be disabled within a Snowflake account

Question #103*Topic 1*

When scaling up Virtual Warehouses by increasing Virtual Warehouse t-shirt size, you are primarily scaling for improved:

- A. Concurrency
- B. Performance **Most Voted**

Question #104*Topic 1*

As a best practice, clustering keys should only be defined on tables of which minimum size?

- A. Multi-Kilobyte (KB) Range
- B. Multi-Megabyte (MB) Range
- C. Multi-Gigabyte (GB) Range
- D. Multi-Terabyte (TB) Range

Question #105*Topic 1*

How a Snowpipe charges calculated?

- A. Per-second/per Warehouse size
- B. Per-second/per-core granularity **Most Voted**
- C. Number of Pipes in account
- D. Total storage bucket size

Question #106*Topic 1*

True or False: A Snowflake account is charged for data stored in both Internal and External Stages.

- A. True
- B. False **Most Voted**

- A. True
- B. False **Most Voted**

Question #108 *Topic 1*

True or False: Snowflake supports federated authentication in all editions.

- A. True **Most Voted**
- B. False

Question #109 *Topic 1*

True or False: When a new Snowflake object is created, it is automatically owned by the user who created it.

- A. True
- B. False **Most Voted**

Question #110 *Topic 1*

True or False: A Virtual Warehouse consumes Snowflake credits even when inactive.

- A. True
- B. False **Most Voted**

Question #111 *Topic 1*

True or False: During data unloading, only JSON and CSV files can be compressed.

- A. True
- B. False **Most Voted**

Question #112 *Topic 1*

Which of the following are options when creating a Virtual Warehouse? (Choose two.)

- A. Auto-suspend
- B. Auto-resume
- C. Local SSD size
- D. User count

Question #113 *Topic 1*

Which formats are supported for unloading data from Snowflake? (Choose two.)

- A. Delimited (CSV, TSV, etc.) **Most Voted**
- B. Avro
- C. JSON **Most Voted**
- D. ORC

Question #114 *Topic 1*

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

- A. True
- B. False **Most Voted**

Question #115 *Topic 1*

The fail-safe retention period is how many days?

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

Question #116 *Topic 1*

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

- A. True **Most Voted**
- B. False

Question #117 *Topic 1*

What services does Snowflake automatically provide for customers that they may have been responsible for with their on-premise system? (Choose all that apply.)

- A. Installing and configuring hardware **Most Voted**
- B. Patching software **Most Voted**
- C. Physical security
- D. Maintaining metadata and statistics **Most Voted**

Question #118 *Topic 1*

Which of the following statements would be used to export/unload data from Snowflake?

- A. COPY INTO @stage
- B. EXPORT TO @stage
- C. INSERT INTO @stage
- D. EXPORT_TO_STAGE(stage => @stage, select => 'select * from t1');

Question #119 *Topic 1*

True or False: A 4X-Large Warehouse may, at times, take longer to provision than a X-Small Warehouse.

- A. True **Most Voted**
- B. False

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

- A. Root task may be executed concurrently (i.e. multiple instances), it is recommended to leave some margins in the execution window to avoid missing instances of execution
- B. Querying (SELECT) the size of the stream content would help determine the warehouse size. For example, if querying large stream content, use a larger warehouse size
- C. 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
- D. 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

The Information Schema and Account Usage Share provide storage information for which of the following objects? (Choose three.)

- A. Users
- B. Tables **Most Voted**
- C. Databases **Most Voted**
- D. Internal Stages **Most Voted**

What is the default File Format used in the COPY command if one is not specified?

- A. CSV
- B. JSON
- C. Parquet
- D. XML

True or False: Reader Accounts are able to extract data from shared data objects for use outside of Snowflake.

- A. True **Most Voted**
- B. False **Most Voted**

Correct Answer: *A* 🗳

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

- A. True **Most Voted**
- B. False

True or False: Snowflake enforces unique, primary key, and foreign key constraints during DML operations.

- A. True
- **B. False**

Question #127*Topic 1*
True or False: A Virtual Warehouse can be resized while suspended.

- A. True
- B. False

Question #128*Topic 1*
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** Most Voted

Question #129*Topic 1*
Which of the following accurately represents how a table fits into Snowflake's logical container hierarchy?

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

Question #130*Topic 1*
True or False: All Snowflake table types include fail-safe storage.

- A. True
- **B. False** Most Voted

Topic 1

What are two ways to create and manage Data Shares in Snowflake? (Choose two.)

- A. Via the Snowflake Web Interface (UI)
- B. Via the DATA_SHARE=TRUE parameter
- C. Via SQL commands
- D. Via Virtual Warehouses

Topic 1

True or False: It is possible for a user to run a query against the query result cache without requiring an active Warehouse.

- A. True **Most Voted**
- B. False

Topic 1

True or False: When Snowflake is configured to use Single Sign-On (SSO), Snowflake receives the usernames and credentials from the SSO service and loads them into the customer's Snowflake account.

- A. True
- B. False **Most Voted**

Topic 1

Which of the following are best practices for loading data into Snowflake? (Choose three.)

- A. Aim to produce data files that are between 100 MB and 250 MB in size, compressed. **Most Voted**
- B. Load data from files in a cloud storage service in a different region or cloud platform from the service or region containing the Snowflake account, to save on cost.
- C. Enclose fields that contain delimiter characters in single or double quotes. **Most Voted**
- D. Split large files into a greater number of smaller files to distribute the load among the compute resources in an active warehouse. **Most Voted**
- E. When planning which warehouse(s) to use for data loading, start with the largest warehouse possible.
- F. Partition the staged data into large folders with random paths, allowing Snowflake to determine the best way to load each file.

Topic 1

Which Snowflake feature is used for both querying and restoring data?

- A. Cluster keys

- B. Time Travel
- C. Fail-safe
- D. Cloning

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.

What is the minimum Snowflake edition that has column-level security enabled?

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

What parameter controls if the Virtual Warehouse starts immediately after the CREATE WAREHOUSE statement?

- A. INITIALLY_SUSPENDED = TRUE/FALSE
- B. START_AFTER_CREATE = TRUE/FALSE
- C. START_THE = 60 // (seconds from now)
- D. START_TIME = CURRENT_DATE()

When cloning a database, what is cloned with the database? (Choose two.)

- A. Privileges on the database
- B. Existing child objects within the database Most Voted
- C. Future child objects within the database
- D. Privileges on the schemas within the database Most Voted
- E. Only schemas and tables within the database

Which of the following describes the Snowflake Cloud Services layer?

- A. Coordinates activities in the Snowflake account **Most Voted**
- 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

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

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 **Most Voted**

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

What transformations are supported in a CREATE PIPE ... AS COPY `¦ FROM (`¦) statement? (Choose 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.

Which of the following are characteristics of Snowflake virtual warehouses? (Choose two.)

- A. Auto-resume applies only to the last warehouse that was started in a multi-cluster warehouse.
- B. The ability to auto-suspend a warehouse is only available in the Enterprise edition or above.
- C. SnowSQL supports both a configuration file and a command line option for specifying a default warehouse. **Most Voted**
- D. A user cannot specify a default warehouse when using the ODBC driver.
- E. The default virtual warehouse size can be changed at any time.

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

The Snowflake Cloud Data Platform is described as having which of the following architectures?

- A. Shared-disk
- B. Shared-nothing
- C. Multi-cluster shared data
- D. Serverless query engine

Which of the following is a data tokenization integration partner?

- A. Protegrity **Most Voted**
- B. Tableau
- C. DBeaver
- D. SAP

What versions of Snowflake should be used to manage compliance with Personal Identifiable Information (PII) requirements? (Choose two.)

- A. Custom Edition
- B. Virtual Private Snowflake **Most Voted**

- C. <mark>Business Critical Edition</mark> **Most Voted**
- D. Standard Edition
- E. Enterprise Edition

Topic 1

What are supported file formats for unloading data from Snowflake? (Choose three.)

- A. XML
- B. <mark>JSON</mark> **Most Voted**
- C. <mark>Parquet</mark> **Most Voted**
- D. ORC
- E. AVRO
- F. <mark>CSV</mark> **Most Voted**

Topic 1

The Snowflake cloud services layer is responsible for which tasks? (Choose two.)

- A. Local disk caching
- B. <mark>Authentication and access control</mark> **Most Voted**
- C. <mark>Metadata management</mark> **Most Voted**
- D. Query processing
- E. Database storage

Topic 1

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. <mark>Snowflake eliminates resource contention with its virtual warehouse implementation.</mark> **Most Voted**
- 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.

Topic 1

When publishing a Snowflake Data Marketplace listing into a remote region what should be taken into consideration? (Choose two.)

- A. There is no need to have a Snowflake account in the target region, a share will be created for each user.

- B. The listing is replicated into all selected regions automatically, the data is not. **Most Voted**
- C. The user must have the ORGADMIN role available in at least one account to link accounts for replication.
- D. Shares attached to listings in remote regions can be viewed from any account in an organization.
- E. For a standard listing the user can wait until the first customer requests the data before replicating it to the target region. **Most Voted**

Question #155 *Topic 1*

When loading data into Snowflake via Snowpipe what is the compressed file size recommendation?

- A. 10-50 MB
- B. 100-250 MB
- C. 300-500 MB
- D. 1000-1500 MB

Question #156 *Topic 1*

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)

Question #157 *Topic 1*

Which of the following are examples of operations that require a Virtual Warehouse to complete, assuming no queries have been executed previously? (Choose three.)

- A. MIN(<< column value >>)
- B. COPY
- C. SUM(<< column value >>)
- D. UPDATE

Question #158 *Topic 1*

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 **Most Voted**
- D. LOGIN_HISTORY

Which feature is only available in the Enterprise or higher editions of Snowflake?

- A. Column-level security
- B. SOC 2 type II certification
- C. Multi-factor Authentication (MFA)
- D. Object-level access control

Question #160*Topic 1*
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. **Most Voted**
- B. Yes, because the compute resource is replaced in its entirety with a new compute resource.
- C. No, because the size of the cache is independent from the warehouse size.
- D. Yes, because the new compute resource will no longer have access to the cache encryption key.

Question #160*Topic 1*
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. **Most Voted**
- B. Yes, because the compute resource is replaced in its entirety with a new compute resource.
- C. No, because the size of the cache is independent from the warehouse size.
- D. Yes, because the new compute resource will no longer have access to the cache encryption key.

Question #161*Topic 1*
Which semi-structured file formats are supported when unloading data from a table? (Choose two.)

- A. ORC
- B. XML
- C. Avro
- D. Parquet
- E. JSON

Question #162*Topic 1*
A running virtual warehouse is suspended.
What is the MINIMUM amount of time that the warehouse will incur charges for when it is restarted?

- A. 1 second
- B. 60 seconds
- C. 5 minutes
- D. 60 minutes

Question #163 *Topic 1*

What are the responsibilities of Snowflake's Cloud Service layer? (Choose three.)

- A. Authentication **Most Voted**
- B. Resource management **Most Voted**
- C. Virtual warehouse caching
- D. Query parsing and optimization **Most Voted**
- E. Query execution
- F. Physical storage of micro-partitions

Question #164 *Topic 1*

How long is the Fail-safe period for temporary and transient tables?

- A. There is no Fail-safe period for these tables.
- B. 1 day
- C. 7 days
- D. 31 days
- E. 90 days

Question #165 *Topic 1*

Which command should be used to download files from a Snowflake stage to a local folder on a client's machine?

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

Question #166 *Topic 1*

How does Snowflake Fail-safe protect data in a permanent table?

- A. Fail-safe makes data available up to 1 day, recoverable by user operations.
- B. Fail-safe makes data available for 7 days, recoverable by user operations.
- C. Fail-safe makes data available for 7 days, recoverable only by Snowflake Support.
- D. Fail-safe makes data available up to 1 day, recoverable only by Snowflake Support.

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. **Most Voted**
- D. Lower the value of the parameter STATEMENT_QUEUED_TIMEOUT_IN_SECONDS.

Which semi-structured file formats are supported when unloading data from a table? (Choose two.)

- A. ORC
- B. XML
- C. Avro
- D. Parquet
- E. JSON

A running virtual warehouse is suspended.
What is the MINIMUM amount of time that the warehouse will incur charges for when it is restarted?

- A. 1 second
- **B. 60 seconds**
- C. 5 minutes
- D. 60 minutes

What are the responsibilities of Snowflake's Cloud Service layer? (Choose three.)

- A. Authentication **Most Voted**
- B. Resource management **Most Voted**
- C. Virtual warehouse caching
- D. Query parsing and optimization **Most Voted**
- E. Query execution
- F. Physical storage of micro-partitions

How long is the Fail-safe period for temporary and transient tables?

- A. There is no Fail-safe period for these tables.
- B. 1 day
- C. 7 days
- D. 31 days
- E. 90 days

Which command should be used to download files from a Snowflake stage to a local folder on a client's machine?

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

Hide Solution

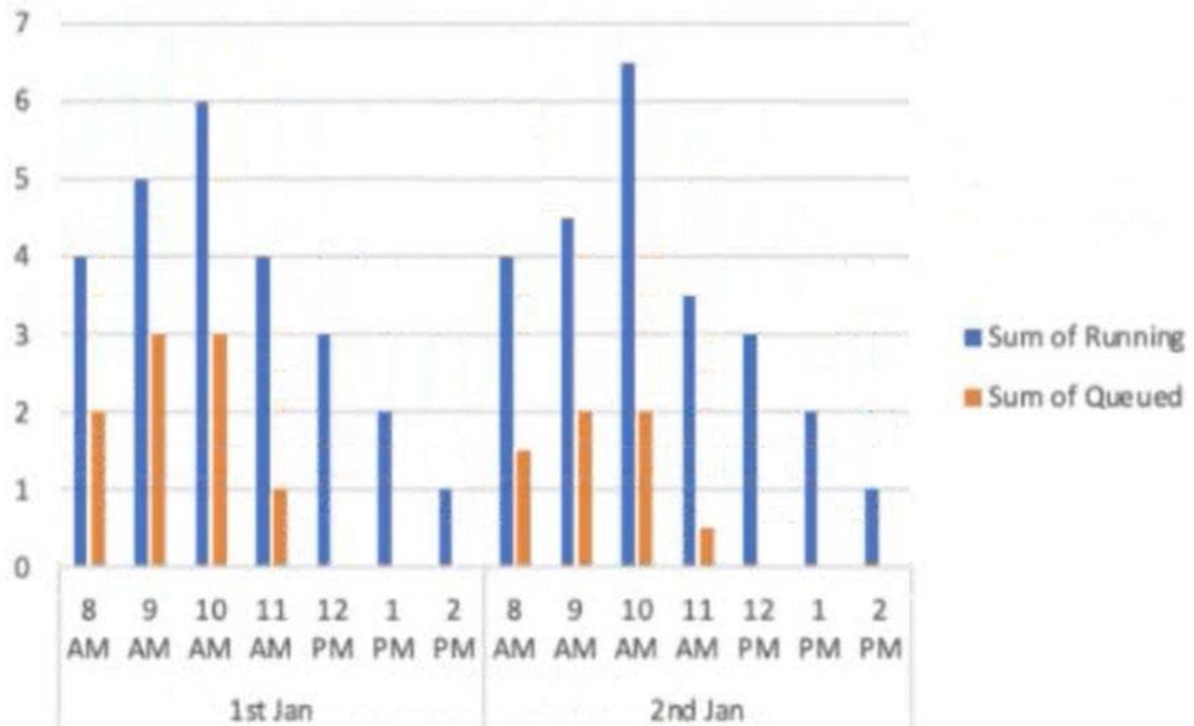How does Snowflake Fail-safe protect data in a permanent table?

- A. Fail-safe makes data available up to 1 day, recoverable by user operations.
- B. Fail-safe makes data available for 7 days, recoverable by user operations.

- C. Fail-safe makes data available for 7 days, recoverable only by Snowflake Support.
- D. Fail-safe makes data available up to 1 day, recoverable only by Snowflake Support.

Question #167*Topic 1*

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.
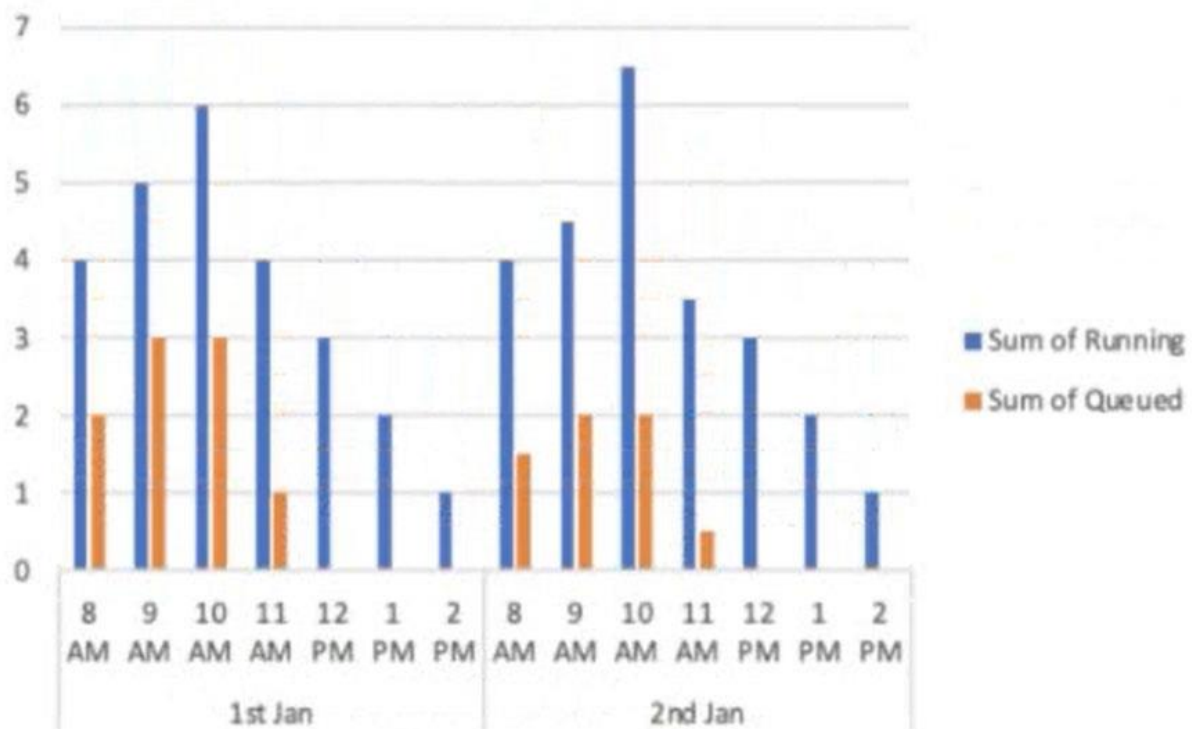
What action should be taken to address this situation?

- 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. **Most Voted**
- D. Lower the value of the parameter STATEMENT_QUEUED_TIMEOUT_IN_SECONDS.

Hide Solution

Question #168*Topic 1*

Which minimum Snowflake edition allows for a dedicated metadata store?

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

Network policies can be set at which Snowflake levels? (Choose two.)

- A. Role
- B. Schema
- C. User Most Voted
- D. Database
- E. Account Most Voted
- F. Tables

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

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

Which of the following statements describe features of Snowflake data caching? (Choose two.)

- A. When a virtual warehouse is suspended, the data cache is saved on the remote storage layer.
- B. When the data cache is full, the least-recently used data will be cleared to make room. Most Voted
- C. A user can only access their own queries from the query result cache.
- D. A user must set USE_METADATA_CACHE to TRUE to use the metadata cache in queries.
- E. The RESULT_SCAN table function can access and filter the contents of the query result cache. Most Voted

What is a feature of a stored procedure in Snowflake?

- A. They can be created as secure and hide the underlying metadata from all users.
- B. They can access tables from a single database.
- C. They can only contain a single SQL statement.

- D. They can be created to run with a caller's rights or an owner's rights. **Most Voted**

`Question #175*Topic 1*

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

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

Question #176*Topic 1*

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

Question #177*Topic 1*

Which Snowflake function will interpret an input string as a JSON document, and produce a VARIANT value?

- A. parse_json() **Most Voted**
- B. json_extract_path_text()
- C. object_construct()
- D. flatten

Question #178*Topic 1*

How are serverless features billed?

- A. Per second multiplied by an automatic sizing for the job **Most Voted**
- 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

Question #179*Topic 1*

Which Snowflake architectural layer is responsible for a query execution plan?

- A. Compute

- B. Data storage
- C. Cloud services **Most Voted**
- D. Cloud provider

Topic 1

When unloading to a stage, which of the following is a recommended practice or approach?

- A. Set SINGLE = TRUE for larger files.
- B. Use OBJECT_CONSTRUCT(*) when using Parquet.
- C. Avoid the use of the CAST function.
- D. Define an individual file format. **Most Voted**

Question #181*Topic 1*

Which SQL commands, when committed, will consume a stream and advance the stream offset? (Choose two.)

- A. UPDATE TABLE FROM STREAM **Most Voted**
- B. SELECT FROM STREAM
- C. INSERT INTO TABLE SELECT FROM STREAM **Most Voted**
- D. ALTER TABLE AS SELECT FROM STREAM
- E. BEGIN COMMIT

Question #183*Topic 1*

On which of the following cloud platforms can a Snowflake account be hosted? (Choose three.)

- A. Amazon Web Services
- B. Private Virtual Cloud
- C. Oracle Cloud
- D. Microsoft Azure Cloud
- E. Google Cloud Platform
- F. Alibaba Cloud

Question #184*Topic 1*

What Snowflake role must be granted for a user to create and manage accounts?

- A. ACCOUNTADMIN
- B. ORGADMIN
- C. SECURITYADMIN
- D. SYSADMIN

Question #185*Topic 1*

Assume there is a table consisting of five micro-partitions with values ranging from A to Z.

Which diagram indicates a well-clustered table?

- A.

- B.
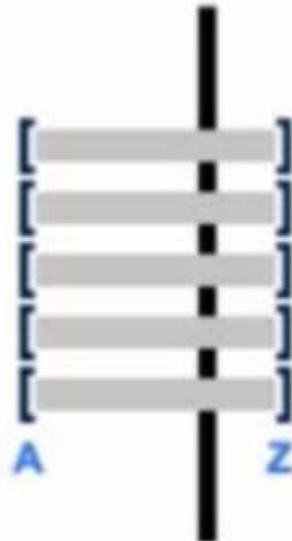
- C.

- D.

Correct Answer: *A*

What feature can be used to reorganize a very large table on one or more columns?

- A. Micro-partitions
- **B. Clustering keys**
- C. Key partitions
- D. Clustered partitions

Question #187 *Topic 1*

What is an advantage of using an explain plan instead of the query profiler to evaluate the performance of a query?

- A. The explain plan output is available graphically.
- **B. An explain plan can be used to conduct performance analysis without executing a query.**
- C. An explain plan will handle queries with temporary tables and the query profiler will not.
- D. An explain plan's output will display automatic data skew optimization information.

Question #188 *Topic 1*

Which data types are supported by Snowflake when using semi-structured data? (Choose two.)

- **A. VARIANT**
- B. VARRAY
- C. STRUCT
- **D. ARRAY**
- E. QUEUE

Question #189 *Topic 1*

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**

Question #190 *Topic 1*

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**

Question #191 *Topic 1*

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

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

Question #192 *Topic 1*

What features that are part of the Continuous Data Protection (CDP) feature set in Snowflake do not require additional configuration? (Choose two.)

- A. Row level access policies
- B. Data masking policies
- C. Data encryption
- D. Time Travel
- E. External tokenization

Question #193 *Topic 1*

Which Snowflake layer is always leveraged when accessing a query from the result cache?

- A. Metadata
- B. Data Storage
- C. Compute
- D. Cloud Services

Question #194 *Topic 1*

Which connectors are available in the downloads section of the Snowflake web interface (UI)? (Choose two.)

- A. SnowSQL
- B. JDBC **Most Voted**
- C. ODBC **Most Voted**
- D. HIVE
- E. Scala

Question #195 *Topic 1*

A Snowflake Administrator needs to ensure that sensitive corporate data in Snowflake tables is not visible to end users, but is partially visible to functional managers.

How can this requirement be met?

- A. Use data encryption.
- B. Use dynamic data masking.

- C. Use secure materialized views.
- D. Revoke all roles for functional managers and end users.

Users are responsible for data storage costs until what occurs?

- A. Data expires from Time Travel
- B. Data expires from Fail-safe **Most Voted**
- C. Data is deleted from a table
- D. Data is truncated from a table

A user has an application that writes a new file 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 file location and use Snowpipe with auto-ingest. **Most Voted**

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 **Most Voted**
- D. If multiple users are using the same virtual warehouse

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; **Most Voted**
- D. SELECT ORDER_AMT * ORDER_QTY FROM SALES;

How many days is load history for Snowpipe retained?

- A. 1 day

- B. 7 days
- C. 14 days
- D. 64 days

Which COPY INTO command outputs the data into one file?

- A. SINGLE=TRUE Most Voted
- B. MAX_FILE_NUMBER=1
- C. FILE_NUMBER=1
- D. MULTIPLE=FALSE

In which scenarios would a user have to pay Cloud Services costs? (Choose two.)

- A. Compute Credits = 50 Credits Cloud Services = 10 Most Voted
- B. Compute Credits = 80 Credits Cloud Services = 5
- C. Compute Credits = 100 Credits Cloud Services = 9
- D. Compute Credits = 120 Credits Cloud Services = 10
- E. Compute Credits = 200 Credits Cloud Services = 26 Most Voted

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. Most Voted
- D. Create a database and grant all permissions to teammates.

How can a row access policy be applied to a table or a view? (Choose two.)

- A. Within the policy DDL
- B. Within the create table or create view DDL
- C. By future APPLY for all objects in a schema
- D. Within a control table
- E. Using the command ALTER

Which command can be used to load data files into a Snowflake stage?

- A. JOIN
- B. COPY INTO
- C. PUT
- D. GET

What is the maximum Time Travel retention period for a temporary Snowflake table?

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

When should a multi-cluster warehouse be used in auto-scaling mode?

- A. When it is unknown how much compute power is needed
- B. If the select statement contains a large number of temporary tables or Common Table Expressions (CTEs)
- C. If the runtime of the executed query is very slow
- D. When a large number of concurrent queries are run on the same warehouse

What happens when a cloned table is replicated to a secondary database? (Choose two.)

- A. A read-only copy of the cloned tables is stored.
- B. The replication will not be successful.
- C. The physical data is replicated.
- D. Additional costs for storage are charged to a secondary account.
- E. Metadata pointers to cloned tables are replicated.

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

- A. Amazon Web Services Most Voted
- B. Docker
- C. IBM Cloud
- D. Microsoft Azure Cloud Most Voted
- E. Google Cloud Platform Most Voted
- F. Oracle Cloud

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 **Most Voted**

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

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

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

A company needs to allow some users to see Personally Identifiable Information (PII) while limiting other users from seeing the full value of the PII.

Which Snowflake feature will support this?

- A. Row access policies
- B. Data masking policies **Most Voted**
- C. Data encryption
- D. Role based access control

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

Which tasks are performed in the Snowflake Cloud Services layer? (Choose two.)

- A. Management of metadata Most Voted
- B. Computing the data
- C. Maintaining Availability Zones
- D. Infrastructure security
- E. Parsing and optimizing queries Most Voted

What is true about sharing data in Snowflake? (Choose two.)

- A. The Data Consumer pays for data storage as well as for data computing.
- B. The shared data is copied into the Data Consumer account, so the Consumer can modify it without impacting the base data of the Provider.
- C. A Snowflake account can both provide and consume shared data. Most Voted
- D. The Provider is charged for compute resources used by the Data Consumer to query the shared data.
- E. The Data Consumer pays only for compute resources to query the shared data. Most Voted

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; `Most Voted`
- B. select src.dealership from car_sales;
- C. select src:Dealership from car_sales;
- D. select dealership from car_sales;

Question #221 *Topic 1*

Which of the following significantly improves the performance of selective point lookup queries on a table?

- A. Clustering
- B. Materialized Views
- C. Zero-copy Cloning
- D. Search Optimization Service `Most Voted`

Question #222 *Topic 1*

Which of the following accurately describes shares?

- A. Tables, secure views, and secure UDFs can be shared `Most Voted`
- B. Shares can be shared
- C. Data consumers can clone a new table from a share
- D. Access to a share cannot be revoked once granted

Question #223 *Topic 1*

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.

Question #224 *Topic 1*

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

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

Question #225 *Topic 1*

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

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

Question #226 *Topic 1*

The is the minimum Fail-safe retention time period for transient tables?

- A. 1 day
- B. 7 days
- C. 12 hours
- D. 0 days

Question #227 *Topic 1*

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

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

Question #228 *Topic 1*

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.

Question #229 *Topic 1*

What impacts the credit consumption of maintaining a materialized view? (Choose two.)

- A. Whether or not it is also a secure view
- B. How often the underlying base table is queried
- C. How often the base table changes `Most Voted`
- D. Whether the materialized view has a cluster key defined `Most Voted`
- E. How often the materialized view is queried

Question #230 *Topic 1*

What COPY INTO SQL command should be used to unload data into multiple files?

- A. SINGLE=TRUE
- B. MULTIPLE=TRUE
- C. MULTIPLE=FALSE
- D. SINGLE=FALSE **Most Voted**

Question #231 *Topic 1*

When cloning a database containing stored procedures and regular views, that have fully qualified table references, which of the following will occur?

- A. The cloned views and the stored procedures will reference the cloned tables in the cloned database.
- B. An error will occur, as views with qualified references cannot be cloned.
- C. An error will occur, as stored objects cannot be cloned.
- D. The stored procedures and views will refer to tables in the source database. **Most Voted**

Question #232 *Topic 1*

When loading data into Snowflake, how should the data be organized?

- A. Into single files with 100-250 MB of compressed data per file
- B. Into single files with 1-100 MB of compressed data per file
- C. Into files of maximum size of 1 GB of compressed data per file
- D. Into files of maximum size of 4 GB of compressed data per file

Question #233 *Topic 1*

Which of the following objects can be directly restored using the UNDROP command? (Choose two.)

- A. Schema
- B. View
- C. Internal stage
- D. Table
- E. User
- F. Role

Question #234 *Topic 1*

Which Snowflake SQL statement would be used to determine which users and roles have access to a role called MY_ROLE?

- A. SHOW GRANTS OF ROLE MY_ROLE **Most Voted**
- B. SHOW GRANTS TO ROLE MY_ROLE
- C. SHOW GRANTS FOR ROLE MY_ROLE

- D. SHOW GRANTS ON ROLE MY_ROLE

Question #235 *Topic 1*

What is the MINIMUM edition of Snowflake that is required to use a SCIM security integration?

- A. Business Critical Edition
- B. Standard Edition **Most Voted**
- C. Virtual Private Snowflake (VPS)
- D. Enterprise Edition

Question #236 *Topic 1*

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. **Most Voted**
- 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.

Question #237 *Topic 1*

When reviewing the load for a warehouse using the load monitoring chart, the chart indicates that a high volume of queries is always queuing in the warehouse.

According to recommended best practice, what should be done to reduce the queue volume? (Choose two.)

- A. Use multi-clustered warehousing to scale out warehouse capacity. **Most Voted**
- B. Scale up the warehouse size to allow queries to execute faster.
- C. Stop and start the warehouse to clear the queued queries.
- D. Migrate some queries to a new warehouse to reduce load. **Most Voted**
- E. Limit user access to the warehouse so fewer queries are run against it.

Question #238 *Topic 1*

Which of the following features, associated with Continuous Data Protection (CDP), require additional Snowflake-provided data storage? (Choose two.)

- A. Tri-Secret Secure
- B. Time Travel
- C. Fail-safe
- D. Data encryption

- E. External stages

Where can a user find and review the failed logins of a specific user for the past 30 days?

- A. The USERS view in ACCOUNT_USAGE
- B. The LOGIN_HISTORY view in ACCOUNT_USAGE
- C. The ACCESS_HISTORY view in ACCOUNT_USAGE
- D. The SESSIONS view in ACCOUNT_USAGE

What is the purpose of an External Function?

- A. To call code that executes outside of Snowflake
- B. To run a function in another Snowflake database
- C. To share data in Snowflake with external parties
- D. To ingest data from on-premises data sources

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

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

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 **Most Voted**
- D. 24 minutes

Question #243 *Topic 1*

What can be used to view warehouse usage over time? (Choose two.)

- A. The LOAD HISTORY view
- B. The query history view
- C. The SHOW WAREHOUSES command
- D. The WAREHOUSE_METERING_HISTORY view **Most Voted**
- E. The billing and usage tab in the Snowflake web UI **Most Voted**

Question #244 *Topic 1*

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

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

Question #245 *Topic 1*

Which statement is true about running tasks in Snowflake?

- A. A task can be called using a CALL statement to run a set of predefined SQL commands.
- B. A task allows a user to execute a single SQL statement/command using a predefined schedule. **Most Voted**
- C. A task allows a user to execute a set of SQL commands on a predefined schedule.
- D. A task can be executed using a SELECT statement to run a predefined SQL command.

Question #246 *Topic 1*

Which data types does Snowflake support when querying semi-structured data? (Choose two.)

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

Question #247 *Topic 1*

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 **Most Voted**

- C. When the system has enough load for 8 minutes
- D. When the system has enough load for 10 minutes

What is the following SQL command used for?

Select * from table(validate(t1, job_id => '_last'));

- A. To validate external table files in table t1 across all sessions
- B. To validate task SQL statements against table t1 in the last 14 days
- C. To validate a file for errors before it gets executed using a COPY command
- D. To return errors from the last executed COPY command into table t1 in the current session

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 cache

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. **Most Voted**
- 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.

What tasks can be completed using the COPY command? (Choose 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.

Which Snowflake layer can be configured?

- A. Database Storage
- B. Cloud Services
- C. Query Processing **Most Voted**
- D. Application Services

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 **Most Voted**

If a size Small virtual warehouse is made up of two servers, how many servers make up a Large warehouse?

- A. 4
- B. 8 **Most Voted**
- C. 16
- D. 32

A clustering key was defined on a table, but it is no longer needed.

How can the key be removed?

- A. ALTER TABLE PURGE CLUSTERING KEY
- B. ALTER TABLE

  DELETE CLUSTERING KEY

- C. ALTER TABLE

  DROP CLUSTERING KEY

- D. ALTER TABLE

REMOVE CLUSTERING KEY

Topic 1

What is a core benefit of clustering?

- A. To guarantee uniquely identifiable records in the database
- B. To increase scan efficiency in queries by improving pruning
- C. To improve performance by creating a separate file for point lookups
- D. To provide data redundancy by duplicating micro-partitions

Topic 1

Which statement is true about Multi-Factor Authentication (MFA) in Snowflake?

- A. MFA can be enforced or applied for a given role.
- B. Snowflake users are automatically enrolled in MFA.
- C. Users enroll in MFA by submitting a request to Snowflake Support.
- D. MFA is an integrated Snowflake feature.

Topic 1

What data type should be used to store JSON data natively in Snowflake?

- A. JSON
- B. String
- C. Object
- D. VARIANT

Topic 1

What should be considered when deciding to use a Secure View? (Choose two.)

- A. No details of the query execution plan will be available in the query profiler.
- B. Once created there is no way to determine if a view is secure or not.
- C. Secure views do not take advantage of the same internal optimizations as standard views.
- D. It is not possible to create secure materialized views.
- E. The view definition of a secure view is still visible to users by way of the information schema.

Topic 1

The information schema provides storage information for which of the following objects? (Choose two.)

- A. Users
- B. Databases
- C. Internal stages

- D. Resource monitors
- E. Pipes

What is a responsibility of Snowflake's virtual warehouses?

- A. Infrastructure management
- B. Metadata management
- C. Query execution
- D. Query parsing and optimization
- E. Management of the storage layer

When unloading data to an external stage, which compression format can be used for Parquet files with the COPY INTO command?

- A. BROTLI
- B. GZIP
- C. LZO **Most Voted**
- D. ZSTD

Which SQL command can be used to verify the privileges that are granted to a role?

- A. SHOW GRANTS ON ROLE
- B. SHOW ROLES
- C. SHOW GRANTS TO ROLE **Most Voted**
- D. SHOW GRANTS FOR ROLE

Which Query Profile result indicates that a warehouse is sized too small?

- A. There are a lot of filter nodes.
- B. Bytes are spilling to external storage.
- C. The number of processed rows is very high.
- D. The number of partitions scanned is the same as partitions total.

What is the default Time Travel retention period?

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

Which of the following are best practice recommendations that should be considered when loading data into Snowflake? (Choose two.)

- A. Load files that are approximately 25 MB or smaller.
- B. Remove all dates and timestamps.
- C. Load files that are approximately 100-250 MB (or larger). **Most Voted**
- D. Avoid using embedded characters such as commas for numeric data types. **Most Voted**
- E. Remove semi-structured data types.

Which schema has the RESOURCE_MONITORS view?

- A. ACCOUNT_USAGE
- B. READER_ACCOUNT_USAGE **Most Voted**
- C. INFORMATION_SCHEMA
- D. WAREHOUSE_USAGE_SCHEMA

What is the purpose of enabling Federated Authentication on a Snowflake account?

- A. Disables the ability to use key pair and basic authentication (e.g., username/password) when connecting
- B. Allows dual Multi-Factor Authentication (MFA) when connecting to Snowflake
- C. Forces users to connect through a secure network proxy
- D. Allows users to connect using secure single sign-on (SSO) through an external identity provider

Which Snowflake partner category is represented at the top of this diagram (labeled 1)?

- A. Business Intelligence
- B. Machine Learning and Data Science
- C. Security and Governance
- D. Data Integration

Which object types are protected by Fail-safe? (Choose two.)

- A. Permanent Tables
- B. Temporary Tables
- C. External Tables
- D. Materialized Views
- E. Transient Tables

Question #272Topic 1
Snowflake's approach to the management of system access combines which of the following models? (Choose two.)

- A. Security Assertion Markup Language (SAML)
- B. Role-Based Access Control (RBAC) Most Voted
- C. Identity Access Management (AM)
- D. Create, Read, Update, and Delete (CRUD)

- E. Discretionary Access Control (DAC)
- F. Mandatory Access Control (MAC)

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- F. Mandatory Access Control (MAC)

According to Snowflake best practice recommendations, which role should be used to create databases?

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

To add or remove search optimization for a table, a user must have which of the following privileges or roles? (Choose two.)

- A. The MODIFY privilege on the table
- B. The OWNERSHIP privilege on the table **Most Voted**
- C. A SECURITYADMIN role
- D. The ADD SEARCH OPTIMIZATION privilege on the schema that contains the table **Most Voted**
- E. The SELECT privilege on the table

While using a COPY command with a Validation_mode parameter, which of the following statements will return an error?

- A. Statements that insert a duplicate record during a load
- B. Statements that have a specific data type in the source
- C. Statements that have duplicate file names
- D. Statements that transform data during a load **Most Voted**

When is the result set cache no longer available? (Choose 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 **Most Voted**
- D. When the warehouse used to execute the query is suspended
- E. When it has been 24 hours since the last query

What is the recommended file sizing for data loading using Snowpipe?

- A. A compressed file size greater than 100 MB, and up to 250 MB **Most Voted**
- B. A compressed file size greater than 100 GB, and up to 250 GB
- C. A compressed file size greater than 10 MB, and up to 100 MB
- D. A compressed file size greater than 1 GB, and up to 2 GB

Which statements are true concerning Snowflake's underlying cloud infrastructure? (Choose three.)

- A. Snowflake data and services are deployed in a single availability zone within a cloud provider's region.
- B. Snowflake data and services are available in a single cloud provider and a single region; the use of multiple cloud providers is not supported.
- C. Snowflake can be deployed in a customer's private cloud using the customer's own compute and storage resources for Snowflake compute and storage.
- D. Snowflake uses the core compute and storage services of each cloud provider for its own compute and storage. **Most Voted**
- E. All three layers of Snowflake's architecture (storage, compute, and cloud services) are deployed and managed entirely on a selected cloud platform. **Most Voted**
- F. Snowflake data and services are deployed in at least three availability zones within a cloud provider's region. **Most Voted**

A user unloaded a Snowflake table called mytable to an internal stage called mystage.

Which command can be used to view the list of files that has been uploaded to the stage?

- A. list @mytable;
- B. list @%mytable;
- C. list @%mystage;
- D. list @mystage; **Most Voted**

What is a best practice after creating a custom role?

- A. Create the custom role using the SYSADMIN role.
- B. Assign the custom role to the SYSADMIN role. **Most Voted**

- C. Assign the custom role to the PUBLIC role.
- D. Add _CUSTOM to all custom role names.

Question #281 *Topic 1*

Which is the MINIMUM required Snowflake edition that a user must have if they want to use AWS/Azure Privatelink or Google Cloud Private Service Connect?

- A. Standard
- B. Premium
- C. Enterprise
- D. Business Critical **Most Voted**

Question #282 *Topic 1*

Which of the following query profiler variables will indicate that a virtual warehouse is not sized correctly for the query being executed?

- A. Bytes sent over the network
- B. Synchronization
- C. Initialization
- D. Remote spillage **Most Voted**

Question #283 *Topic 1*

Which of the following Snowflake capabilities are available in all Snowflake editions? (Choose two.)

- A. Customer-managed encryption keys through Tri-Secret Secure
- B. Automatic encryption of all data **Most Voted**
- C. Up to 90 days of data recovery through Time Travel
- D. Object-level access control
- E. Column-level security to apply data masking policies to tables and views

Question #284 *Topic 1*

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

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

Question #285 *Topic 1*

Which of the following indicates that it may be appropriate to use a clustering key for a table? (Choose 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. **Most Voted**
- E. The clustering depth for the table is large. **Most Voted**

Question #286 *Topic 1*

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

Question #287 *Topic 1*

Which of the following describes how clustering keys work in Snowflake?

- A. Clustering keys update the micro-partitions in place with a full sort, and impact the DML operations.
- B. Clustering keys sort the designated columns over time, without blocking DML operations.
- C. Clustering keys create a distributed, parallel data structure of pointers to a table's rows and columns.
- D. Clustering keys establish a hashed key on each node of a virtual warehouse to optimize joins at run-time.

Question #288 *Topic 1*

Which of the following operations require the use of a running virtual warehouse? (Choose two.)

- A. Downloading data from an internal stage
- B. Listing files in a stage
- C. Executing a stored procedure **Most Voted**
- D. Altering a table
- E. Querying data from a materialized view **Most Voted**

Question #289 *Topic 1*

What is used to limit the credit usage of a virtual warehouse within a Snowflake account?

- A. Load monitor
- B. Resource monitor **Most Voted**
- C. Query Profile
- D. Stream

Question #290 *Topic 1*

What are the benefits of the replication feature in Snowflake? (Choose two.)

- A. Disaster recovery **Most Voted**
- B. Time Travel
- C. Fail-safe
- D. Database failover and failback **Most Voted**
- E. Data security

Which of the following roles are recommended to create and manage users and roles? (Choose two.)

- A. SYSADMIN
- B. SECURITYADMIN **Most Voted**
- C. PUBLIC
- D. ACCOUNTADMIN
- E. USERADMIN **Most Voted**

When can a newly configured virtual warehouse start running SQL queries?

- A. After 50% of the warehouse provisioning has completed
- B. During the time slots defined by the ACCOUNTADMIN
- C. When the warehouse provisioning is completed
- D. After the warehouse replication is completed

What actions will prevent leveraging of the ResultSet cache?

- A. Removing a column from the query SELECT list
- B. Stopping the virtual warehouse that the query is running against
- C. If the result has not been reused within the last 12 hours
- D. Executing the RESULTS_SCAN() table function

Which of the following are benefits of micro-partitioning? (Choose two.)

- A. Micro-partitions cannot overlap in their range of values.
- B. Micro-partitions are immutable objects that support the use of Time Travel. **Most Voted**
- C. Micro-partitions can reduce the amount of I/O from object storage to virtual warehouses. **Most Voted**
- D. Rows are automatically stored in sorted order within micro-partitions.
- E. Micro-partitions can be defined on a schema-by-schema basis.

Which data type can be used to store geospatial data in Snowflake?

- A. Variant
- B. Object
- C. Geometry
- D. Geography

If all virtual warehouse resources are maximized while processing a query workload, what will happen to new queries that are submitted to the warehouse?

- A. All queries will terminate when the resources are maximized.
- B. The warehouse will scale out automatically
- C. The warehouse will move to a suspended state.
- D. New queries will be queued and executed when capacity is available.

Masking policies can be applied to which of the following Snowflake objects? (Choose two.)

- A. A materialized view **Most Voted**
- B. A stored procedure
- C. A table **Most Voted**
- D. A stream
- E. A pipe -
  E. A User-Defined Function (UDF)

What actions are supported by Snowflake resource monitors? (Choose two.)

- A. Alert
- B. Notify **Most Voted**
- C. Notify and suspend **Most Voted**
- D. Abort
- E. Suspend immediately

A user executes the following SQL query:

create table SALES_BKP like SALES;

What are the cost implications for processing this query?

- A. Processing costs will be generated based on how long the query takes.
- B. Storage costs will be generated based on the size of the data.
- C. No costs will be incurred as the query will use metadata. **Most Voted**
- D. The cost for running the virtual warehouse will be charged by the second.

Topic 1

What is the maximum length of time travel available in the Snowflake Standard Edition?

- A. 1 Day **Most Voted**
- B. 7 Days
- C. 30 Days
- D. 90 Days

Topic 1

What happens when an external or an internal stage is dropped? (Choose two.)

- A. When dropping an external stage, the files are not removed and only the stage is dropped. **Most Voted**
- B. When dropping an external stage, both the stage and the files within the stage are removed.
- C. When dropping an internal stage, the files are deleted with the stage and the files are recoverable.
- D. When dropping an internal stage, the files are deleted with the stage and the files are not recoverable. **Most Voted**
- E. When dropping an internal stage, only selected files are deleted with the stage and are not recoverable.

Topic 1

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.

Topic 1

Which parameter can be used to instruct a COPY command to verify data files instead of loading them into a specified table?

- A. STRIP_NULL_VALUES
- B. SKIP_BYTE_ORDER_MARK

- C. REPLACE_INVALID_CHARACTERS
- **D. VALIDATION_MODE**

Which parameter can be used to instruct a COPY command to verify data files instead of loading them into a specified table?

- A. STRIP_NULL_VALUES
- B. SKIP_BYTE_ORDER_MARK
- C. REPLACE_INVALID_CHARACTERS
- **D. VALIDATION_MODE**

Which of the following SQL statements will list the version of the drivers currently being used?

- A. Execute SELECT CURRENT_ODBC_CLIENT(); from the Web UI
- B. Execute SELECT CURRENT_JDBC_VERSION(); from SnowSQL
- C. Execute SELECT CURRENT_CLIENT(); from an application **Most Voted**
- D. Execute SELECT CURRENT_VERSION(); from the Python Connector

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

- **A. Clustering**
- B. Indexing
- C. Fragmenting
- D. Using INDEX_HINTS

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. **Most Voted**
- D. The shared objects can be re-shared.

Using variables in Snowflake is denoted by using which SQL character?

- A. @
- B. &
- C. $ **Most Voted**
- D. #

Which commands should be used to grant the privilege allowing a role to select data from all current tables and any tables that will be created later in a schema? (Choose two.)

- A. grant USAGE on all tables in schema DB1.SCHEMA to role MYROLE;
- B. grant USAGE on future tables in schema DB1.SCHEMA to role MYROLE;
- C. grant SELECT on all tables in schema DB1.SCHEMA to role MYROLE; **Most Voted**
- D. grant SELECT on future tables in schema DB1.SCHEMA to role MYROLE; **Most Voted**
- E. grant SELECT on all tables in database DB1 to role MYROLE;
- F. grant SELECT on future tables in database DB1 to role MYROLE;

How can a user change which columns are referenced in a view?

- A. Modify the columns in the underlying table
- B. Use the ALTER VIEW command to update the view
- C. Recreate the view with the required changes **Most Voted**
- D. Materialize the view to perform the changes

Which statement describes pruning?

- A. The filtering or disregarding of micro-partitions that are not needed to return a query. **Most Voted**
- B. The return of micro-partitions values that overlap with each other to reduce a query's runtime.
- C. A service that is handled by the Snowflake Cloud Services layer to optimize caching.
- D. The ability to allow the result of a query to be accessed as if it were a table.

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

Which of the following is the Snowflake Account_Usage.Metering_History view used for?

- A. Gathering the hourly credit usage for an account **Most Voted**
- B. Compiling an account's average cloud services cost over the previous month
- C. Summarizing the throughput of Snowpipe costs for an account
- D. Calculating the funds left on an account's contract

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

- A. Cloud services layer **Most Voted**
- B. Compute layer
- C. Storage layer
- D. Cloud agnostic layer

Which of the following Snowflake objects can be shared using a secure share? (Choose two.)

- A. Materialized views
- B. Sequences
- C. Procedures
- D. Tables **Most Voted**
- E. Secure User Defined Functions (UDFs) **Most Voted**

What happens to the underlying table data when a CLUSTER BY clause is added to a Snowflake table?

- A. Data is hashed by the cluster key to facilitate fast searches for common data values
- B. Larger micro-partitions are created for common data values to reduce the number of partitions that must be scanned
- C. Smaller micro-partitions are created for common data values to allow for more parallelism
- D. Data may be colocated by the cluster key within the micro-partitions to improve pruning performance

Which of the following conditions must be met in order to return results from the results cache? (Choose two.)

- A. The user has the appropriate privileges on the objects associated with the query.
- B. Micro-partitions have been reclustered since the query was last run.
- C. The new query is run using the same virtual warehouse as the previous query.
- D. The query includes a User Defined Function (UDF).
- E. The query has been run within 24 hours of the previously-run query.

Which statement about billing applies to Snowflake credits?

- A. Credits are billed per-minute with a 60-minute minimum.
- B. Credits are used to pay for cloud data storage usage.
- C. Credits are consumed based on the number of credits billed for each hour that a warehouse runs.
- D. Credits are consumed based on the warehouse size and the time the warehouse is running.

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;

What is the purpose of multi-cluster virtual warehouses?

- A. To create separate data warehouses to increase query optimization
- B. To allow users the ability to choose the type of compute nodes that make up a virtual warehouse cluster
- C. To eliminate or reduce queuing of concurrent queries **Most Voted**
- D. To allow the warehouse to resize automatically

Which of the following is a valid source for an external stage when the Snowflake account is located on Microsoft Azure?

- A. An FTP server with TLS encryption
- B. An HTTPS server with WebDAV
- C. A Google Cloud storage bucket **Most Voted**
- D. A Windows server file share on Azure

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

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

Which statements reflect key functionalities of a Snowflake Data Exchange? (Choose two.)

- A. If an account is enrolled with a Data Exchange, it will lose its access to the Snowflake Marketplace.
- B. A Data Exchange allows groups of accounts to share data privately among the accounts.

- C. A Data Exchange allows accounts to share data with third, non-Snowflake parties.
- D. Data Exchange functionality is available by default in accounts using the Enterprise edition or higher.
- E. The sharing of data in a Data Exchange is bidirectional. An account can be a provider for some datasets and a consumer for others.

A Snowflake user executed a query and received the results. Another user executed the same query 4 hours later. The data had not changed.

What will occur?

- A. No virtual warehouse will be used, data will be read from the result cache. **Most Voted**
- B. No virtual warehouse will be used, data will be read from the local disk cache.
- C. The default virtual warehouse will be used to read all data.
- D. The virtual warehouse that is defined at the session level will be used to read all data.

Which feature allows a user the ability to control the organization of data in a micro-partition?

- A. Range Partitioning
- B. Search Optimization Service **Most Voted**
- C. Automatic Clustering **Most Voted**
- D. Horizontal Partitioning

Which privilege must be granted to a share to allow secure views the ability to reference data in multiple databases?

- A. CREATE_SHARE on the account
- B. SHARE on databases and schemas
- C. SELECT on tables used by the secure view
- D. REFERENCE_USAGE on databases **Most Voted**

In which use case does Snowflake apply egress charges?

- A. Data sharing within a specific region
- B. Query result retrieval
- C. Database replication **Most Voted**
- D. Loading data into Snowflake

Which of the following compute resources or features are managed by Snowflake? (Choose two.)

- A. Execute a COPY command
- B. Updating data
- C. Snowpipe **Most Voted**

- D. AUTOMATIC_CLUSTERING `Most Voted`
- E. Scaling up a warehouse

A materialized view should be created when which of the following occurs? (Choose two.)

- A. There is minimal cost associated with running the query.
- B. The query consumes many compute resources every time it runs.
- C. The base table gets updated frequently.
- D. The query is highly optimized and does not consume many compute resources.
- E. The results of the query do not change often and are used frequently.

What privilege should a user be granted to change permissions for new objects in a managed access schema?

- A. Grant the OWNERSHIP privilege on the schema.
- B. Grant the OWNERSHIP privilege on the database.
- C. Grant the MANAGE GRANTS global privilege.
- D. Grant ALL privileges on the schema.

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 account.

Which command can be used to load data into an internal stage?

- A. LOAD
- B. COPY
- C. GET
- D. PUT `Most Voted`

What is the MINIMUM Snowflake edition required to use the periodic rekeying of micro-partitions?

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

Which stage type can be altered and dropped?

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

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

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.** Most Voted
- 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.

Which of the following describes how multiple Snowflake accounts in a single organization relate to various cloud providers?

- **A. Each Snowflake account can be hosted in a different cloud vendor and region.** Most Voted
- B. Each Snowflake account must be hosted in a different cloud vendor and region.
- C. All Snowflake accounts must be hosted in the same cloud vendor and region.
- D. Each Snowflake account can be hosted in a different cloud vendor, but must be in the same region.

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.**

What are value types that a VARIANT column can store? (Choose two.)

- A. STRUCT
- B. OBJECT
- C. BINARY
- D. ARRAY
- E. CLOB

A company needs to read multiple terabytes of data for an initial load as part of a Snowflake migration. The company can control the number and size of CSV extract files.

How does Snowflake recommend maximizing the load performance?

- A. Use auto-ingest Snowpipes to load large files in a serverless model.
- B. Produce the largest files possible, reducing the overall number of files to process.
- C. Produce a larger number of smaller files and process the ingestion with size Small virtual warehouses. **Most Voted**
- D. Use an external tool to issue batched row-by-row inserts within BEGIN TRANSACTION and COMMIT commands.

For non-materialized views, what column in Information Schema and Account Usage identifies whether a view is secure or not?

- A. CHECK_OPTION
- B. IS_SECURE
- C. IS_UPDATEABLE
- D. TABLE_NAME

The bulk data load history that is available upon completion of the COPY statement is stored where and for how long?

- A. In the metadata of the target table for 14 days
- B. In the metadata of the pipe for 14 days
- C. In the metadata of the target table for 64 days **Most Voted**
- D. In the metadata of the pipe for 64 days

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

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.

Which of the following objects can be shared through secure data sharing?

- A. Masking policy
- B. Stored procedure
- C. Task
- D. External table **Most Voted**

Which formats does Snowflake store unstructured data in? (Choose two.)

- A. GeoJSON
- B. Array
- C. XML
- D. Object
- E. BLOB

A user is preparing to load data from an external stage.

Which practice will provide the MOST efficient loading performance?

- A. Organize files into logical paths
- B. Store the files on the external stage to ensure caching is maintained
- C. Use pattern matching for regular expression execution
- D. Load the data in one large file

What effect does WAIT_FOR_COMPLETION = TRUE have when running an ALTER WAREHOUSE command and changing the warehouse size?

- A. The warehouse size does not change until all queries currently running in the warehouse have completed.
- B. The warehouse size does not change until all queries currently in the warehouse queue have completed.
- C. The warehouse size does not change until the warehouse is suspended and restarted.

- D. It does not return from the command until the warehouse has finished changing its size.

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. **Most Voted**
- D. By using the SINGLE = TRUE parameter, a single file up to 5 GB in size can be exported to the storage layer. **Most Voted**
- E. Use the PARSE_JSON function to ensure structured data will be unloaded into the VARIANT data type.

What data is stored in the Snowflake storage layer? (Choose two.)

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

A data provider wants to share data with a consumer who does not have a Snowflake account. The provider creates a reader account for the consumer following these steps:

1. Created a user called "CONSUMER"
2. Created a database to hold the share and an extra-small warehouse to query the data
3. Granted the role PUBLIC the following privileges: Usage on the warehouse, database, and schema, and SELECT on all the objects in the share

Based on this configuration what is true of the reader account?

- A. The reader account will automatically use the Standard edition of Snowflake.
- B. The reader account compute will be billed to the provider account.
- C. The reader account can clone data the provider has shared, but cannot re-share it.
- D. The reader account can create a copy of the shared data using CREATE TABLE AS...

Which of the following activities consume virtual warehouse credits in the Snowflake environment? (Choose two.)

- A. Caching query results
- B. Running EXPLAIN and SHOW commands
- C. Cloning a database

- **D. Running a custom query** `Most Voted`
- **E. Running COPY commands** `Most Voted`

When loading data into Snowflake, the COPY command supports which of the following?

- A. Joins
- B. Filters
- **C. Column reordering** `Most Voted`
- D. Aggregates

What is cached during a query on a virtual warehouse?

- A. All columns in a micro-partition
- **B. Any columns accessed during the query** `Most Voted`
- C. The columns in the result set of the query
- D. All rows accessed during the query

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

- **A. UTF-8** `Most Voted`
- B. UTF-16
- C. ISO 8859-1
- D. ANSI_X3.4

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.

Which of the following are valid methods for authenticating users for access into Snowflake? (Choose three.)

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

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.

What is the minimum Snowflake edition needed for database failover and fail-back between Snowflake accounts for business continuity and disaster recovery?

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

How would a user execute a series of SQL statements using a 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 the user should sequence stored procedure calls in the task definition CREATE TASK mytask .... AS call stored_proc1(); call stored_proc2();
- C. Use a stored procedure executing multiple SQL statements and invoke the stored procedure from the task. CREATE TASK mytask .... AS call stored_proc_multiple_statements_inside();
- D. Create a task for each SQL statement (e.g. resulting in task1, task2, etc.) and string the series of SQL statements by having a control task calling task1, task2, etc. sequentially.

How many resource monitors can be assigned at the account level?

- A. 1 Most Voted
- B. 2
- C. 3
- D. 4

Data storage for individual tables can be monitored using which commands and/or objects? (Choose two.)

- A. SHOW STORAGE BY TABLE;
- B. SHOW TABLES; Most Voted
- C. Information Schema -> TABLE_HISTORY

- D. Information Schema -> TABLE_FUNCTION
- E. Information Schema -> TABLE_STORAGE_METRICS **Most Voted**

How would a user run a multi-cluster warehouse in maximized mode?

- A. Configure the maximum clusters setting to "Maximum."
- B. Turn on the additional clusters manually after starting the warehouse.
- C. Set the minimum Clusters and maximum Clusters settings to the same value. **Most Voted**
- D. Set the minimum clusters and maximum clusters settings to different values.

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

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

Which stages are used with the Snowflake PUT command to upload files from a local file system? (Choose three.)

- A. Schema Stage
- B. User Stage **Most Voted**
- C. Database Stage
- D. Table Stage **Most Voted**
- E. External Named Stage
- F. Internal Named Stage **Most Voted**

Which data type can store more than one type of data structure?

- A. JSON
- B. BINARY
- C. VARCHAR
- D. VARIANT

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

- A. ROLEADMIN
- B. ACCOUNTADMIN **Most Voted**
- C. SYSADMIN
- D. SECURITYADNIN **Most Voted**
- E. USERADMIN

What SQL command would be used to view all roles that were granted to USER1?

- A. show grants to user USER1; **Most Voted**
- B. show grants user USER1;
- C. describe user USER1;
- D. show grants on user USER1;

Which ACCOUNT_USAGE views are used to evaluate the details of dynamic data masking? (Choose two.)

- A. ROLES
- B. POLICY_REFERENCES **Most Voted**
- C. QUERY_HISTORY
- D. RESOURCE_MONITORS
- E. ACCESS_HISTORY
- F. MASKING_POLICIES **Most Voted**

Which of the following are considerations when using a directory table when working with unstructured data? (Choose two.)

- A. A directory table is a separate database object.
- B. Directory tables store data file metadata. **Most Voted**
- C. A directory table will be automatically added to a stage.
- D. Directory tables do not have their own grantable privileges. **Most Voted**
- E. Directory table data can not be refreshed manually.

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

Which statement describes how Snowflake supports reader accounts?

- A. A reader account can consume data from the provider account that created it and combine it with its own data.
- B. A consumer needs to become a licensed Snowflake customer as data sharing is only supported between Snowflake accounts.

- C. The users in a reader account can query data that has been shared with the reader account and can perform DML tasks.
- D. The SHOW MANAGED ACCOUNTS command will view all the reader accounts that have been created for an account. **Most Voted**

How does Snowflake allow a data provider with an Azure account in central Canada to share data with a data consumer on AWS in Australia?

- A. The data provider in Azure Central Canada can create a direct share to AWS Asia Pacific, if they are both in the same organization.
- B. The data consumer and data provider can form a Data Exchange within the same organization to create a share from Azure Central Canada to AWS Asia Pacific.
- C. The data provider uses the GET DATA workflow in the Snowflake Data Marketplace to create a share between Azure Central Canada and AWS Asia Pacific.
- D. The data provider must replicate the database to a secondary account in AWS Asia Pacific within the same organization then create a share to the data consumer's account **Most Voted**

Which Snowflake objects can be shared with other Snowflake accounts? (Choose three.)

- A. Schemas
- B. Roles
- C. Secure Views
- D. Stored Procedures
- E. Tables
- F. Secure User-Defined Functions (UDFs)

Which Snowflake feature will allow small volumes of data to continuously load into Snowflake and will incrementally make the data available for analysis?

- A. COPY INTO
- B. CREATE PIPE
- C. INSERT INTO
- D. TABLE STREAM

Which Snowflake partner specializes in data catalog solutions?

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

Which of the following can be executed/called with Snowpipe?

- A. A User Defined Function (UDF)
- B. A stored procedure
- C. A single COPY_INTO statement
- D. A single INSERT_INTO statement

Which snowflake objects will incur both storage and cloud compute charges? (Choose two.)

- A. Materialized view **Most Voted**
- B. Sequence
- C. Secure view
- D. Transient table
- E. Clustered table **Most Voted**

What file formats does Snowflake support for loading semi-structured data? (Choose three.)

- A. TSV
- B. JSON
- C. PDF
- D. Avro
- E. Parquet
- F. JPEG

Which of the following statements about data sharing are true? (Choose two.)

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

Credit charges for Snowflake virtual warehouses are calculated based on which of the following considerations? (Choose two.)

- A. The number of queries executed
- B. The number of active users assigned to the warehouse
- C. The size of the virtual warehouse **Most Voted**
- D. The length of time the warehouse is running **Most Voted**
- E. The duration of the queries that are executed

Which of the following are handled by the cloud services layer of the Snowflake architecture? (Choose two.)

- A. Query execution
- B. Data loading
- C. Time Travel data
- D. Security **Most Voted**
- E. Authentication and access control **Most Voted**

What is a responsibility of Snowflake's virtual warehouses?

- A. Infrastructure management
- B. Metadata management
- C. Query execution
- D. Query parsing and optimization
- E. Permanent storage of micro-partitions

What features does Snowflake Time Travel enable?

- A. Querying data-related objects that were created within the past 365 days
- B. Restoring data-related objects that have been deleted within the past 90 days **Most Voted**
- C. Conducting point-in-time analysis for BI reporting
- D. Analyzing data usage/manipulation over all periods of time

Which of the following statements describes a schema in Snowflake?

- A. A logical grouping of objects that belongs to a single database
- B. A logical grouping of objects that belongs to multiple databases
- C. A named Snowflake object that includes all the information required to share a database
- D. A uniquely identified Snowflake account within a business entity

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 **Most Voted**

How long is Snowpipe data load history retained?

- A. As configured in the CREATE PIPE settings
- B. Until the pipe is dropped
- C. 64 days
- D. 14 days **Most Voted**

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 `Most Voted`
- C. Microsoft Authenticator
- D. Google Authenticator

Which URL type allows users to access unstructured data without authenticating into Snowflake or passing an authorization token?

- A. Pre-signed URL `Most Voted`
- B. Scoped URL
- C. Signed URL
- D. File URL

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

- A. account_usage.query_history view `Most Voted`
- B. account_usage.query_history_archive view
- C. information_schema.query_history view
- D. information_schema.query_history_by_session view

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; `Most Voted`
- C. GRANT MODIFY ON WAREHOUSE MKTG_WH TO USER MKTG_LEAD;
- D. GRANT OPERATE ON WAREHOUSE MKTG_WH TO ROLE MARKET;

Which of the following commands cannot be used within a reader account?

- A. CREATE SHARE `Most Voted`
- B. ALTER WAREHOUSE
- C. DROP ROLE
- D. SHOW SCHEMAS
- E. DESCRIBE TABLE

Which TABLE function helps to convert semi-structured data to a relational representation?

- A. CHECK_JSON
- C. FLATTEN
- B. TO_JSON
- D. PARSE_JSON

Which query profile statistics help determine if efficient pruning is occurring? (Choose two.)

- A. Bytes sent over network
- B. Percentage scanned from cache
- C. Partitions total Most Voted
- D. Bytes spilled to local storage
- E. Partitions scanned Most Voted

What are the default Time Travel and Fail-safe retention periods for transient tables?

- A. Time Travel - 1 day, Fail-safe - 1 day
- B. Time Travel - 0 days, Fail-safe - 1 day
- C. Time Travel - 1 day, Failsafe - 0 days Most Voted
- D. Transient tables are retained in neither Fail-safe nor Time Travel.

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

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. Most Voted
- D. The clone will have time travel history from the original table.
- E. The clone saves space by not duplicating storage. Most Voted

How often are the Account and Table master keys automatically rotated by Snowflake?

- A. 30 Days Most Voted
- B. 60 Days
- C. 90 Days

- D. 365 Days.

Which privilege is required for a role to be able to resume a suspended warehouse if auto-resume is not enabled?

- A. USAGE
- B. OPERATE **Most Voted**
- C. MONITOR
- D. MODIFY

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.

Which of the following practices are recommended when creating a user in Snowflake? (Choose two.)

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

Network policies can be applied to which of the following Snowflake objects? (Choose two.)

- A. Roles
- B. Databases
- C. Warehouses
- D. Users **Most Voted**
- E. Accounts **Most Voted**

Where is Snowflake metadata stored?

- A. Within the data files
- B. In the virtual warehouse layer
- C. In the cloud services layer **Most Voted**
- D. In the remote storage layer

What columns are returned when performing a FLATTEN command on semi-structured data? (Choose two.)

- A. KEY `Most Voted`
- B. NODE
- C. VALUE `Most Voted`
- D. LEVEL
- E. ROOT

Which of the following Snowflake features provide continuous data protection automatically? (Choose two.)

- A. Internal stages
- B. Incremental backups
- C. Time Travel `Most Voted`
- D. Zero-copy clones
- E. Fail-safe `Most`

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. `Most Voted`

How should a virtual warehouse be configured if a user wants to ensure that additional multi-clusters are resumed with no delay?

- A. Configure the warehouse to a size larger than generally required
- B. Set the minimum and maximum clusters to autoscale
- C. Use the standard warehouse scaling policy `Most Voted`
- D. Use the economy warehouse scaling policy

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 `Most Voted`
- C. MAX_CONCURRENCY_LEVEL
- D. QUERY_TIMEOUT_IN_SECONDS

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 **Most Voted**
- D. DELETE

In a Snowflake role hierarchy, what is the top-level role?

- A. SYSADMIN
- B. ORGADMIN **Most Voted**
- C. ACCOUNTADMIN **Most Voted**
- D. SECURITYADMIN

By default, which Snowflake role is required to create a share?

- A. ORGADMIN
- B. SECURITYADMIN
- C. SHAREADMIN
- D. ACCOUNTADMIN **Most Voted**

What happens to historical data when the retention period for an object ends?

- A. The data is cloned into a historical object.
- B. The data moves to Fail-safe **Most Voted**
- C. Time Travel on the historical data is dropped.
- D. The object containing the historical data is dropped.

A company's security audit requires generating a report listing all Snowflake logins (e.g., date and user) within the last 90 days.

Which of the following statements will return the required information?

- A. SELECT LAST_SUCCESS_LOGIN, LOGIN_NAME
  FROM ACCOUNT_USAGE.USERS;
- B. SELECT EVENT_TIMESTAMP, USER_NAME
  FROM table(information_schema.login_history_by_user())
- C. SELECT EVENT_TIMESTAMP, USER_NAME
  FROM ACCOUNT_USAGE.ACCESS_HISTORY;
- D. SELECT EVENT_TIMESTAMP, USER_NAME
  FROM ACCOUNT_USAGE.LOGIN_HISTORY; **Most Voted**

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 **Most Voted**
- E. Data spilling to a local or remote disk **Most Voted**

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 **Most Voted**
- D. Queries against a subset of columns in a table

Which file formats are supported for unloading data from Snowflake? (Choose two.)

- A. Avro
- B. JSON **Most Voted**
- C. ORC
- D. XML
- E. Delimited (CSV, TSV, etc.) **Most Voted**

Which Snowflake tool would be BEST to troubleshoot network connectivity?

- A. SnowCLI
- B. SnowUI
- C. SnowSQL
- D. SnowCD **Most Voted**

Increasing the size of a virtual warehouse from an X-Small to an X-Large is an example of which of the following?

- A. Right sizing
- B. Concurrent sizing
- C. Scaling out
- D. Scaling up

What are ways to create and manage data shares in Snowflake? (Choose two.)

- A. Through the Snowflake web interface (UI)
- B. Through the DATA_SHARE=TRUE parameter

- C. Through SQL commands
- D. Through the ENABLE_SHARE=TRUE parameter
- E. Using the CREATE SHARE AS SELECT * FROM TABLE command

What is a characteristic of data micro-partitioning in Snowflake?

- A. Micro-partitioning may introduce data skew
- B. Micro-partitioning requires the definition of a partitioning schema
- C. Micro-partitioning happens when the data is loaded **Most Voted**
- D. Micro-partitioning can be disabled within a Snowflake account

Users with the ACCOUNTADMIN role can execute which of the following commands on existing users?

- A. Can SHOW users DESCRIBE a given user, or ALTER or DROP a user **Most Voted**
- B. Can DEFINE users, DESCRIBE a given user, or ALTER or DELETE a user
- C. Can SHOW users, INDEX a given user, or ALTER or DELETE a user
- D. Can SHOW users, DEFINE a given user or ALTER, DROP, or MODIFY a user

According to Snowflake best practice recommendations, which system-defined roles should be used to create custom roles? (Choose two.)

- A. ACCOUNTADMIN
- B. SYSADMIN
- C. SECURITYADMIN **Most Voted**
- D. USERADMIN **Most Voted**
- E. ORGADMIN

What services are provided by the cloud services layer in Snowflake? (Choose two.)

- A. Metadata management **Most Voted**
- B. Object authorization
- C. Authentication **Most Voted**
- D. Query execution
- E. Result caching

Which of the following commands are valid options for the VALIDATION_MODE parameter within the Snowflake COPY_INTO command? (Choose two.)

- A. TRUE
- B. RETURN_ERROR_SUM
- C. RETURN_ALL_ERRORS **Most Voted**
- D. RETURN__ROWS **Most Voted**
- E. RETURN_FIRST__ERRORS

Snowflake virtual warehouses are part of which layer of the Snowflake architecture?

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

Which of the following are characteristics of schemas used in Snowflake? (Choose two.)

- A. A schema may contain one or more databases.
- B. A database may contain one or more schemas. **Most Voted**
- C. A schema represents a logical grouping of database objects. **Most Voted**
- D. Each schema is contained within a virtual warehouse.
- E. A table can span more than one schema.

Which Snowflake objects can be used to reduce data storage costs for short-lived tables? (Choose two.)

- A. Provisional tables
- B. Temporary tables
- C. Transient tables
- D. Permanent tables
- E. Lookup tables

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

What are benefits of using the ACCESS_HISTORY view in the SNOWFLAKE database?

- A. Identification of unused data **Most Voted**
- B. Identification of which roles have been used
- C. Tracking of network policy usage
- D. Highlighting of row access policy usage
- E. Identification of who has read data

Which of the following view types are available in Snowflake? (Choose two.)

- A. Layered view

- B. Secure view
- C. External view
- D. Embedded view
- E. Materialized view

Which of the following statements describes a benefit of Snowflake's separation of compute and storage? (Choose two.)

- A. Growth of storage and compute are tightly coupled.
- B. Storage expands without the requirement to add more compute.
- C. Compute can be scaled up or down without the requirement to add more storage.
- D. Compute and storage can be scaled together.
- E. Use of storage avoids disk spilling.

Which of the following languages can be used to implement Snowflake User Defined Functions (UDFs)? (Choose two.)

- A. Ruby
- B. Javascript **Most Voted**
- C. SQL **Most Voted**
- D. PERL
- E. C#

What is the default compression typo when unloading data from Snowflake?

- A. Brotli
- B. bzip2
- C. Zstandard
- D. gzip

Which statement describes when a virtual warehouse can be resized?

- A. A resize will affect running, queued, and new queries.
- B. A resize can only be completed when the warehouse is in an auto-resume status.
- C. A resize must be completed when the warehouse is suspended.
- D. A resize can be completed at any time.

What is the compressed size limit for semi-structured data loaded into a VARIANT data type using the COPY command?

- A. 8 MB
- B. 16 MB
- C. 32 MB
- D. 64 MB

User A cloned a schema and overwrote a schema that User B was working on. User B no longer has access to their version of the tables. However, this all occurred within the Time Travel retention period defined at the database level.

How should the missing tables be restored?

- A. Use an UNDROP TABLE statement.
- B. Use a CREATE TABLE AS SELECT statement
- C. Rename the cloned schema and use an UNDROP SCHEMA statement.
- D. Contact Snowflake Support to retrieve the data from Fail-safe

How does Snowflake recommend handling the bulk loading of data batches from files already available in cloud storage?

- A. Use Snowpipe.
- B. Use the INSERT command.
- C. Use an external table.
- D. Use the COPY command.

What is Snowflake's general guideline for files used to load data?

- A. Files can be loaded directly into a table.
- B. Any delimiter is supported: the default is a semicolon.
- C. Electronic Data Interchange (EDI) is one of the supported semi-structured formats.
- D. For delimited files, the default character set is UTF-8. **Most Voted**

How does a Snowflake user execute an anonymous block of code?

- A. The user must run the CALL command to execute the block.
- B. The statements that define the block must also execute the block.
- C. The SUBMIT command must run immediately after the block is defined
- D. The block must be saved to a worksheet and executed using a connector.

When unloading data from Snowflake, the user executes a COPY INTO command into an internal stage.

What additional command is required to load the file onto the local file system?

- A. GET **Most Voted**
- B. LIST
- C. PUT
- D. REMOVE

A Snowflake user has a query that is running for a long time. When the user opens the query profiler, it indicates that a lot of data is spilling to disk.

What is causing this to happen?

- A. The result cache is almost full and is unable to hold the results.
- B. The cloud storage staging area is not sufficient to hold the data results.
- C. Clustering has not been applied to the table so the table is not optimized.
- D. The warehouse memory is not sufficient to hold the intermediate query results. Most Voted

What is the MOST performant file format for loading data in Snowflake?

- A. CSV (Unzipped)
- B. Parquet
- C. CSV (Gzipped) Most Voted
- D. ORC

Which chart type does Snowsight support to visualize worksheet data?

- A. Box plot
- B. Bubble chart
- C. Pie chart
- D. Scatterplot Most Voted

Which result shows efficient pruning?

- A. Partitions scanned is greater than partitions total.
- B. Partitions scanned is less than partitions total. Most Voted
- C. Partitions scanned is equal to the partitions total.
- D. Partitions scanned is greater than or equal to the partitions total.

Which clustering indicator will show if a large table in Snowflake will benefit from explicitly defining a clustering key?

- A. Percentage
- B. Depth
- C. Ratio
- D. Total partition count

Which file format is MOST performant in Snowflake for data loading?

- A. Parquet
- B. CSV

- C. ORC
- D. Avro

What is to be expected when sharing worksheets in Snowsight?

- A. Worksheets can be shared with users that are internal or external to any organization.
- B. To run a shared worksheet, a user must be granted the role used for the worksheet session context.
- C. Snowsight allows users to view and refresh results but not to edit shared worksheets.
- D. Snowsight offers different sharing permissions at the worksheet, folder, and dashboard level.

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

- A. Pipes
- B. Streams **Most Voted**
- C. Tasks
- D. Procedures

Which table type is automatically deleted after a session is closed and has no Fail-safe or Time Travel cost?

- A. Temporary
- B. Transient
- C. Permanent
- D. External

Which constraint type is enforced in Snowflake from the ANSI SQL standard?

- A. UNIQUE
- B. PRIMARY KEY
- C. FOREIGN KEY
- D. NOT NULL **Most Voted**

Which function is used to profile warehouse credit usage?

- A. AUTOMATIC_CLUSTERING_HISTORY
- B. MATERIALIZED_VIEW_REFRESH_HISTORY
- C. WAREHOUSE_LOAD_HISTORY
- D. WAREHOUSE_METERING_HISTORY **Most Voted**

What is a characteristic of the Snowflake query profiler?

- A. It can provide statistics on a maximum number of 100 queries per week.
- B. It provides a graphic representation of the main components of the query processing.
- C. It provides detailed statistics about which queries are using the greatest number of compute resources.
- D. It can be used by third-party software using the query profiler API.

A Snowflake user wants to share transactional data with retail suppliers. However, some of the suppliers do not use Snowflake.

According to best practice, what should the Snowflake user do? (Choose two.)

- A. Provide each non-Snowflake supplier with their own reader account. **Most Voted**
- B. Deploy a single reader account to be shared by all of the non-Snowflake suppliers.
- C. Create an ETL pipeline that uses select and inserts statements from the source to the target supplier accounts.
- D. Use a data share for suppliers in the same cloud region and a replicated proxy share for other cloud deployments. **Most Voted**
- E. Extract the shared transactional data to an external stage and use cloud storage utilities to reload the suppliers' regions.

Which statement about data sharing is true?

- A. Accounts can share with other accounts regardless of their Snowflake edition, without requiring help from Snowflake Support.
- B. Data sharing can cross regions, but not cloud providers.
- C. The Data Consumer can only see objects in the Data Provider's source database that have been explicitly added to the share. **Most Voted**
- D. A Data Provider can only share with other Snowflake customers.

Which command is used to load files into an internal stage within Snowflake?

- A. PUT
- B. COPY INTO
- C. TRANSFER
- D. INSERT

Which object type is granted permissions for reading a table?

- A. User
- B. Role **Most Voted**
- C. Attribute
- D. Schema

What is the default value in the Snowflake Web Interface (UI) for auto suspending a Virtual Warehouse?

- A. 1 minute
- B. 5 minutes
- C. 10 minutes **Most Voted**
- D. 15 minutes

Several users are using the same virtual warehouse. The users report that the queries are running slowly, and that many queries are being queued.

What is the recommended way to resolve this issue?

- A. Reduce the warehouse STATEMENT_QUEUED_TIMEOUT_IN SECONDS parameter.
- B. Reduce the warehouse AUTO_SUSPEND parameter.
- C. Increase the warehouse MAX_CONCURRENCY_LIMIT parameter.
- D. Increase the warehouse MAX_CLUSTER_COUNT parameter.

Which data types are valid in Snowflake? (Choose two.)

- A. BLOB
- B. Geography **Most Voted**
- C. JSON
- D. CLOB
- E. Variant **Most Voted**

What happens when the size of a virtual warehouse is changed?

- A. Queries that are running on the current warehouse configuration are not impacted.
- B. Queries that are running on the current warehouse configuration are aborted and have to be resubmitted by the user.
- C. Queries that are running on the current warehouse configuration are aborted and are automatically resubmitted.
- D. Queries that are running on the current warehouse configuration are moved to the new configuration and finished there.

How often are encryption keys automatically rotated by Snowflake?

- A. 30 Days **Most Voted**
- B. 60 Days
- C. 90 Days
- D. 365 Days

How often are encryption keys automatically rotated by Snowflake?

- A. 30 Days **Most Voted**
- B. 60 Days
- C. 90 Days
- D. 365 Days

Which Snowflake object can be accessed in the FROM clause of a query, returning a set of rows having one or more columns?

- A. A User-Defined Table Function (UDTF) **Most Voted**
- B. A Scalar User Defined Function (UDF)
- C. A stored procedure
- D. A task

How are micro-partitions typically generated in Snowflake?

- A. Automatically
- B. ORDER BY <>;
- C. PARTITION BY <>;
- D. GROUP BY <>;

What does Snowflake recommend regarding database object ownership? (Choose two.)

- A. Create objects with ACCOUNTADMIN and do not reassign ownership.
- B. Create objects with SYSADMIN. **Most Voted**
- C. Create objects with SECURITYADMIN to ease granting of privileges later.
- D. Create objects with a custom role and grant this role to SYSADMIN. **Most Voted**
- E. Use only managed access schemas for objects owned by ACCOUNTADMIN.

Other than ownership what privileges does a user need to view and modify resource monitors in Snowflake? (Choose two.)

- A. ALTER
- B. MONITOR
- C. MODIFY
- D. CREATE
- E. DROP

What technique does Snowflake recommend for determining which virtual warehouse size to select?

- A. Always start with an X-Small and increase the size if the query does not complete in 2 minutes
- B. Experiment by running the same queries against warehouses of different sizes
- C. Use the default size Snowflake chooses

- D. Use X-Large or above for tables larger than 1 GB

Which command should be used when loading many flat files into a single table?

- A. PUT
- B. INSERT
- C. COPY INTO
- D. MERGE

How can a Snowflake user share data with another user who does not have a Snowflake account?

- A. Share the data by implementing User-Defined Functions (UDFs)
- B. Create a reader account and create a share of the data
- C. Grant the READER privilege to the database that is going to be shared
- D. Move the Snowflake account to a region where data sharing is enabled

Which semi-structured data formats can be loaded into Snowflake with a COPY command? (Choose two.)

- A. CSV
- B. EDI
- C. HTML
- D. ORC Most Voted
- E. XML Most Voted

Which statements reflect valid commands when using secondary roles? (Choose two.)

- A. USE SECONDARY ROLES RESUME
- B. USE SECONDARY ROLES SUSPEND
- C. USE SECONDARY ROLES ALL Most Voted
- D. USE SECONDARY ROLES ADD
- E. USE SECONDARY ROLES NONE Most Voted

How long is a query visible in the Query History page in the Snowflake Web Interface (UI)?

- A. 60 minutes
- B. 24 hours
- C. 14 days
- D. 30 days

Two users share a virtual warehouse named WH_DEV_01. When one of the users loads data, the other one experiences performance issues while querying data.

How does Snowflake recommend resolving this issue?

- A. Scale up the existing warehouse
- B. Create separate warehouses for each user
- C. Create separate warehouses for each workload **Most Voted**
- D. Stop loading and querying data at the same time

What is a feature of a stored procedure in Snowflake?

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

Which view will return users who have queried a table?

- A. SNOWFLAKE.ACCOUNT_USAGE.WAREHOUSE_EVENT_HISTORY
- B. SNOWFLAKE.ACCOUNT_USAGE.ACCESS_HISTORY **Most Voted**
- C. SNOWFLAKE.ACCOUNT_USAGE.COLUMNS
- D. SNOWFLAKE.ACCOUNT_USAGE.OBJECT_DEPENDENCIES

Why do Snowflake's virtual warehouses have scaling policies?

- A. To help save extra storage costs
- B. To help increase the performance of serverless computing features
- C. To help control the credits consumed by a multi-cluster warehouse running in auto-scale mode
- D. To help control the credits consumed by a multi-cluster warehouse running in maximized mode

Where can a Snowflake user find the query history in Snowsight?

- A. Admin
- B. Activity
- C. Dashboards
- D. Data

What is SnowSQL?

- A. Snowflake's new user interface where users can visualize data into charts and dashboards.
- B. Snowflake's proprietary extension of the ANSI SQL standard, including built-in keywords and system functions.

- C. Snowflake's command line client built on the Python connector which is used to connect to Snowflake and execute SQL. Most Voted
- D. Snowflake's library that provides a programming interface for processing data on Snowflake without moving it to the system where the application code runs.

The following SQL statements have been executed:

```
create or replace sequence seq_01 start = 1 increment = 2;
create or replace table sequence_test_table (i integer);

select seq_01.nextval;
select seq_01.nextval;

insert into sequence_test_table (i) values (seq_01.nextval);

select seq_01.nextval;
```

What will the output be of the last select statement?

- A. 3
- B. 4
- C. 7 Most Voted
- D. 8

Which statement is true of zero-copy cloning?

- A. It increases storage costs as cloning a table requires storing its data twice
- B. A cloned table includes the load history of the original source
- C. It is licensed as an additional Snowflake feature
- D. All micro-partitions between the original and cloned tables are fully shared Most Voted

A Snowflake user has been granted the CREATE DATA EXCHANGE LISTING privilege with their role.

Which tasks can this user now perform on the Data Exchange? (Choose two.)

- A. Rename listings
- B. Delete provider profiles
- C. Modify listings properties Most Voted
- D. Modify incoming listing access requests
- E. Submit listings for approval/publishing Most Voted

Which parameter prevents streams on tables from becoming stale?

- A. MAX_DATA_EXTENSION_TIME_IN_DAYS `Most Voted`
- B. MIN_DATA_RETENSION_TIME_IN_DAYS
- C. LOCK_TIMEOUT
- D. STALE_AFTER

If a virtual warehouse runs for 30 seconds after it is provisioned, how many seconds will the customer be billed for?

- A. 30 seconds
- B. 60 seconds
- C. 121 seconds
- D. 1 hour

When should a stored procedure be created with caller's rights?

- A. When the caller needs to be prevented from viewing the source code of the stored procedure
- B. When the caller needs to run a statement that could not execute outside of the stored procedure
- C. When the stored procedure needs to run with the privileges of the role that called the stored procedure
- D. When the stored procedure needs to operate on objects that the caller does not have privileges on

What JavaScript delimiters are available in Snowflake stored procedures? (Choose two.)

- A. Double quotes (")
- B. Single quote (')
- C. Double forward slash (//)
- D. Double backslash (\\)
- E. Double dollar sign ($$)

What type of function can be used to estimate the approximate number of distinct values from a table that has trillions of rows?

- A. MD5
- B. Window
- C. External
- D. HyperLogLog (HLL) `Most Voted`

Which Data Definition Language (DDL) commands are supported by Snowflake to manage tags? (Choose two.)

- A. ALTER TAG `Most Voted`

- B. DESCRIBE TAG
- C. DROP TAG **Most Voted**
- D. GRANT ... TO TAG
- E. GRANT TAG

What Snowflake objects can be added to a share? (Choose two.)

- A. Views
- B. Tables
- C. Stored procedures
- D. Streams
- E. Secure views

What does this signify?

- A. Exploding joins
- B. Inefficient pruning
- C. UNION without ALL
- D. Queries that are too large to fit in memory

Which data governance control has Snowflake embedded in the application?

- A. Network policies
- B. Credit computation
- C. Data storage
- D. Attribute-based access control **Most Voted**

What actions does the use of the PUT command do automatically? (Choose two.)

- A. It creates a file format object.
- B. It uses the last stage created.
- C. It compresses all files using GZIP. **Most Voted**
- D. It encrypts the file data in transit. **Most Voted**
- E. It creates an empty target table.

Which command should a Snowflake user execute to load data into a table?

- A. copy into mytable purge_mode = TRUE;
- B. copy into mytable from @my_int_stage;
- C. copy into mytable file_format = (format_name);
- D. copy into mytable validation = 'RETURN_ERRORS';

Which function returns the URL of a stage using the stage name as the input?

- A. BUILD_STAGE_FILE_URL
- B. BUILD_SCOPED_FILE_URL
- C. GET_PRESIGNED_URL
- D. GET_STAGE_LOCATION **Most Voted**

What is the MAXIMUM number of clusters that can be provisioned with a multi-cluster virtual warehouse?

- A. 1
- B. 5
- C. 10 **Most Voted**
- D. 100

Which Snowflake table supports unstructured data?

- A. Directory **Most Voted**
- B. Transient
- C. Temporary

When unloading data, which file format preserves the data values for floating-point number columns?

- A. Avro
- B. CSV
- C. JSON
- D. Parquet **Most Voted**

Which virtual warehouse privilege is required to view a load-monitoring chart?

- A. MONTTOR
- B. MODIFY
- C. OPERATE
- D. USAGE

Which use case will always cause an exploding join in Snowflake?

- A. A query that has more than 10 left outer joins.
- B. A query that is using a UNION without an ALL.
- C. A query that has not specified join criteria for tables.
- D. A query that has requested too many columns of data.

How many resource monitors can be applied to a single virtual warehouse?

- A. Zero
- **B. One** Most Voted
- C. Eight
- D. Unlimited

What are the main differences between the account usage views and the information schema views? (Choose two.)

- A. No active warehouse is needed to query account usage views but one is needed to query information schema views.
- B. Account usage views do not contain data about tables but information schema views do.
- C. Account usage views contain dropped objects but information schema views do not. Most Voted
- D. Data retention for account usage views is 1 year but is 7 days to 6 months for information schema views, depending on the view. Most Voted
- E. Information schema views are read-only but account usage views are not.

Which file function provides a URL with access to a file on a stage without the need for authentication and authorization?

- A. GET_RELATIVE_PATH
- B. GET_PRESIGNED_URL
- C. BUILD_STAGE_FILE_URL
- D. BUILD_SCOPED_FILE_URL

Which view can be used to determine if a table has frequent row updates or deletes?

- A. TABLES
- B. TABLE_STORAGE_METRICS
- C. STORAGE_DAILY_HISTORY
- D. STORAGE_USAGE

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- B. TABLE_STORAGE_METRICS
- C. STORAGE_DAILY_HISTORY
- D. STORAGE_USAGE

How is unstructured data retrieved from data storage?

- A. SQL functions like the GET command can be used to copy the unstructured data to a location on the client.

- B. SQL functions can be used to create different types of URLs pointing to the unstructured data. These URLs can be used to download the data to a client. **Most Voted**
- C. SQL functions can be used to retrieve the data from the query results cache. When the query results are output to a client. the unstructured data will be output to the client as files.
- D. SQL functions can call on different web extensions designed to display different types of files as a web page. The web extensions will allow the files to be downloaded to the client.

What is the recommended way to obtain a cloned table with the same grants as the source table?

- A. Clone the table with the COPY GRANTS command.
- B. Use an ALTER TABLE command to copy the grants.
- C. Clone the schema then drop the unwanted tables.
- D. Create a script to extract grants and apply them to the cloned table.

What common query issues can be identified using the Query Profile? (Choose two.)

- A. Data classification
- B. Exploding joins **Most Voted**
- C. Unions
- D. Inefficient pruning **Most Voted**
- E. Data masking

What is used to extract the content of PDF files stored in Snowflake stages?

- A. FLATTEN function
- B. Window function
- C. HyperLogLog (HLL) function
- D. Java User-Defined Function (UDF)

What happens when a database is cloned?

- A. It does not retain any privileges granted on the source object.
- B. It replicates all granted privileges on the corresponding source objects.
- C. It replicates all granted privileges on the corresponding child objects. **Most Voted**
- D. It replicates all granted privileges on the corresponding child schema objects.

What does a Query Profile provide in Snowflake?

- A. A multi-step query that displays each processing step in the same panel.
- B. A pre-computed data set derived from a query specification and stored for later use.

- C. A graphical representation of the main components of the processing plan for a query.
- D. A collapsible panel in the operator tree pane that lists nodes by execution time in descending order for a query.

When executing a COPY INTO command, performance can be negatively affected by using which optional parameter on a large number of files?

- A. FILE_FORMAT
- B. PATTERN **Most Voted**
- C. VALIDATION_MODE
- D. FILES

Which URL type should be used to get a permanent URL to a file in a stage?

- A. File URL **Most Voted**
- B. Pre-signed URL
- C. Saved URL
- D. Scoped URL

Which operation will produce an error in Snowflake?

- A. Inserting duplicate values into a PRIMARY KEY column
- B. Inserting a NULL into a column with a NOT NULL constraint
- C. Inserting duplicate values into a column with a UNIQUE constraint
- D. Inserting a value to FOREIGN KEY column that does not match a value in the column referenced

How are URLs that access unstructured data in external stages retrieved?

- A. From the Snowsight navigation menu
- B. By querying a directory table
- C. By creating an external function
- D. By using the INFORMATION_USAGE schema

What is the Snowflake multi-clustering feature for virtual warehouses used for?

- A. To improve the data unloading process to the cloud
- B. To improve data loading from very large data sets
- C. To improve concurrency for users and queries
- D. To speed up slow or stalled queries

Which features could be used to improve the performance of queries that return a small subset of rows from a large table? (Choose two.)

- A. Search optimization service **Most Voted**
- B. Automatic clustering **Most Voted**
- C. Row access policies
- D. Multi-cluster virtual warehouses
- E. Secure views

Which command would return an empty sample?

- A. select * from testtable sample ();
- B. select * from testtable sample (0); **Most Voted**
- C. select * from testtable sample (null);
- D. select * from testtable sample (none);

What Snowflake function should be used to unload relational data to JSON?

- A. BUILD_STAGE_FILE_URL()
- B. OBJECT_CONSTRUCT()
- C. PARSE_JSON()
- D. TO_VARIANT()

Floating point values are truncated when unloaded to which file format?

- A. ORC
- B. CSV **Most Voted**
- C. Avro
- D. Parquet

Which levels can apply network policies? (Choose two.)

- A. Account
- B. Database
- C. Role
- D. Schema
- E. User

What causes objects in a data share to become unavailable to a consumer account?

- A. The DATA_RETENTION_IT parameter in the consumer account is set to 0.
- B. The consumer account runs the GRANT INPORTED PRIVILEGES command on the data share every 24 hours.
- C. The objects in the data share are being deleted and the grant pattern is not re-applied systematically. **Most Voted**
- D. The consumer account acquires the data share through a private data exchange.

How can an administrator check for updates (for example, SCIM API requests) sent to Snowflake by the identity provider?

- A. ACCESS_HYSTORY
- B. LOAD_HYSTORY
- C. QUERY_HISTORY
- D. REST_EVENT_HISTORY Most Voted

A Snowflake user is writing a User-Defined Function (UDF) with some unqualified object names.

How will those object names be resolved during execution?

- A. Snowflake will resolve them according to the SEARCH_PATH parameter.
- B. Snowflake will only check the schema the UDF belongs to. Most Voted
- C. Snowflake will first check the current schema, and then the schema the previous query used.
- D. Snowflake will first check the current schema, and then the PUBLIC schema of the current database.

Why should a user select the economy scaling policy for a multi-cluster warehouse?

- A. To prevent/minimize query queuing
- B. To increase performance of the clusters
- C. To reduce queuing concurrent user queries
- D. To conserve credits by keeping running clusters fully loaded Most Voted

What MINIMUM privilege is required on the external stage for any role in the GET REST API to access unstructured data files using a file URL?

- A. READ
- B. OWNERSHIP
- C. USAGE Most Voted
- D. WRITE

Which view in SNOWFLAKE.ACCOUNT_USAGE shows from which IP address a user connected to Snowflake?

- A. ACCESS_HYSTORY
- B. LOGIN_HYSTORY Most Voted
- C. SESSIONS
- D. QUERY_HISTORY

Snowflake Partner Connect is limited to users with a verified email address and which role?

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

What unit of storage supports efficient query processing in Snowflake?

- A. Blobs
- B. JSON
- C. Block storage
- D. Micro-partitions

What is the difference between a stored procedure and a User-Defined Function (UDF)?

- A. Stored procedures can execute database operations while UDFs cannot. **Most Voted**
- B. Returning a value is required in a stored procedure while returning values in a UDF is optional.
- C. Values returned by a stored procedure can be used directly in a SQL statement while the values returned by a UDF cannot.
- D. Multiple stored procedures can be called as part of a single executable statement while a single SQL statement can only call one UDF at a time.

Which URL type does Snowflake recommend to use when providing unstructured data to other accounts through a share?

- A. File
- B. Pre-signed
- C. Scoped **Most Voted**
- D. Staged

What is the MAXIMUM Time Travel retention period for a transient table?

- A. 0 days
- B. 1 day
- C. 7 days
- D. 90 days

What is the advantage of using a reader account?

- A. It can be used by a client that does not have a Snowflake account **Most Voted**
- B. It is read-only and prevents the shared data from being updated by the provider.
- C. It can be connected to a Snowflake account in a different region.
- D. It provides limited access to the data share and is therefore cheaper for the data provider.

What command is used to export or unload data from Snowflake?

- A. PUT @mystage
- B. GET @mystage
- C. Copy INTO @mystage **Most Voted**
- D. INSERT @mystage

A Snowflake user wants to share data with someone who does not have a Snowflake account.

How can the Snowflake user share the data?

- A. Use the Snowflake Marketplace.
- B. Create a reader account.
- C. Create a consumer account.
- D. Use a Snowflake share.

A user wants to add additional privileges to the system-defined roles for their virtual warehouse.

How does Snowflake recommend they accomplish this?

- A. Grant the additional privileges to a custom role. **Most Voted**
- B. Grant the additional privileges to the ACCOUNTADMIN role.
- C. Grant the additional privileges to the SYSADMIN role. **Most Voted**
- D. Grant the additional privileges to the ORGADMIN role.

How does Snowflake store a table's underlying data? (Choose two.)

- A. Columnar file format **Most Voted**
- B. Micro-partitions **Most Voted**
- C. Text file format
- D. Uncompressed
- E. User-defined partitions

What is the MAXIMUM number of days a Snowflake-managed encryption key can be used before it gets automatically rotated?

- A. 1 day
- B. 14 days
- C. 30 days
- D. 120 days

Which user object property requires contacting Snowflake Support in order to set a value for it?

- A. DISABLED
- B. MINS_TO_BYPASS MFA
- C. MINS_TO_BYPASS_NETWORK_POLICY
- D. MINS_TO_UNLOCK

How does Snowflake handle the bulk unloading of data into single or multiple files?

- A. It assigns each unloaded data file a unique name. **Most Voted**
- B. It uses the PUT command to download the data by default.
- C. It uses COPY INTO for bulk unloading where the default option is SINGLE = TRUE.
- D. It uses COPY INTO to copy the data from a table into one or more files in an external stage only.

What information is included in the display in the Query Profile? (Choose two.)

- A. Index hints used in query
- B. Credit usage details
- C. Clustering keys details
- D. Details and statistics for the overall query
- E. Graphical representation of the query processing plan

A Snowflake user wants to optimize performance for a query that queries only a small number of rows in a table. The rows require significant processing. The data in the table does not change frequently.

What should the user do?

- A. Add a clustering key to the table.
- B. Add the search optimization service to the table.
- C. Create a materialized view based on the query.
- D. Enable the query acceleration service for the virtual warehouse.

When using the ALLOW_CLIENT_MFA_CACHING parameter, how long is a cached Multi-Factor Authentication (MFA) token valid for?

- A. 1 hour
- B. 2 hours
- C. 4 hours **Most Voted**
- D. 8 hours

When unloading data, which file formats are supported by the COPY INTO command? (Choose two.)

- A. Avro

- B. JSON
- C. ORC
- D. Parquet
- E. XML

A JSON object is loaded into a column named data using a Snowflake variant datatype. The root node of the object is BIKE. The child attribute for this root node is BIKEID.

Which statement will allow the user to access BIKEID?

- A. select data:BIKEID
- B. select data.BIKE.BIKEID
- C. select data:BIKE.BIKEID
- D. select data:BIKE:BIKEID

A custom role owns multiple tables. If this role is dropped from the system, who becomes the owner of these tables?

- A. ACCOUNTADMIN
- B. SYSADMIN
- C. Tables will be standalone or orphaned.
- D. The role that dropped the custom role.

Which function produces a lateral view of a VARIANT column?

- A. GET_PATH
- B. FLATTEN
- C. GET
- D. PARSE_JSON

Snowflake strongly recommends that all users with what type of role be required to use Multi-Factor Authentication (MFA)?

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

What does it mean when the sample function uses the Bernoulli sampling method?

- A. The data is based on sampling every row. **Most Voted**
- B. The data is based on sampling 10% of the source data.
- C. The data is based on sampling blocks of the source data.
- D. The data is based on sampling 1000 rows of the source data.

What are characteristics of Snowflake network policies? (Choose two.)

- A. They can be set for any Snowflake Edition
- B. They can be applied to roles.
- C. They restrict or enable access to specific IP addresses.
- D. They are activated using ALTER DATABASE SQL commands.
- E. They can only be managed using the ORGADMIN role.

Which function should be used to find the query ID of the second query executed in a current session?

- A. Select LAST_QUERY_ID(-2)
- B. Select LAST_QUERY_ID(-1)
- C. Select LAST_QUERY_ID(1)
- D. Select LAST_QUERY_ID(2) **Most Voted**

How is the hierarchy of database objects organized in Snowflake?

- A. A database consists of one or more schemas. A schema contains tables and views.
- B. A schema consists of one or more databases. A database contains tables and views.
- C. A schema consists of one or more databases. A database contains tables, views, and warehouses.
- D. A database consists of one of more schemas and warehouses. A schema contains tables and views.

Which role can execute the SHOW ORGANIZATION ACCOUNTS command successfully?

- A. ACCOUNTADMIN
- B. SECURITYADMIN
- C. ORGADMIN
- D. USERADMIN

Which data types in Snowflake are synonymous for FLOAT? (Choose two.)

- A. DECIMAL
- B. DOUBLE **Most Voted**
- C. NUMBER
- D. NUMERIC
- E. REAL **Most Voted**

What ensures that a user with the role SECURITYADMIN can activate a network policy for an individual user?

- A. A role that has been granted the EXECUTE TASK privilege
- B. A role that has been granted the global ATTACH POLICY privilege
- C. Ownership privilege on only the role that created the network policy
- D. Ownership privilege on both the user and the network policy <mark>Most Voted</mark>

Which function can be combined with the copy command to unload a relational table into a JSON file?

- A. FLATTEN
- B. LISTAGG
- C. OBJECT_CONSTRUCT <mark>Most Voted</mark>
- D. PARSE_JSON

A user needs to MINIMIZE the cost of large tables that are used to store transitory data. The data does not need to be protected against failures, because the data can be reconstructed outside of Snowflake.

What table type should be used?

- A. Permanent
- B. Transient <mark>Most Voted</mark>
- C. Temporary
- D. External

While loading data from a JSON file, what enables the removal of the outer array structure from the file and loads the records into separate table rows?

- A. SKIP_BYTE_ORDER_MARK
- B. STRIP_NULL_VALUE
- C. STRIP_OUTER_ARRAY
- D. STRIP_OUTER_ELEMENT

Which functions can be used to share unstructured data through a secure view? (Choose two.)

- A. BUILD_SCOPED_FILE_URL <mark>Most Voted</mark>
- B. BUILD_STAGE_FILE_URL
- C. GET_ABSOLUTE_PATH
- D. GET_PRESIGNED_URL <mark>Most Voted</mark>
- E. GET_RELATIVE_PATH

Which function will return a row for each for each object in a VARIANT, OBJECT, or ARRAY column?

- A. CAST

- **B. FLATTEN**
- C. GET
- D. PARSE_JSON

What is the MINIMUM size of a table for which Snowflake recommends considering adding a clustering key?

- A. 1 Kilobyte (KB)
- B. 1 Megabyte (MB)
- C. 1 Gigabyte (GB)
- **D. 1 Terabyte (TB)**

For the ALLOWED_VALUES tag property, what is the MAXIMUM number of possible string values for a single tag?

- A. 10
- **B. 50**
- C. 64
- D. 256

Which Snowflake table type is only visible to the user who creates it, can have the same name as permanent tables in the same schema, and is dropped at the end of the session?

- **A. Temporary**
- B. Local
- C. User
- D. Transient

What is a characteristic of a role in Snowflake?

- A. Roles cannot be granted to other roles.
- B. System-defined roles can be dropped.
- C. Privileges granted to system roles by Snowflake can be revoked.
- **D. Privileges on securable objects can be granted and revoked to a role.** Most Voted

What command would a user execute to load unstructured data files into a Snowflake internal stage?

- **A. PUT** Most Voted
- B. GET
- C. LIST
- D. COPY INTO

How do managed access schemas help with data governance?

- A. They log all operations and enable fine-grained auditing.
- B. They provide centralized privilege management with the schema owner.
- C. They enforce identical privileges across all tables and views in a schema.
- D. They require the use of masking and row access policies across every table and view in the schema.

What is the default period of time the Warehouse Activity section provides a graph of Snowsight activity?

- A. 2 hours
- B. 1 week
- C. 2 weeks Most Voted
- D. 1 month

A Snowflake user wants to unload data from a relational table sized 5 GB using CSV. The extract needs to be as performant as possible.

What should the user do?

- A. Use Parquet as the unload file format, using Parquet's default compression feature.
- B. Use a regular expression in the stage specification of the COPY command to restrict parsing time.
- C. Increase the default MAX_FILE_SIZE to 5 GB and set SINGLE = true to produce a single file.
- D. Leave the default MAX_FILE_SIZE to 16 MB to take advantage of parallel operations. Most Voted

How is the MANAGE GRANTS privilege applied?

- A. Globally Most Voted
- B. At the database level
- C. At the schema level
- D. At the table level

What is required for a query execution to be served from the result cache?

- A. The user is the same.
- B. The SQL texts the same.
- C. The SQL query profile is the same.
- D. The virtual warehouse is the same.

Which Snowflake URL type is used by directory tables?

- A. File Most Voted

- B. Pre-signed
- C. Scoped
- D. Virtual-hosted style

At which point is data encrypted when using a PUT command?

- A. When it reaches the virtual warehouse
- B. When it gets micro-partitioned
- C. Before it is sent from the user's machine **Most Voted**
- D. After it reaches the internal stage

Which privileges are required for a user to restore an object? (Choose two.)

- A. UPDATE
- B. OWNERSHIP
- C. MODIFY
- D. UNDROP
- E. CREATE

For a multi-cluster virtual warehouse, which parameters are used to calculate the number of credits billed? (Choose two.)

- A. Cache size
- B. Warehouse size **Most Voted**
- C. Number of clusters **Most Voted**
- D. Volume of data processed
- E. Number of queries executed

What happens when the values for both an ALLOWED_IP_LIST and a BLOCKED_IP_LIST are used in a network policy?

- A. Snowflake ignores the BLOCKED_IP_LIST first.
- B. Snowflake applies the BLOCKED_IP_LIST first. **Most Voted**
- C. Snowflake applies the ALLOWED_IP_LIST first.
- D. Snowflake ignores the ALLOWED_IP_LIST first.

What does the orange bar on an operator represent when reviewing the Query Profile?
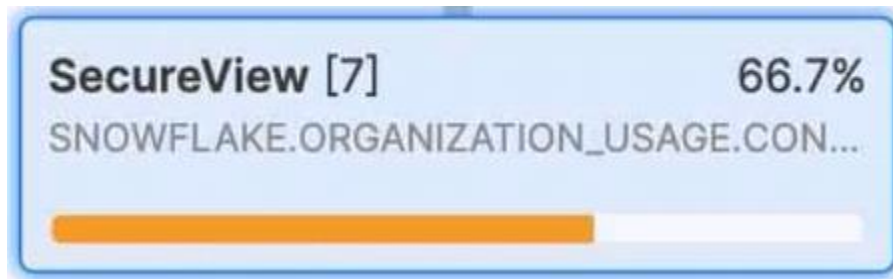
- A. A measure of progress of the operator's execution.
- B. The fraction of time that this operator consumed within the query step.
- C. The cost of the operator in terms of the virtual warehouse CPU utilization.
- D. The fraction of data scanned from cache versus remote disk for the operator.

When unloading data from Snowflake, what is the default file size of each file?

- A. 16 MB **Most Voted**
- B. 32 MB
- C. 64 MB
- D. 5 GB

What is the abbreviated form to get all the files in the stage for the current user?

- A. LIST @~;
- B. LS @~;
- C. LS @usr;
- D. SHOW @%;

Which features make up Snowflake's column level security? (Choose two.)

- A. Continuous Data Protection (CDP)
- B. Dynamic Data Masking **Most Voted**
- C. External Tokenization **Most Voted**
- D. Key pair authentication
- E. Row access policies

Which programming languages are supported for Snowflake User-Defined Functions (UDFs)? (Choose two.)

- A. C#
- B. JavaScript **Most Voted**
- C. PHP

- D. Python <mark>Most Voted</mark>
- E. TypeScript
-

What is the MAXIMUM number of days that Snowflake resets the 24-hour retention period for a query result every time the result is used?

- A. 1 day
- B. 10 days
- C. 31 days
- D. 60 days

There are 300 concurrent users on a production Snowflake account using a single cluster virtual warehouse. The queries are small, but the response time is very slow.

What is causing this to occur?

- A. The warehouse is queuing the queries, increasing the overall query execution time.
- B. The warehouse parameter STATEMENT_QUEUED_TIMEOUT_IN_SECONDS is set too low.
- C. The application is not using the latest native ODBC driver which is causing latency.
- D. The queries are not taking advantage of the data cache.

Which Snowflake edition offers the highest level of security for organizations that have the strictest requirements?

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

What is the MAXIMUM size limit for a record of a VARIANT data type?

- A. 8 MB
- B. 16 MB
- C. 32 MB
- D. 128 MB

What criteria does Snowflake use to determine the current role when initiating a session? (Choose two.)

- A. If a role was specified as part of the connection and that role has been granted to the Snowflake user, the specified role becomes the current role.

- B. If no role was specified as part of the connection and a default role has been defined for the Snowflake user, that role becomes the current role.
- C. If no role was specified as part of the connection and a default role has not been set for the Snowflake user, the session will not be initiated and the log in will fail.
- D. If a role was specified as part of the connection and that role has not been granted to the Snowflake user, it will be ignored and the default role will become the current role.
- E. If a role was specified as part of the connection and that role has not been granted to the Snowflake user, the role is automatically granted and it becomes the current role.

What command should be used to move data from a Snowflake database table into one or more files in an external stage?

- A. GET
- B. COPY INTO
- C. PUT
- D. SHOW

How does a Snowflake user reference a directory table created on stage mystage in a SQL query?

- A. SELECT * FROM @mystage::DIRECTORY
- B. SELECT * FROM DIRECTORY (@mystage) **Most Voted**
- C. SELECT * FROM TO_TABLE (DIRECTORY @mystage)
- D. SELECT * FROM TABLE (@mystage DIRECTORY)

Why would a Snowflake user create a secure view instead of a standard view?

- A. The secure view is only available to end users with the corresponding SECURE_ACCESS property.
- B. End users are unable to see the view definition, and internal optimizations differ with a secure view. **Most Voted**
- C. With a secure view, the underlying data is replicated to a separate storage layer with enhanced encryption.
- D. Secure views support additional functionality that is not supported for standard views, such as column masking and row level access policies.

Which command can be added to the COPY command to make it load all files, whether or not the load status of the files is known?

- A. FORCE = TRUE **Most Voted**
- B. FORCE = FALSE
- C. LOAD_UNCERTAIN_FILES = TRUE
- D. LOAD_UNCERTAIN_FILES = FALSE

How can a Snowflake user improve long-running query performance?

- A. Reduce the virtual warehouse size.
- B. Cluster the underlying table being queried.
- C. Disable the result cache.
- D. Add ORDER BY to the query.

Which Snowflake feature allows administrators to identify unused data that may be archived or deleted?

- A. Access history *Most Voted*
- B. Data classification
- C. Dynamic Data Masking
- D. Object tagging

Which SQL commands should be used to write a recursive query if the number of levels is unknown? (Choose two.)

- A. CONNECT BY *Most Voted*
- B. LISTAGG
- C. MATCH RECOGNIZE
- D. QUALIFY
- E. WITH *Most Voted*

What information is stored in the ACCESS_HISTORY view?

- A. History of the files that have been loaded into Snowflake
- B. Names and owners of the roles that are currently enabled in the session
- C. Query details such as the objects included and the user who executed the query *Most Voted*
- D. Details around the privileges that have been granted for all objects in an account

Which Snowflake database object can be shared with other accounts?

- A. Tasks
- B. Pipes
- C. Secure User-Defined Functions (UDFs)
- D. Stored Procedures

Which identity providers are valid type values for federated authentication on the SAML_IDENTITY_PROVIDER parameter? (Choose two.)

- A. Identity Access Management (IAM)
- B. Microsoft Active Directory Federation Services (AD FS)

- C. OAuth
- **D. Okta**
- E. PingFederate

A Snowflake user wants to share data using my_share with account xy12345.

Which command should be used?

- A. grant usage on share my_share to account xy12345;
- B. grant select on share my_share to account xy12345;
- **C. alter share my_share add accounts = xy12345;** Most Voted
- D. alter account xy12345 add share my_share;

What role is required to use Partner Connect?

- **A. ACCOUNTADMIN** Most Voted
- B. ORGADMIN
- C. SECURITYADMIN
- D. SYSADMIN

How can a Snowflake user configure a virtual warehouse to support over 100 users if their company has Enterprise Edition?

- A. Add additional warehouses and configure them as a cluster.
- B. Set the auto-scale to 100.
- **C. Use a multi-cluster warehouse.** Most Voted
- D. Use a larger warehouse.

How is table data compressed in Snowflake?

- **A. Each column is compressed as it is stored in a micro-partition.** Most Voted
- B. Each micro-partition is compressed as it is written into cloud storage using GZIP.
- C. The micro-partitions are stored in compressed cloud storage and the cloud storage handles compression.
- D. The text data in a micro-partition is compressed with GZIP but other types are not compressed.

What will be the output of the below query against the table name gold_data?

select * from gold_data tablesample (100);

- A. It will return an empty sample.
- B. It will return a random 100 rows.
- **C. It will return an entire table.** Most Voted

- D. It will produce an error message.

A Snowflake query took 40 minutes to run. The results indicate that 'Bytes spilled to local storage' was a large number.

What is the issue and how can it be resolved?

- A. The warehouse is too large. Decrease the size of the warehouse to reduce the spillage.
- B. The warehouse is too small. Increase the size of the warehouse to reduce the spillage.
- C. The Snowflake console has timed-out. Contact Snowflake Support.
- D. The warehouse consists of a single cluster. Use a multi-cluster warehouse to reduce the spillage.

What is the MOST efficient way to load streaming data into Snowflake?

- A. Use the COPY command.
- B. Use Snowpipe.
- C. Use the Load Data Wizard.
- D. Use tasks and streams.

Which COPY INTO statement accurately describes how to unload data from a Snowflake table?

- A. The default value for the SINGLE option is set to TRUE.
- B. By default, COPY INTO statements do not separate table data into a set of output files.
- C. The OBJECT_CONSTRUCT function can be combined with the COPY command to convert the rows in a relational table to a single VARIANT column. Most Voted
- D. If the COMPRESSION option is set to TRUE, a file's name can be specified with the appropriate file extension so that the output file can be compressed.

What command is used to download data from a Snowflake stage?

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

By default, which role has privileges to create tables and views in an account?

- A. PUBLIC
- B. SECURITYADMIN
- C. SYSADMIN

- D. USERADMIN

What does Snowflake recommend as a best practice for using secure views?

- A. Use sequence-generated values.
- B. Programmatically reveal the identifiers.
- C. Use secure views solely for query convenience.
- D. Do not expose the sequence-generated column(s). **Most Voted**

What is the Fail-safe period for a transient table in the Snowflake Enterprise edition and higher?

- A. 0 days **Most Voted**
- B. 1 day
- C. 7 days
- D. 14 days

How does a Snowflake user enable Multi-Factor Authentication (MFA)?

- A. The user must enroll themselves through the web interface. **Most Voted**
- B. The user must submit their encrypted private key to Snowflake.
- C. The user must sign up with Duo Mobile for approval to use the service.
- D. The user must configure Snowflake to use Single Sign-On (SSO).

What allows a user to limit the number of credits consumed within a Snowflake account?

- A. Tracking account usage
- B. Creating resource monitors
- C. Automatic virtual warehouse scaling
- D. Automatic clustering

Which statement accurately describes Snowflake's architecture?

- A. It uses a local data repository for all compute nodes in the platform.
- B. It is a blend of shared-disk and shared-everything database architectures.
- C. It is a hybrid of traditional shared-disk and shared-nothing database architectures.
- D. It reorganizes loaded data into internal optimized, compressed, and row-based format.

Which Snowflake SQL command is used to get a subset of rows randomly from a table?

- A. GENERATOR
- B. LATERAL
- C. PIVOT
- D. SAMPLE

Which statement accurately describes how a virtual warehouse functions?

- A. Increasing the size of a virtual warehouse will always improve data loading performance.
- B. Each virtual warehouse is an independent compute cluster that shares compute resources with other warehouses.
- C. Each virtual warehouse is a compute cluster composed of multiple compute nodes allocated by Snowflake from a cloud provider.
- D. All virtual warehouses share the same compute resources so performance degradation of one warehouse can significantly affect all the other warehouses.

Which Snowflake object can be used to record DML changes made to a table?

- A. Snowpipe
- B. Stage
- C. Stream
- D. Task

Which statistic displayed in a Query Profile is specific to external functions?

- A. Bytes written
- B. Total invocations
- C. Partitions scanned
- D. Bytes sent over the network

If there is queueing in the virtual warehouse load monitoring chart, what should a Snowflake user do?

- A. Decrease the warehouse size.
- B. Decrease the MIN_CLUSTER_COUNT parameter.
- C. Change the multi-cluster settings to add additional clusters.
- D. Start a separate warehouse and move queued queries there.

How long is the load history stored in the metadata of the pipe in Snowpipe?

- A. 2 days
- B. 7 days
- C. 14 days
- D. 64 days

What are the key characteristics of ACCOUNT_USAGE views? (Choose two.)

- A. There is no data latency.
- B. The data latency can vary from 45 minutes to 3 hours. **Most Voted**

- C. The historical data is not retained.
- D. The historical data can be retained from 7 days to 6 months.
- E. Records for dropped objects are included in each view. Most Voted

How does a scoped URL expire?

- A. When the data cache clears.
- B. When the persisted query result period ends. Most Voted
- C. The encoded URL access is permanent.
- D. The length of time is specified in the expiration_time argument.

What are the available Snowflake scaling modes for configuring multi-cluster virtual warehouses? (Choose two.)

- A. Auto-Scale Most Voted
- B. Economy
- C. Maximized Most Voted
- D. Scale-Out
- E. Standard

Which loop type iterates until a condition is true?

- A. FOR
- B. LOOP
- C. REPEAT Most Voted
- D. WHILE

Which property needs to be added to the ALTER WAREHOUSE command to verify the additional compute resources for a virtual warehouse have been fully provisioned?

- A. QUERY_ACCELERATION_MAX_SCALE_FACTOR
- B. RESOURCE_MONITOR
- C. SCALING_POLICY
- D. WAIT_FOR_COMPLETION

How is enhanced authentication achieved in Snowflake? (Choose two.)

- B. Snowflake-managed keys
- C. Object level access control
- D. Multi-Factor Authentication (MFA)
- E. Federated authentication and Single Sign-On (SSO)

What are the native data types that Snowflake provides to store semi-structured data? (Choose two.)

- A. ARRAY
- B. JSON
- C. ORC
- D. Parquet
- E. VARIANT

How long is the Fail-safe period for recovering historical data from permanent tables?

- A. 1 day
- B. 3 days
- C. 7 days
- D. 14 days

What does the average_overlaps in the output of SYSTEM$CLUSTERING_INFORMATION refer to?

- A. The average number of micro-partitions stored in Time Travel.
- B. The average number of partitions physically stored in the same location.
- C. The average number of micro-partitions which contain overlapping value ranges.
- D. The average number of micro-partitions in the table associated with cloned objects.

If queries start to queue in a multi-cluster virtual warehouse an additional compute cluster starts immediately under what setting?

- A. Auto-scale mode
- B. Maximized mode
- C. Economy scaling policy
- D. Standard scaling policy

When floating-point number columns are unloaded to CSV or JSON files, Snowflake truncates the values to approximately what?

- A. (12,2)
- B. (10,4)
- C. (14,8)
- D. (15,9)

By definition, a secure view is exposed only to users with what privilege?

- A. IMPORT SHARE
- B. OWNERSHIP
- C. REFERENCES
- D. USAGE

What happens when a user exits Snowsight during a session that a query is running?

- A. Snowflake executes the query during the same session immediately.
- B. Snowflake cancels any queries submitted during this session that are still running.
- C. Snowflake will cancel any queries submitted during this session after 24 hours.
- D. Snowflake will continue to execute and complete upon the next login.

Which columns are available in the output of a Snowflake directory table? (Choose two.)

- A. CATALOG_NAME
- B. FILE_NAME
- C. LAST_MODIFIED
- D. RELATIVE_PATH
- E. STAGE_NAME

What Snowflake object records Data Manipulation Language (DML) changes so that actions can be taken using the changed data?

- A. Pipe
- B. Stream
- C. Task

By default, the COPY INTO statement will separate table data into a set of output files to take advantage of which Snowflake feature?

- A. Query acceleration
- B. Query plan caching
- C. Parallel processing
- D. Time Travel

By default, the COPY INTO statement will separate table data into a set of output files to take advantage of which Snowflake feature?

- A. Query acceleration
- B. Query plan caching
- C. Parallel processing
- D. Time Travel

Which file functions are non-deterministic? (Choose two.)

- A. BUILD_SCOPED_FILE_URL
- B. BUILD_STAGE_FILE_URL
- C. GET_ABSOLUTE_PATH

- D. GET_PRESIGNED_URL
- E. GET_RELATIVE_PATH

How can a Snowflake user optimize query performance in Snowflake? (Choose two.)

- A. Create a view.
- B. Cluster a table.
- C. Enable the search optimization service.
- D. Enable Time Travel.
- E. Index a table.

What is the MINIMUM role required to set the value for the parameter ENABLE_ACCOUNT_DATABASE_REPLICATION?

- A. ACCOUNTADMIN
- B. SECURITYADMIN
- C. SYSADMIN
- D. ORGADMIN

1. What does a credit quota represent in a Snowflake resource monitor

a. Credits used for cloud storage

b. Credits used for multi-clustering

c. Credits consumed by user-managed virtual warehouses

d. Credits used for transferring data from the cloud to Snowflake

e. Credits consumed by virtual warehouses used by cloud services

2. What common query issues can be identified using the Query Profile? (Select TWO)

a. Data classification

b. Exploding joins

C. Unions

d. Inefficient pruning

e. Data masking

3. Which of the following objects are contained within a schema

a. Role

b. Stream

c. Warehouse

d. External table

e. User

f. Share

5. Which function returns the URL of a stage using the stage name as the input?

a. BUILD STAGE FILE URL

b. BUILD SCOPED FILE_URL

c. GET PRESIGNED URL

d. GET STAGE LOCATION

6. The ACCESS HISTORY view in Snowflake provides which benefits relating to read and write operations?

a. A history of how data has been unloaded

b. The ability to track query execution times

c. A history of how data has been loaded

d. The ability to track how sensitive data has moved

7. If there is queueing in the virtual warehouse load monitoring chart

a. Decrease the MIN CLUSTER COUNT parameter

b. Change the multi-cluster settings to add additional clusters

c. Start a separate warehouse and move queued queries there

d. Decrease the warehouse size.

9. What metadata does Snowflake store concerning all rows stored in

a. A count of the number of total values in the micro-partition

b. The range of values for each partition in the micro-partition

c. The range of values for each of the rows in the micro-partition

d. The range of values for each of the columns in the micro-partition

e. The number of distinct values for each column in the micro-partition

10. Which Snowflake architecture layer manages query parsing and optimization?

a. Query Processing

b. Cloud Services

c. Metadata Services

d. Database Storage

11. What is the MAXIMUM number of days that Snowflake resets the 24-hour retention period for a query result every time the results is used

a. 1 day

b. 10 days

c. 31 days

d. 60 days

12. What are the key characteristics of ACCOUNT USAGE views? (Select TWO).

a. There is no data latency.

b. The data latency can vary from 45 minutes to 3 hours.

c. The historical data is not retained.

d. The historical data can be retained from 7 days to 6 months.

e. Records for dropped objects are included in each view.

13. Which statements reflect valid commands when using secondary roles? (Select TWO).

a. USE SECONDARY ROLES RESUME

b. USE SECONDARY ROLES SUSPEND

c. USE SECONDARY ROLES ALL

d. USE SECONDARY ROLES ADD <Role Name>

e. USE SECONDARY ROLES NONE

14. What activities can be monitored by a user directly from Snowsight's Activity tab without using the Account_usage views? Select two

a. Login history

b. Query history

c. Copy history

d. Event usage history

e. Virtual warehouse metering history

15.What table functions in the Snowflake Information Schema can be queried to retrieve information about directory tables?

a. AUTO_REFRESH_REGISTRATION_HISTORY

b. EXTERNAL_TABLE_FILE_REGISTRATION_HISTORY

c. EXTERNAL TABLE FILES

d. MATERIALIZED_VIEW_REFRESH_HISTORY

e. STAGE DIRECTORY_FILE_REGISTRATION_HISTORY

16. A user is unloading data to a stage using this command:

copy into @mystage from (select object construct('id', 1,……..)

What will the output file in the stage be?

a. Multiple compressed JSON files with a single VARIANT column

b. A single uncompressed JSON file with multiple VARIANT columns

c. A single compressed JSON file with a single VARIANT column

d. Multiple uncompressed JSON files with multiple VARIANT columns

17. What happens when an external or an internal stage is dropped? (Select TWO)

a. When dropping an internal stage, the files are deleted with the stage and the files are not recoverable

b. When dropping an internal stage, only selected files are deleted with the stage and are not recoverable

c. When dropping an external stage, the files are not removed and only the stage is dropped

d. When dropping an external stage, both the stage and the files within the stags are removed

e. When dropping an internal stage, the files are deleted with the stage and the file are recoverable

18. What is the advantage of using a reader account?

a. It can be used by a client that does not have a Snowsight

b. It is read-only and prevents the shared data from being updated

c. It can be connected to a Snowflake account in a different region.

d. It provides limited access to the data share and is therefore cheaper for the das

19. What is the PRIMARY factor that determines the cost of using a virtual warehouse in snowflake

a. The number of tables or databases queried

b. The amount of data stored in the warehouse

c. The type of SQL statements executed

d. The length of time the compute resources in each cluster run

20. What are reasons for using the VALIDATE function in Snowflake after a copy into command execution?

a. To validate the files that have been loaded earlier using the COPY INTO command

b. To fix errors that were made during the execution of the COPY INTO command

c. To return errors encountered during the execution of the COPY INTO Command

d. To identify potential issues in the COPY INTO command before it is executed

21. By default, which role has access to the SYSTEM$GLOBAL_ACCOUNT_SET_PARAMETER

a. ACCOUNTADMIN

b. SECURITYADMIN

c. SYSADMIN

d. ORGADMIN

22. What file formats are supported to unload data in Snowflake using the copy command.

a. Structured-fixed width

b. Structured-delimited files

c. Semi-structured files

d. Unstructured files

23. What is the MINIMUM permission needed to access to file url from an external stage

a. MODIFY

b. READ

c. SELECT

d. USAGE

24. By default, each account has one user who has been designated as an account administrator (i.e. user granted the system-defined ACCOUNTADMIN role).

25.A valid source of an external stage when the snowflake account is located on Microsoft azure

26. information about disk usage for operation where intermediate results do not fit in memory in a query profile-spilling(GET_QUERY_OPERATOR_STATS)

27.what allows a snowflake role to run code with more privileges than it has been granted – custom role

28.what criteria does snowflake use to determine the current role when initiating a session.-users can change roles within a session at any time

1.What is a characteristic of materialized views in snowflake?

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.

2.What is used to diagnose and troubleshoot network connections to snowflake?

A. SnowCD

B. Snowpark

C. Snowsight

D. SnowSQL

3.Which file format will keep floating-point numbers from being truncated when data is unloaded?

A. CSV

B. JSON

C. ORC

D. Parquet

4. which key governance feature in snowflake allows users to identify data objects that contain sensitive data?

A. Object tagging

B. Data classification

C. Row access policy

D. Column-level security

5. How can an administrator check for updates (for example, SCIM API requests) sent to snowflake by the identity provider?

A. ACCESS_HISTORY

B. LOAD_HISTORY

C. QUERY_HISTORY

D. REST_EVENT_HISTORY

6. Which use case does the search optimization service support?

A. Disjuncts (OR) in join predicates

B. LIKE/ILIKE/RLIKE JOIN predicates

C. Join predicates on VARIANT columns

D. Conjunctions (AND) of multiple equality predicates

7. Which snowflake edition facilitates private communication between the VPC/VNET?

A. Standard

B. Enterprise

C. Business Critical
D. Virtual Private Snowflake (VPS)

8. A snowflake user needs to import a JSON file larger than 16 MB
What file format option could be used?
trim_space = true
compression = auto
strip_outer_array = true
strip_outer_array = false

10. Which features are provided ONLY by materialized views as compared to regular views? (Select TWO)
    A. Performance benefits
    B. Security benefits
    C. Simplified query logic
    D. Supports clustering
    E. Supports hiding column-level data

11. What technique does snowflake recommended for determining which virtual warehouse size to select?
    A. Always start with an X-Small and increase the size if the query does not complete in 2 minutes
    B. Experiment by running the same queries against warehouses of different sizes.
    C. Use the default size snowflake chooses.
    D. Use X-Large or above for tables larger than 1 GB.

12. A query profile shows a UnionAll operator with an extra aggregate operator on top
What does this signify?
Exploding joins
Inefficient pruning
UNION without ALL
Queries that are too large to fit in memory

13. Which URL type allows users to access unstructured data without authenticating into snowflake or passing an authorization token?
    A. pre-signed URL
    B. Scoped URL
    C. Signed URL
    D. File URL

14. Which of the following terms best describes snowflake's database architecture?
    A. Columnar shared nothing
    B. Shared disk

C. Multi-cluster, shared data
D. Cloud-native shared memory

16. What is the default period of time the warehouse activity section provides a graph of snowsight activity?
    A. 2 hours
    B. 1 week
    C. 2 weeks
    D. 1 month

17. other than ownership what privileges does a user need to view and modify resource monitors in snowflake? (Choose two.)
    A. ALTER
    B. MONITOR
    C. MODIFY
    D. CREATE
    E. DROP

18. Which functions can be used to share unstructured data through a secure view? (Choose two.)
    A. BUILD_SCOPED_FILE_URL
    B. BUILD_STAGE_FILE_URL
    C. GET_ABSOLUTE_PATH
    D. GET_PRESIGNED_URL
    E. GET_RELATIVE_PATH

19. What is the MINIMUM size of a table for which snowflake recommends considering adding a clustering key?
    A. 1 KILOBYTE(KB)
    B. 1 MEGABYTE(MB)
    C. 1 GIGABYTE(GB)
    D. 1 TERABYTE(TB)

20. Which snowflake architectural layer is responsible for a query execution plan?
    A. Compute
    B. Data storage
    C. Cloud Services
    D. Cloud provider

21. 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.

22. Which file function provides a URL with access to a file on a stage without the need for authentication and authorization?

    A. GET_RELATIVE_PATH

    B. GET_PRESIGNED_URL

    C. BUILD_STAGE_FILE_URL

    D. BUILD_SCOPED_FILE_URL

23. What is the MINIMUM role required to set the value for the parameter ENABLE_ACCOUNT_DATABASE_REPLICATION?

    A. ACCOUNT ADMIN

    B. SECURITYADMIN

    C. SYSADMIN

    D. ORGADMIN

24. Which of the following is a valid source for an external stage when the snowflake account is located on Microsoft azure?

    A. An FTP server with TLS encryption.

    B. An HTTPS server with WebDAV.

    C. A Google cloud storage bucket.

    D. A window server file share on Azure.

25. What does it mean when the sample function uses the Bernoulli sampling method?

    A. The data is based on sampling every row.

    B. The data is based on sampling 10% of the source data.

    C. The data is based on sampling blocks of the source data.

    D. The data is based on sampling 1000 rows of the source data.

26. What is a best practice after creating a custom role?

    A. Create the custom role using the SYSADMIN role.

    B. Assign the custom role to the SYSADMIN role.

    C. Assign the custom role to the PUBLIC role.

    D. Add_CUSTOM to all custom role names.

27.

Which of the following are characteristics of Snowflake virtual warehouses ? (Choose two)

    A. Auto-resume applies only to the last warehouse that was started in a multi-cluster warehouse.

    B. The ability to auto-suspend a warehouse is only available in the Enterprise edition or above.

C. SnowSQL supports both a configuration file and a command line option for specifying a default warehouse.

    D. A user cannot specify a default warehouse when using the ODBC driver.

    E. The default virtual warehouse size can be changed at any time.

28.
The Information Schema and Account Usage Share provide storage information for which of the following objects ? (Choose three.)

A. Users

B. Tables

C. Databases

D. Internal Stages

29. What are the main differences between the account usage views and the information schema views? (Choose two.)

A. No active warehouse is needed to query account usage views but one is needed to query information schema views.

B. Account usage views do not contain data about tables but information schema views do

C. Account usage views contain dropped objects but information schema views do not.

D. Data retention for account usage views is 1 year but is 7 days to 6 months for information schema views, depending on the view.

E. Information schema views are read-only but account usage views are not.

31. Which command is used to set up continuous loading of data files from an ingestion queue into tables? – Snowpipe COPY INTO <table>

32. Which semi structured data formats can be loaded into snowflake with a copy command?

Ans. JSON, Avro, ORC, Parquet and XML

33. How does snowflake recognize data when it is loaded?

Ans. When a COPY statement is executed, snowflake sets a load status in the table metadata for the data files referenced in the statement

2. which native types used to store semi structure data in snowflake?

A. number

B. variant

C. object

D. varchar

E. Boolean

3. which privileges apply to store procedure?

A. modify

B. monitor
C. operate
D. usage
E. ownership

4. Which one of the following interprets an input string as a JSON document and producing a VARIANT value?
A. parse_json
B. check_json
C. try_parse_json
D. json_extract_path_text

5. which activities are included in cloud service layer?
A. Data Storage
B. user authentication
C. query execution
D. infrastructure management

7. Which commands can only be executed using snowsql?
A. remove
B. list
C. get
D. copy into
E. put

8. Which of the following is an example of an operation that can be completed without requiring Compute, assuming no queries have been executed previously? Select one
SELECT SUM(ORDER_AMT) FROM SALES;
SELECT AVG(ORDER_QTY) FROM SALES;
SELECT MIN(ORDER_AMT) FROM SALES;
SELECT ORDER_AMT * ORDER_QTY FROM SALES;

9. Maximum varchar and variant data size – 16MB

10. Unstructured data unloading formats – JSON, Parquet.

11. Load file using copy command with status unknown – LOAD_UNCERTIAN_FILES = TRUE

12. How does snowflake reorganize data when it is loaded?
A. Binary format
B. Columnar format
C. Compressed format

D. Raw format

E. Zipped format

13. What role is required to use partner connect?

A. ACCOUNTADMIN

B. ORGADMIN

C. SECURITYADMIN

D. SYSADMIN

15. Who can view all the accounts for an organization: Ans ORGADMIN

16. Which layer in snowflake contains data in compressed, columnar format

A. Cloud services

B. Query processing

C. Database storage

D. None

17. What is the retention period of Account Usage?

A. 7 days

B. 14 days

C. 64 days

 D. 90 days

E. 365 days

18 What does search optimization service support?

A. external table

B. materialized views

C. Tables and views that are not provided by row access policies

D. casts on table columns

19. which clients does support multi factor authentication token?

A. Go driver

B. odbc driver

C. spark connector

D. node js driver

E. python connector

20. What is the Snowflake recommended parquet file size when querying from external tables

A. 1-16 MB

B. 16-128 MB

C. 100-250 MB

D. 256-512 MB

2. Which command is used to unload files from an internal or external stage to a local file system?

A. COPY INTO

B. GET

C. PUT

D. TRASFER

3. Which clients does snowflake support MFA?

A. GO driver

B. Node.js driver

C. ODBC driver

D. Python connector

E. Spark connector

4. At which point data encrypted when using a PUT command?

A. When it reaches the virtual warehouse

B. When it gets micro partition

C. Before it is sent from the user's machine

D. After it reaches the internal stage

5. How can a snowflake user optimize query performance in snowflake?

A. Create view

B. Cluster a table

C. Enable the search optimization service

D. Enable Time travel

E. Index a table

7. What type of columns does snowflake recommend to be used as a clustering key?

A. A VARIENT column

B. A column with very low cardinality

C. A column with very high cardinality

D. A column that is most actively used in selective filter

9. How does snowflake recommend handling the bulk loading of data batches from files

A. Use Snow-pipe

B. Use the INSERT command

C. Use an external table

D. Use the COPY command

11. Which function should be used to insert JSON formatting string data into a VARIENT filed?

A. FLATTEN

B. CHECK_JSON
C. PARSE_JSON
D. TO_VARIANT

12. Which data object can be shared with the snowflake secure data sharing feature?
A. Files
B. External tables
C. Secure User-Defines functions
D. Sequences
E. Stream

13. Which Snowflake object helps evaluate virtual warehouse performance impacted query?
A. Resource monitor
B. Account_usage.query_history
C. Information_schema.warehouse_load_history
D. Information_schema.warehouse_metering_history

14. Which file function generates a snowflake – hosted file URL to a stage file using the stage name?
A. BUILD_STAGE_FILE_URL
B. GET_ABSOULUTE_PATH
C. GET_RELATIVE_PATH
D. GET_STAGE_LOCATION

15. What is the difference between a stored procedure and user define Functions?
A. Stored procedure can execute database operation while UDFs can not
B. Returning a value is required in a stored procedure while returning value in UDF is not
C. Values returned by a stored procedure can be used directly in SQL statement while the values return by UDF can not
D. Multiple stored procedure can be called as part of single statement while a single SQL statement called by UDF

16. When reviewing a query profile, what is a symptom that a query is too large to fit into the memory?
A. Single join node uses more than 50% of the query time
B. Partitions scanned is equal to partitions total
C. Aggregate Operator node is present
D. The query is spilling to remote storage

1. which privilege is required for a role to be able to resume a suspended warehouse, if auto-resume is not enabled?

A. USAGE
B. MONITOR
C. OPERATE
D. MODIFY

Q.2 what data type does snowflake support while querying semi structure data?(2)
A. XML
B. VARIANT
C. VARCHAR
D. ARRAY
E. BLOB

Q.3 how user can address query concurrency issue?
A. adding more cluster
B. enable search optimization
C. resize warehouse size to larger size
D. None of above

Q.5 Which of the following objects are sharable through data sharing in snowflake?(2)
A. External table
B. Sequence
C. Stream
D. Secure user defined function(UDF)
E. Store Procedures

Q.6 What operation can be perform using Time Travel feature?
A. Restoring data that has been dropped
B. Extending data retention period of a permanent table from 90 to 120 days.
C. creating clone of a table.
D. All of above

Q.7 When unloading data to an external stage , what is maximum file size supported?
A. 1 GB
B. 5 GB
C. 10 GB
D. 16 GB

Q.11 Which types of URLs are provided by Snowflake to access unstructured data files?
(2)
A. file url
B. scoped url
C. dynamic url
D. absolute url

E. relative url

Q.12 What are the benefits of replication features of snowflake?(2)
A. Disaster recovery
B. time travel
C. fail-safe
D. database failover and failback
E. data security

Q.14 What does snowflake recommend as a best practice for using secure view?
A. use sequence generated view
B. programmatically reveal the identifiers
C. use secure views solely for query convenience
D. Do not expose the sequence generated column

Q.16 How does snowflake handle bulk unloading of data into single or multiple files.
A. it assigns each unloading data files a unique name
B. it uses put command to download the data by default
C. it uses copy into <location> command where the default option is SINGLE = TRUE.
D. it uses copy into <table> command

Q.19 True of False: ORGADMIN can view the account properties but does not have access to the account data.
A. True
B. False

Q.20 which view helps us to calculate virtual warehouse performance metrics such as throughput and latency for specific statement types?
A. calculate_performance
B. result_scan
C. query_history
D. query_accleration_history

25   True or False: The PUT command can be run through
        the Snowflake Web Interface (UI).

        True

        False

28   When can a Virtual Warehouse start running queries?
        Select one.

12am-5am

Only during administrator defined time slots

==When its provisioning is complete==

After replication

63   True or False: Multi-Factor Authentication (MFA) is
        available only to customers with Enterprise edition
        and above.

        TRUE

        ==FALSE==

67   How are Snowpipe charges calculated? Select one.

        Per-second/per Warehouse size

        ==Per-second/per-core granularity==

        Number of Pipes in account

        Total storage bucket size

69   True or False: Snowflake allows its customers to
        directly access the micro-partition files that make up
        its tables.

        TRUE

        ==False==

71   What is the recommended method for loading data
        into Snowflake? Select one.

        Load row by row

        ==Load data in batch==

        Load data by writing it in the Snowflake Web
        Interface (UI)

        Load data via frequent, single row DML's

74   True or False: The COPY command supports regular
      expressions to filter the population of files to be
      loaded.

      TRUE

      False

77   Which of the following are use cases that fit well in
      Snowflake? Choose 3 answers

      Data Lake

      Enterprise Data Warehouse

      Online Transaction Processing

      Datamart Consolidation

79   True or False: A Snowflake account Is charged for
      data stored in both Internal and External Stages.

      TRUE

      False

81   True or False: Snowflake enforces unique, primary
      key, and foreign key constraints during DML
      operations.

      TRUE

      False

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

      TRUE

      False

86 What services does Snowflake automatically provide for customers that they may have been responsible for with their on-premise system? Select all the below that apply.

==Installing and configuring hardware==

==Patching software==

Physical security

==Maintaining metadata and statistics==

90 A client uses a PUT command to upload a new file to an Internal Stage. At which point is the data encrypted?

Select one.

When it reaches the virtual warehouse

When it gets micro-partitioned and stored in Cloud Storage

On the client's machine before being sent

==Clients must encrypt files before sending to Snowflake==

92	Tableau and looker are which type	==Business Intelligence==
93	What are the below that supports data science tools??	==Ans. Data Robot==
94	what are the type accounts involved in a share??	==Ans. Reader/Consumer/Provider==

Question 1:

According to snowflake architecture, data storage is independent of compute

<mark>TRUE</mark>
FALSE

Question 2:

All virtual warehouses in snowflake has access to all data

<mark>TRUE</mark>
FALSE

Question 3:

Which layer in the snowflake architecture contains virtual warehouse

Cloud services
<mark>Query processing</mark>
Database Storage
None

Question 4:

Which layer in snowflake contains data in compressed, columnar format

Cloud services
Query processing
<mark>Database storage</mark>

None

Question 5:
Which of the below approach would result in a better performance through linear scaling of data ingestion workload
Resize virtual warehouse
Consider the practice of organizing data by granular path
Consider the practice of splitting input file batch within the recommended range of 10 MB and 100 MB
All of the above

Question 6:
Snowflake provides specific administration features and capabilities to support the following activities except?

- Manage databases and warehouses within snowflake account
- Manage roles and users within a snowflake account
- Monitor usage and manage resources to control costs in a snowflake account
- Manage 3rd party applications providing data to a snowflake account

Question 7:
Select all characteristics of snowflake's multi-cluster environment
Multiple virtual warehouses in a deployment
Individual warehouses scale out/in based on query activity
Multi-cluster warehouses support the same properties and actions as single-cluster warehouse

Question 8:
What are the two modes in which a multi-cluster warehouse can run?
~~Dynamic~~
Maximized
Auto-scale
None of the above

Question 9:
What does snowflake offer to help control the credits consumed by a multi-cluster warehouse running in Auto-scale mode?
Auto scale
Scaling policy
Maximum_number_of_server_clusters
Minimum_number_of_server_clusters
None of the above

Question 10:
What scaling policies are supported by snowflake?

Standard
Economy
Premium

Question 12:
Compute usage billing in snowflake is based on

Per-second basis, with a minimum of 60 seconds
Per-second basis only
By number of users

Question 13:
SQL functionality in snowflake can be extended by
USER DEFINED FUNCTIONS USING SQL
USER DEFINED FUNCTIONS USING JAVASCRIPT
SESSION VARIABLES
NONE OF THE ABOVE

Question 14:
To provide failover protection, how many availability zones does snowflake replicate to

- one
- **two**
- three
- as configured by user

Question 15:
Which of the following is not a characteristic of micro-partitions in snowflake?

New partitions are created in logical properties

Avoids skews between partitions

Partitioning is automatically completed on the natural ingestion order of the data

The natural ingestion order maintains correlations between columns which could be useful for pruning

Question 16:
The storage architecture of snowflake has two key features, they are

Time travel

Replication

Zero-copy cloning

Query tag

Question 17:
Which is not a characteristic of time travel?

Protection from accidental data operations

Previous versions of data automatically retained

Retention period selected by customers (up to 90 days for Enterprise edition)

Recover data with the cost of running backups

Question 19:
In order to load data into snowflake, which of the below are required?

Virtual Warehouse

Predefined target table

Staging location with data staged

File format

Question 20:
Which of the following is not a snowpipe feature?

Snowpipe can load data from any internal or external stage

It is a server-less compute model

The service provides REST end points and uses snowflake provided compute resources to load the data and retrieve history reports

<mark>**Snowpipe loads data after it is in stage and use executes the LOADDATA command**</mark>

Question 21:

Which feature does not come with query profile?

Graphical representation of the main components of the processing plan of the query

Details and statistics for the overall query

<mark>**Hints for improving the query performance**</mark>

Statistics for each component of the query

Question 22:

Snowflake mechanism to limit the number of micro-partitions scanned by a query is called what?

<mark>**Pruning**</mark>

Selection

Filtering

None of the above

Question 23:
Which type of data integration tools leverage snowflake's scalable compute for data transformation?
ELT
ETL
Database replication
Streaming

Question 24:
Snowflake offers tools to extract data from source systems

TRUE
FALSE

Question 25:
Which of the following are options when creating a virtual warehouse
Auto Suspend
Auto Resume
Storage Size
Server count

Question 26:
The warehouse cache may be reset if a running warehouse is suspended and then resumes

TRUE
FALSE

Question 27:
A table in snowflake can only be queried using the virtual warehouse used to load the data
TRUE
FALSE

Question 28:
Snowflake caches are automatically invalidated if the underlying data changes

TRUE
FALSE

Question 29:
The query profiler view is only available for completed queries

TRUE
FALSE

Question 30:
Which best describes zero-copy cloning?

Metadata only operation
No replication of data
Unmodified data stored once and modified data stored as new micro partitions
All of the above

Question 31:
Your business team runs a set of identical queries every day after the batch ETL run is complete. From the following actions, what is the best action that you will recommend.
After the ETL run, execute the identical queries so that they remain in the result cache
After the ETL run, resize the warehouse to a larger warehouse
After the ETL run, copy the tables to another schema for the business users to query

Question 32:
If you would like to disable the query cache, what will you do?

ALTER SESSION SET USE_CACHED_RESULT = FALSE;
ALTER SESSION SET USE_CACHED_RESULT = OFF;
ALTER SESSION SET USE_QUER_CACHE = TRUE;

Question 33:
A task can have a maximum of 100 *child* tasks
TRUE
FALSE

Question 34:
Snowflake guarantees that only one instance of a task with a defined **predecessor task** is running at a given time

TRUE
FALSE

Question 35:
You created an warehouse(ETL_WH) which is sized at XSMALL, you want to resize the Warehouse to SMALL. How will you do that?

alter warehouse etl_wh set warehouse_size=SMALL;
You will need to recreate the warehouse with the new size
Once created an warehouse can never be re-size

Question 36:

You have just loaded a file named student_data.csv from your snowflake stage to snowflake table. You try to reload again using the COPY INTO command. You will be able to load the file.

TRUE

FALSE

Question 37:

For a particular snowflake session, you can specify more than one virtual warehouse

TRUE

FALSE

Question 38:

Time travel and fail safe requires additional storage which will cost you storage cost

TRUE

FALSE

Question 39:

From which of the following stage locations can snowflake load data

AWS S3

AZURE BLOB STORAGE

GOOGLE CLOUD STORAGE

INTERNAL STAGE

FILE SERVER

IBM CLOUD STORAGE

Question 40:

ACCOUNTADMIN ROLE encapsulates the SYSADMIN and SECURITYADMIN system-defined roles and ACCOUNTADMIN sits on top of the role hierarchy

TRUE

FALSE

Question 41:

Select the two true statements about multi cluster warehouse

These type of warehouses cannot be resumed or suspended

Multi cluster warehouses can be created on snowflake hosted on AWS only

As query demand decreases, clusters are removed from this warehouse

When query workload increases, clusters are automatically added

Question 42:

If you want to clone a table, your role must have which access on the Table

SELECT

USAGE
READ
CLONE

Question 43:
You have three worksheets open in Snowflake Web UI. You can have three different roles in these worksheets.
<mark>**TRUE**</mark>
FALSE

Question 44:
When will you consider creating a clustering key on a table. Please select all that applies

<mark>**The table houses multi-terabyte data**</mark>
The table has variant columns
<mark>**The query performance on the table has degraded over time**</mark>

Question 45:
Which of the below objects will contribute to your account level storage usage?
Secure Views
<mark>**Internal Stage**</mark>
<mark>**External stage**</mark>
<mark>**Database and all tables inside it**</mark>

Question 46:
A consumer of shared database can add as many tables and views they want in the shared database

<mark>**FALSE**</mark>
TRUE

Question 47:
To have multi cluster data virtual warehouse, what should be the minimum snowflake subscription
<mark>**ENTERPRISE**</mark>
BUSINESS CRITICAL
STANDARD

Question 48:
Once a new release has been deployed, Snowflake does not move all accounts to the release at the same time. It follows a staged release approach.

TRUE
FALSE

Question 49:
When you are loading data through the COPY command, the table and the file being loaded must have the same order of columns
FALSE
TRUE

Question 50:
A reader account user will not be able to do the following

LOAD DATA
INSERT
SELECT
UPDATE

Question 51:
Which two modes are available in Multi cluster warehouse
Auto-scale
Peak Scale
Flexible
Maximized

Question 52:
Which of the below operations are allowed on an inbound share data?
MERGE
CREATE TABLE
ALTER TABLE
SELECT WITH GROUP BY
SELECT WITH JOIN
INSERT INTO

Question 53:
Select the most accurate statement regarding Snowflake's transaction support
ACID Compliant
Requires special user configuration
BASE compliant
Works like a NoSQL database

Question 54:
Select the table type that is automatically deleted after the session is closed and hence it has no fail-safe or time travel option post closure of the session

TRANSIENT
TEMPORARY
PERMANENT
EXTERNAL

Question 55:
What does snowflake recommend for making a variant column accessible in a BI Tool?
Create a View
Create a separate table
Use Parse_Json
Convert into external table

Question 56:
When you load data into snowflake, snowflake reorganizes the data into its internal
optimized compressed columnar format

TRUE
FALSE

Question 57:
When you clone a table, it does not include the load history of the source table, and hence
the data files that were already loaded in source table can be reloaded in the clone table
TRUE
FALSE

Question 58:
A snowflake account hosted on AWS cannot load data from a file that is staged in
GCP or Azure

FALSE
TRUE

Question 59:
If you clone a database, the internal snowflake stages in that database are also cloned
FALSE
TRUE

Question 60:
Which command is used to download data from Snowflake stage

PUT
GET
COPY
DUMP

Question 61:
AWS private link provides a secure connection from the customer's on premise data center to Snowflake
True
False

Question 62:
Which of the below is an example of **"Increasing max number of clusters"?**

Multi-Cluster Warehouse
Virtual Warehouse
Dedicated Warehouse

Question 64:
Zero copy cloning requires additional licensing since it is considered as an additional feature in snowflake

True
False

Question 66:
For how many days Query history in Snowflake web Ui is kept?

14 days
30 days
365 days

Question 67:
Storage cost is incurred for both internal and external stage.
True
False

Question 68:
Fail-safe period can be disabled at account level

True
False

Question 69:

Reader account does not cost storage cost

<mark>TRUE</mark>

FALSE

Question 70:

Data Unloading compression applies to JSON and CSV only

True

<mark>False</mark>

Question 71:

A stage be created without specifying file format

<mark>TRUE</mark>

FALSE

Question 72:

Account storage consumption can be checked via

<mark>Snowflake UI</mark>

ACCOUNT USAGE HISTORY

ACCOUNT USAGE METRIC

Question 73:

Micro-partition metadata is managed by which service layer

<mark>Global Service Layer</mark>

Compute Layer

Storage Layer

Metadata layer

Question 74:

4XL warehouse may have more lag time for provisioning compare to small warehouse

<mark>True</mark>

False

Question 75:

A third party tool that supports JDBC or ODBC but has no snowflake specific driver will be unable to connect with snowflake

<mark>True</mark>

False

Question 76:

Query IDs are unique across all snowflake deployments and can be used in communication with snowflake support to help troubleshoot issues

True
False

Question 77:
Snowflake is designed for
Concurrent workloads
OLAP
OLTP
ON PREMISE

Question 79:
Credit consumption by the compute layer is based on
Number of user
Amount of data processed
Number of clusters
Size of warehouse

Question 80:
Which of the below are benefits of Snowflake's separation of compute and storage
- **Multiple warehouses can access stored data without contention**

Storage expands without requirement to add more compute
Compute can be scaled up and down without adding more storage
Growth of storage and compute are tightly coupled together

Question 81:
What happens when pipe is recreated using CREATE OR REPLACE pipe command
Pipe load history is reset to empty
The Refresh parameter set to true
Previous loaded files will be ignored

All of the above

1. Select all characteristics of snowflake's multi-cluster environment:
Multiple virtual warehouses in a deployment
Individual warehouses scale out/in based on query activity
Multi-cluster warehouses support the same properties and actions as single-cluster warehouse
User must specify which cluster each query will use

2.What does snowflake offer to help control the credits consumed by a multi-cluster warehouse running in Auto-scale mode?
Auto scale
Scaling policy
Maximum_number_of_server_clusters
Minimum_number_of_server_clusters
None of the above

3.You are sizing a snowflake warehouse, what factors would you consider?
Number of users
Number of concurrent queries
Number of tables being queried
Data size and composition

4.The commands to load data into snowflake are
COPY AND PUT
COPY AND INSERT
INSERT AND PUT
NONE OF THE ABOVE

5.In order to load data into snowflake, which of the below are required?
•Virtual Warehouse
•Predefined target table
•Staging location with data staged
•File format

7.You have just loaded a file named student_data.csv from your snowflake stage to snowflake table. You try to reload again using the COPY INTO command. You will be able to load the file.
•TRUE
•FALSE

8. From which of the following stage locations can snowflake load data
•AWS S3
•AZURE BLOB STORAGE
•GOOGLE CLOUD STORAGE
•INTERNAL STAGE

•FILE SERVER
•IBM CLOUD STORAGE

9.Select the two true statements about multi cluster warehouse
•These type of warehouses cannot be resumed or suspended
•Multi cluster warehouses can be created on snowflake hosted on AWS only
•As query demand decreases, clusters are removed from this warehouse
•When query workload increases, clusters are automatically added

10.If the micro-partitions are constant, how much is the Clustering Overlap Depth?
•20
•1
•2
•10
•0

11.Select the correct statements for Table Clustering. (Select 3)
•Automatic clustering can not be suspended or resumed
•Snowflake recommends a maximum of three or four columns (or expressions) per key
•Tables in multi-terabytes range are good candidate for clustering keys
•Clustering keys are not for every table
•Automatic Clustering doesn't consume credit
•Snowflake doesn't charge for Reclustering

12.How much uncompressed data does a micro-partition contain in Snowflake?
•Between 1 GB to 10 GB
•Between 1 MB to 100 MB
•Between 5 MB to 50 MB
•Between 50 MB to 500 MB

13.Snowflake supports multiple ways of connecting to the service. (Select 3)
•Command line clients (e.g. SnowSQL)
•Only ODBC
•Only JDBC
•A web-based user interface
•ODBC and JDBC drivers

14.How many maximum columns (or expressions) are recommended for a cluster key?
•Higher the number of columns (or expressions) in the key, better will be the performance
•7 to 8
•12 to 16
•3 to 4

15.If we make any changes to the original table, then
•The changes do not reflect in the cloned table
•The changes get immediately reflected in the cloned table
•The cloned table data get refreshed with the entire new data of the source table

1. Network policy can apply on which levels
Ans. Account, User
2. Snowflake recommends which roles should create custom roles
Ans. Sysadmin
3. Maximum varchar and variant data size
Ans. 16MB
4. File formats for data loading/unloading for structured-CSV/TSV
5. File formats for data loading/unloading for semi-structured data-JSON, Avro, ORC, Parquet and XML
6. Flatten function has which parameters-input, path, outer, recursive, mode
7. How you will share to non-snowflake account customer
Ans. Reader account
8. Transient table time travel max days-1 day
9. Maximum size for parquet file.
Ans. Upto 16 MB
10. In Json file variable denoted as
Ans. @, $, #
11. If you load file into external stage how will check that files will loaded successfully. (list/show)
12. Which keys are enforced in snowflake.-NOT NULL
13. Query for find out the client's driver version.
14. Default character set for loading delimited files.-CSV/TSV
15. Variant columns type – Flatten
16. How many days load history column stored data for pipes – 14 days
17. How many days is the data stored don't know exact question - DATA_RETENTION_TIME_IN_SECOND
Ans - 2days
18. Which version strictly required high security –
Ans. VPC
19. Select well cluster data from following diagram
Ans. A-----D E--------H I------M N------U V-----Z
20. Which object can be shared –
Ans. Secure view ,Tables, Secure UDF
21. Which function returns set of rows, multiple rows and also accessible in FROM clause –
Ans – UDTFs
16. which URL loads unstructured data without requiring authentication and authorization –

17. Which layer handle query processing –

Ans. compute

18. Which of the following Data Types are supported by Snowflake? –

Ans. GEO , Variant in the option

19. JavaScript delimiters for stored procedure in snowflake – Options –

 A. '

B. "

C. $

D. \\

E. //

22. Which table is used to retrieve file URLs to access staged files –

Ans. Directory Table

24. How would set security policy on user level –

Ans. only SQL And for account level it can be set via Classic Interface, snowsight and SQL

26. What privileges can be granted to a role to specify the operations that role can perform on a virtual warehouse?

Ans. MODIFY, OPERATE, USAGE

1. Which is the term used for Snowflake's architecture composed of shared storage and multiple compute engines?

A. Multi-cluster shared data

B. Hybrid architecture

C. Multicompute architecture

D. Shared Storage, multicompute

2. Which of the following are layers in Snowflake architecture? (Select all that apply.)

A. On-Premises layer

B. Database Storage

C. Query Processing

D. Cloud Services

3. Which of the following is true regarding micro-partitions? (Select all that apply.)

A. Each micro-partition contains 50 MB to 500 MB of uncompressed data.

B. Micro-partitions are immutable.

C. Snowflake automatically compresses data in a micro-partition.

D. Each micro-partition contains 1 MB to 5 MB of uncompressed data.

4. Which of the following is true regarding data clustering in Snowflake? (Select all that apply.)

A. Data in a Snowflake table cannot be reclustered.

B. Snowflake automatically clusters data in a table.
C. If required, clustering keys can be defined to recluster the data.
D. Snowflake does not automatically cluster data in a table.

5. Which of the following are Snowflake's Data Integration partners? (Select all that apply.)
A. Collibra
B. Matillion
C. Informatica
D. Power BI

6. What is the command-line tool for connecting to Snowflake?
A. Snowpipe
B. SnowSQL
C. SnowCD
D. Snow Mobile

7. You are required to load data from a named internal stage into a Snowflake table. Which command should you use?
A. GET
B. VALIDATE
C. COPY
D. PUT

8. You need to upload data from an on-premises system to a named internal stage. Which command should you use?
A. GET
B. PUT
C. COPY
D. VALIDATE

9. Which of the following can be used to load streaming or real-time data in Snowflake?
A. GET
B. Snowpipe
C. COPY
D. PUT

10. Snowflake supports which semi-structured file formats? (Select all that apply.)
A. DOM
B. Avro
C. ORC
D. XML

11. True or False: Data in an internal stage contributes to overall storage costs.

A. False
B. True

12. True or False: The VARIANT data type can store any type of data.
A. False
B. True

13. True or False: Snowpipe can load data from an internal or an external stage.
A. True
B. False

14. Snowflake tasks can execute which of the following? (Select all that apply.)
A. A single SQL statement
B. Snowpipe
C. A call to a stored procedure
D. Automatic clustering

15. Which of the following correctly describes streams in Snowflake? (Select all that apply.)
A. They are used to track data changes made to a table, including inserts, updates, and deletes.
B. They are used as a queuing mechanism for user queries.
C. They are used for change data capture (CDC).
D. They are used to load data in a real-time manner.

17. Which of the following commands will let you recover dropped tables, schemas, and databases?
A. UNDROP
B. RECOVER
C. CREATE
D. TIME TRAVEL

18. True or False: Cloning and Time Travel can be combined to create clones of data that exist at a certain time.
A. False
B. True

19. Which layer in Snowflake architecture is responsible for data sharing?
A. Query Processing
B. Data Sharing
C. Cloud Services
D. Cloud Storage

20. True or False: The compute charges are billed to the data consumer when sharing data with another Snowflake account.
A. True
B. False

21. True or False: Data Exchange is your own private data sharing hub where you can share data with an invite-only group of people.
A. True
B. False

22. Which scaling policy ensures maximum performance?
A. Standard
B. Economy
C. Performance
D. Maximum

23. True or False: If a query has been run before and the underlying data hasn't changed, the query result cache is used to fulfill results for a semantically similar query.
A. True
B. False

24. What is the name of the service responsible for redistributing data according to the clustering key?
A. Redistribution Engine
B. Snowflake Optimizer
C. Automatic Clustering
D. Clustering Engine

25. True or False: All data at rest in Snowflake is encrypted using AES 256-bit encryption.
A. True
B. False

26. What of the following roles are built into Snowflake roles? (Select all that apply.)
A. SECURITYADMIN
B. PUBLIC
C. SYSADMIN
D. SNOWFLAKEADMIN

27. True or False: Network policies can be used to allow or deny access to specific IP addresses.
A. True
B. False

28. Which of the following is true regarding resource monitors?
A. They help manage user workload on the system.
B. They help manage costs and avoid unexpected credit usage by virtual warehouses.
C. They help manage costs and avoid unexpected storage usage.
D. They are used to allow or deny users access to Snowflake.

29. Which of the following statements are correct regarding data retention and latency for the ACCOUNT_USAGE schema? (Select all that apply.)
A. It has no latency.
B. It has 365 days of retention.
C. It has 45 minutes to 3 hours of latency.
D. It has 30 days of retention.

30. How often does Snowflake release new software?
A. Fortnightly
B. Yearly
C. Weekly
D. Monthly

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

3. True or False: When active, a pipe requires a dedicated Virtual Warehouse to execute.
True
False

4. Which of the following statements is true of data loading?
Resizing the virtual warehouse from x-Small to Small will process a single file twice as fast
The "deal file size for loading is 16MB to match micro-partition size
Marry files in the 10-100 MB range tend to land In the 'sweet spot" for load parallelism
Once loaded, there is no option to force a reload of an already loaded file

5. which of the following are valid approaches to loading data into a snowflake table? select all the below that apply.
Bulk copy from an External Stage
Continuous load using Snowpipe REST API
The Snowflake Web Interface (UT) data loading wizard
Bulk copy from an Internal Stage

6. Which of the following are valid methods for authenticating users for access into

Snowflake? (Select THREE)
SCIM
<mark>Federated authentication</mark>
TLS 1.2
<mark>Key-pair authentication</mark>
<mark>OAuth</mark>
OCSP authentication

7. **Snowflake recommends, as a minimize, that all users with the following roles(s) should be enrolled in Multi-Factor Authentication (MFA):**
SECURITYADMIN, ACCOUNTADMIN, PUBLIC, SYSADMIN
SECURITYADMIN ACCOUNTADMIN, SYSADMIN
SECURITYADMIN, ACCOUNTADMIN
<mark>ACCOUNTADMIN</mark>

8. **Which of the following statement is true of Snowflake?**
<mark>It was built specifically for the cloud</mark>
it was built as an on-premises solution and then potted to the cloud
It was designed as a hybrid database to allow customers to store data either on premises or in the cloud
It was built for Hadoop architecture
It's based on an Oracle Architecture

9. **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.**
True
<mark>False</mark>

10. **What parameter controls if the Virtual warehouse starts immediately after the CREATE WAREHOUSE statement?**
<mark>INITTIALLY_SUSPENDED = TRUE/FALSE</mark>
START_AFTCR_CREATE = TRUE/FALSE
START_TTIME = 60 // (seconds from now)
START_TIME = CURRENT_DATE()

11. **What is the minimum Snowflake edition required to create a materialized view?**
Standard Edition
<mark>Enterprise Edition</mark>
Business Critical Edition
Virtual Private Snowflake Edition

12. **Which type of table corresponds to a single Snowflake session?**
<mark>Temporary</mark>

Transient
Provisional
Permanent

13. True or False: It is possible to query data from an Internal or named External stage without loading the data into Snowflake.
<mark>True</mark>
False

14. What are ways to create and manage data shares in Snowflake? (Select TWO)
<mark>Through the Snowflake web interface (Ul)</mark>
Through the DATA_SHARE=TRUE parameter
<mark>Through SQL commands</mark>
<mark>Through the enable__share=true parameter</mark>
Using the CREATE SHARE AS SELECT * TABLE command

15. What are the three things customers want most from their enterprise data warehouse solution? Choose 3 answers
On-premise availability
<mark>Simplicity</mark>
Open source based
<mark>Concurrency</mark>
<mark>Performance</mark>

16. True or False: Snowflake charges a premium for storing semi-structured data.
True
<mark>False</mark>

17. Which of the following statements are true about Schemas in Snowflake? (Choose two.)
A Schema may contain one or more Databases
<mark>A Database may contain one or more Schemas</mark>
<mark>A Schema is a logical grouping of Database Objects</mark>
Each Schema is contained within a Warehouse

18. What is the minimum duration charged when starting a virtual warehouse?
1 second
<mark>1 minute</mark>
1 hour
1 day

19. The number of queries that a Virtual Warehouse can concurrently process is determined by: Choose 2 answers
<mark>The complexity of each query</mark>

The CONCURRENT_QUERY_UMIT parameter set on the Snowflake account

The size of the data required for each query

The tool that s executing the query

20. On which of the following cloud platform can a Snowflake account be hosted? Choose 2 answers

Amazon Web Services

Private Virtual Cloud

Oracle Cloud

Microsoft Azure Cloud

21. True or False: All Snowflake table types include fail-safe storage.

True

False

23. True or False: It is possible to unload structured data to semi-structured formats such as JSON and parquet.

True

False

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

Data can be filtered by an optional where clause

Incoming data can be joined with other tables

Columns can be reordered

Columns can be omitted

Row level access can be defined

25. What is the minimum Snowflake edition that provides data sharing?

Standard

Premier

Enterprise

Business Critical Edition

26. Which of the following connectors allow Multi-Factor Authentication (MFA) authorization when connecting? (Choose all that apply.)

JDBC

Snow SQL

Snowflake Web Interface (UI)

ODBC

Python

27. How long is Snowpipe data load history retained?

As configured in the create pipe settings
Until the pipe is dropped
64 days
14 days

28. 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.
True
False

29. What happens when a Data Provider revokes privileges to a Share on an object in their source database?
The object immediately becomes unavailable for all Data Consumers
Any additional data arriving after this point in time will not be visible to Data Consumers
The Data Consumers stop seeing data updates and become responsible for storage charges for the object
A static copy of the object at the time the privilege was revoked is created In the Data Consumers' accounts

30. Which of the following connectors are available in the Downloads section of the Snowflake web Interface (UI) Choose 2 answers
SnowSQL
ODBC
R
HIVE

31. What privileges are required to create a task?
The global privilege create task is required to create a new task.
Tasks are created at the Application level and can only be created by the Account Admin role.
Many Snowflake DDLs are metadata operations only, and create task DDL can be executed without virtual warehouse requirement or task specific grants.
The role must have access to the target schema and the create task privilege on the schema itself.

33. Which of the following statements describes a benefit of Snowflake's separation of compute and storage? (Choose all that apply.)
Growth of storage and compute are tightly coupled together
Storage expands without the requirement to add more compute
Compute can be scaled up or down without the requirement to add more storage
Multiple compute clusters can access stored data without contention

34. What feature can be used to reorganize a very large table on one or more columns?
Micro-partitions
<mark>Clustering keys</mark>
Key partitions
Clustered partitions

35. What are two ways to create and manage Data Shares in Snowflake? (Choose two.)
<mark>Via the Snowflake Web Interface (Ul)</mark>
Via the data_share=true parameter
<mark>Via SQL commands</mark>
Via Virtual Warehouses

36. Which copy INTO command outputs the data into one file?
SINGLE=TRUE
<mark>MAX_FILE_NUMBER=1</mark>
FILE_NUMBER=1
MULTIPLE=FAISE

37. How many shares can be consumed by single Data Consumer?
1
10
100, but can be increased by contacting support
<mark>Unlimited</mark>

38. What command is used to load files into an Internal Stage within Snowflake?
<mark>PUT</mark>
COPY INTO
TRANSFER
INSERT

39. True or False: The user has to specify which cluster a query will run on in multi-clustering Warehouse.
True
<mark>False</mark>

40. Why would a customer size a Virtual Warehouse from an X-Small to a Medium?
To accommodate more queries
To accommodate more users
To accommodate fluctuations in workload
<mark>To accommodate a more complex workload</mark>

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

Root task may be executed concurrently (i.e. multiple instances), it is recommended to leave some margins in the execution window to avoid missing instances of execution Querying (select) the size of the stream content would help determine the warehouse size. For example, if querying large stream content, use a larger warehouse size

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

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

42. Which of the following are examples of operations that require a Virtual Warehouse to complete, assuming no quires have been executed previously? Choose 3 answers

MIN(< < column value>>)correct

COPY

SUM(<< column value >>)correct

UPDATE

43. What are the default Time Travel and Fail-safe retention periods for transient tables?

Time Travel - 1 day. Fail-safe - 1 day

Time Travel - 0 days. Fail-safe - 1 day

Time Travel - 1 day. Fail-safe - 0 days

Transient tables are retained in neither Fail-safe nor Time Travel

44. What happens when a virtual warehouse is resized?

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

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.

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

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

45. Which statements are true of micro-partitions? Choose 2 answers

They are approximately 16MB in size

They are stored compressed only if COMPRESS=TRUE on Table

They are Immutable

They are only encrypted in the Enterprise edition and above

46. Which Snowflake partner specializes in data catalog solutions?

Alation

DataRobot

dbt

Tableau

47. A virtual warehouse's auto-suspend and auto-resume settings apply to which of the following?

The primary cluster in the virtual warehouse

The entire virtual warehouse

The database in which the virtual warehouse resides

The Queries currently being run on the virtual warehouse

48. True or False: Snowpipe via REST API can only reference External Stages as source.

True

False

49. Which statement best describes " clustering"?

Clustering represents the way data is grouped together and stored within snowflake's micro-partitions

The database administrator must define the clustering methodology for each Snowflake table.

The clustering key must be included on the COPV command when loading data into Snowflake.

Clustering can be disabled within a Snowflake account.

50. Which of the following statements would be used to export/unload data from Snowflake?

COPY INTO @stagecorrect

EXPORT TO @stage

INSERT INTO @stage

EXPORT_TO_STAGE (stage = > @Wage, select = > 'select * from t1);

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

Informatica

Power Bl

Adobe

Data Robot

52. What is a key feature of Snowflake architecture?

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

53. Which of the following roles is recommended to be used to create and manage users and roles?
SYSADMIN
SECURITYADMIN
PUBLIC
ACCOUNTADMIN

54. Which of the following statements are true of VALIDATION_MODE in Snowflake? (Choose two.)
A. The validation_mode option is used when creating an Internal Stage
B. validation_mode=return_all_errors is a parameter of the copy command
C. The validation_mode option will validate data to be loaded by the copy statement while completing the load and will return the rows that could not be loaded without error
D. he validation_mode option will validate data to be loaded by the copy statement without completing the load and will return possible errors

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

56. To run a Multi-Cluster Warehouse in auto-scale mode, a user would:
Configure the Maximum Clusters setting to "Auto-Scale"
Set the Warehouse type to "Auto"
Set the Minimum Clusters and Maximum Clusters settings to the same value
Set the Minimum Clusters and Maximum Clusters settings to the different values

57. Which of the following describes how clustering keys work in Snowflake?
Clustering keys update the micro-partitions in place with a full sort, and impact the DML operations.
Clustering keys sort the designated columns over time, without blocking DML operations
Clustering keys create a distributed, parallel data structure of pointers to a table's rows and columns
Clustering keys establish a hashed key on each node of a virtual warehouse to optimize joins at run-time

58. Which of the following are benefits of micro-partitioning? (Select TWO)
Micro-partitions cannot overlap in their range of values
Micro-partitions are immutable objects that support the use of Time Travel.
Micro-partitions can reduce the amount of I/O from object storage to virtual warehouses
Rows are automatically stored in sorted order within micro-partitions

59. Which interfaces can be used to create and/or manage Virtual Warehouses?
The Snowflake Web Interface (UI)
SQL commands
Data integration tools
All of the above

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

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

62. Which are true of Snowflake roles?
All grants to objects are given to roles, and never to users
In order to do DML/DOL, a user needs to have selected a single role that has that specific access to the object and operation
The public role controls at other roles
Roles are a subset of users and users own objects In Snowflake

64. Which Snowflake object enables loading data from files as soon as they are available in a cloud storage location?
Pipe
External stage
Task
Stream

65. Which of the following are best practices for users with the SYSADMIN/ACCOUNTADMIN roles? Choose 3 answers
Their default role should be set to SYSTEMADMIN (the lower of the two)
They should not set up multi_Factor Authentication (MFA)—as administrator they may need to change the MFA settings and those enrolled in MFA are unable to do so
They should only access and 'step into' the ACCOUNTADMIN role temporarily, as needed to complete a specific operation

They should ensure all database objects in the account are owned by the ACCOUNTADMIN role

==They should use the SYSADMIN role to perform administrative work on database objects==

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

True

==False==

68. What is the MOST performant file format for loading data in Snowflake?

==CSV (Unzipped)==

Parquet

CSV (Gzipped)

ORC

69. True or False: Snowflake's Global Services Layer gathers and maintains statistics on all columns in all micro-partitions.

==True==

False

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

True

==False==

72. 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?

Okta Verify

==Duo Mobile==

Microsoft Authenticator

Google Authenticator

73. True or False: Snowflake bills for a minimum of five minutes each time a Virtual Warehouse is started.

True

==False==

74. A user is preparing to load data from an external stage
Which practice will provide the MOST efficient loading performance?
Organize files into logical paths
Store the files on the external stage to ensure caching is maintained
Use pattern matching for regular expression execution
<mark>Load the data in one large file</mark>

75. What SQL command would be used to view all roles that were granted to user1?
<mark>show grants to user USER1;</mark>
show grants of user USER1;
describe user USER1;
show grants on user USER1;

76. How often are encryption keys automatically rotated by Snowflake?
<mark>30 Days</mark>
60 Days
90 Days
365 Days

77. The FLATTEN function is used to query which type of data in Snowflake?
Structured data
<mark>Semi-structured data</mark>
Both of the above
None of the above

78. Which of the following is true of Snowpipe via REST API? Choose 2 answers
you can only use it on internal Stages
All COPY INTO options are available fluting pipe creation
<mark>Snowflake automatically manages the compute required to execute the Pipe's copy into commands</mark>
<mark>Snowpipe keeps track of which files it has loaded</mark>

79. Which statement about billing applies to Snowflake credits?
Credits are billed per-minute with a 60-minute minimum
Credits are used to pay for cloud data storage usage
Credits are consumed based on the number of credits billed for each hour that a warehouse runs
<mark>Credits are consumed based on the warehouse size and the time the warehouse is running</mark>

80. Which is true of Snowflake network policies? A Snowflake network policy:
(Choose two.)

Is only available to customers with Business Critical Edition
Restricts or enables access to specific IP addresses
Is activated using an "ALTER DATABASE" command

81. When should you consider disabling auto-suspend for a Virtual Warehouse? (Choose two.)
When users will be using compute at different times throughout a 24/7 period
When managing a steady workload
When the compute must be available with no delay or lag time
When you do not want to have to manually turn on the Warehouse each time a user needs it

82. True or False: Data in fail-safe can be deleted by a user or the Snowflake team before it expires.
A. True
B. False

24. More than one clustering key can co-exist in a Snowflake table
A. True
B. False

1. You are the owner of a table T1 which is in schema S1. The schema is in database D1. In order to grant read-only permissions of this table to a newly created role R1, you will need to…(select all that apply)
A. Grant 'USAGE' on database D1
B. Grant 'SELECT' on database D1
C. Grant 'USAGE' on schema S1
D. Grant 'SELECT' on schema S1
E. Grant 'USAGE' on table T1
F. Grant 'SELECT' on table T1

2. Identify system-defined roles in Snowflake from the roles given below. (select four)
A. AccountAdmin
B. SysAdmin
C. Auditor
D. RoleAdmin
E. SecurityAdmin
F. Public

3. What are the minimum and the maximum number of clusters in a multi-cluster warehouse?
A. Minimum: 1, Maximum: 99

B. Minimum: 1, Maximum: 100
C. Minimum: 1, Maximum: 10
D. Minimum: 1, Maximum: unlimited

4. When a virtual warehouse is started or resized or resumed, the minimum billing charge is 1 minute.
A. True
B. False

5. When a multi-cluster warehouse is suspended, which of the following Snowflake cache will be purged (get remove)?
A. Metadata cache
B. Remote disk cache (Result set cache)
C. Local disk cache
D. All of the above

6. From the given options, select the cloud services provider supported by Snowflake architecture. (three choices)
A. Amazon Web Services (AWS)
B. Google (GCP)
C. HP Virtual Private Cloud
D. Cloud Foundry
E. Microsoft Azure

7. What are the key considerations for choosing a specific region for your Snowflake account? (Select all that apply)
A. Cost
B. Proximity(near/close) to the end-users
C. Data sovereignty(security of data)
D. Regulatory requirements(rules and regulations)

8. Informatica, Matillion, Azure data factory are examples of ………………….. partners of the Snowflake partner ecosystem.
A. Data Management
B. Business Intelligence
C. Data Integration
D. Data Science

9. After a warehouse is suspended by a credit monitor action, the warehouse will not resume until the following event(s) occur. (Select all that apply)
A. Snowflake account administrator manually resumes the warehouse
B. Credit quota is increased in the resource monitor configuration
C. Credit threshold is increased in the resource monitor configuration
D. Next monitoring cycle (monitoring interval) starts

11. While loading data into Snowflake, which of the following transformations are supported? (select all that apply)
A. Column reordering
B. Column omission
C. Derived columns
D. Cast operation
E. Truncation
F. Transpose

12. It is NOT possible to query data stored in the cloud in Snowflake without first loading data into a Snowflake table.
A. True
B. False

13. From the statements given below, select the statements which are TRUE for reader accounts. (select all that apply)
A. A reader account facilitates data sharing with consumers that do not have a Snowflake account
B. One reader account can be used to access multiple shares provided by different provider accounts
C. A reader account consumes credit of the provider account
D. A reader account has the same access to Snowflake support as the provider account

14. Match the appropriate data protection feature given on the right with the scenario given on the left. (Assume Business-critical edition of Snowflake)

	Scenario	Data Protection Feature
	The latest release rolled out today morning has corrupted data in the production environment. 3	
S1	A data issue in the production database was discovered 3 days after time travel has expired. 1	Fail-Safe
S2	Snowflake instance has crashed, but the cloud region is	Triple Redundancy
S3	available. 2	Time-Travel
S4	One availability zone in the cloud region where Snowflake	Database replication
S5	was hosted has failed. 5	Automatic AZ failover
	The entire cloud region where Snowflake was hosted has failed (for example, due to some natural calamity or network outage). 4	

A. S1 – 2, S2 – 3, S3 – 5, S4 – 1, S5 – 4
B. S1 – 3, S2 – 2, S3 – 1, S4 – 5, S5 – 4
C. S1 – 4, S2 – 1, S3 – 5, S4 – 4, S5 – 3
D. S1 – 3, S2 – 1, S3 – 2, S4 – 5, S5 – 4

15. Select the statements that apply to clustering depth in a micro-partition. (select all that apply)
A. Clustering depth is the average depth of overlapping micro-partitions for a specified set of columns
B. The lower the clustering depth, the better clustered the table is
C. The higher the clustering depth, the better clustered the table is
D. Is an indication of whether the table needs an explicit clustering key

16. Select statement(s) which are TRUE from the given set of statements concerning Snowflake virtual warehouses. (select all that apply)
A. Scaling up a virtual warehouse is an automatic process
B. Scaling up a virtual warehouse is a manual process
C. Scaling down a virtual warehouse is an automatic process
D. Scaling down a virtual warehouse is a manual process
E. Scaling out a virtual warehouse is an automatic process
F. Scaling out a virtual warehouse is a manual process
G. Scaling back a virtual warehouse is an automatic process
H. Scaling back a virtual warehouse is a manual process

17. In Snowflake, For each securable object, there is a set of privileges. The privileges provide fine-grained access control on the object. Each securable object has an owner that can assign these privileges directly to a user or a group of users.
A. True
B. False

18. *Snowflake being a SaaS software, which of the following activities of an on-premise/hosted data warehouse are not required in Snowflake from the user's perspective? (select all that apply)*
A. Hardware sizing, purchase, or configuration
B. Hardware scaling
C. User and access management
D. Software installation, maintenance, or upgrades
E. Database Tuning
F. Site-level disaster recovery (due to loss of data center)

19. Zero-copy cloning operation is supported for the following objects in Snowflake. (select all that apply)
A. A temporary Table
B. A transient Table
C. An external table
D. A permanent Table
E. A database created from a Share
F. Internal (named) Stage

20. A resource monitor can be created by…

A. Owner of the virtual warehouse

B. ACCOUNTADMIN role

C. SYSADMIN role

D. USERADMIN role

E. Any of the above

21. You have a business-critical edition of Snowflake on AWS cloud. The data lake implementation of your organization is in Azure and utilizes Azure Data Lake Gen2 service. As your Snowflake account and your data lake are on different clouds, it is not possible to do bulk loading from Azure data lake into Snowflake using the COPY command.

A. True

B. False

22. Consider a table vehicle_inventory that stores vehicle information of all vehicles in your dealership. The table has only one VARIANT column called vehicle_data which stores information in JSON format. The data is given below:

{

"date_of_arrival": "2021-04-28",

"supplier_name": "Hillside Honda",

"contact_person": {

"name": "Derek Larssen",

"phone": "8423459854"

},

"vehicle": [

{

"make": "Honda",

"model": "Civic",

"variant": "GLX",

"year": "2020"

}

]

}

Which of the following are valid SQL queries that retrieve supplier_name? (select all that apply)

A. select vehicle_data.supplier_name::string from vehicle_inventory

B. select vehicle_data:supplier_name::string from vehicle_inventory

C. select vehicle_data(supplier_name(string)) from vehicle_inventory

D. select vehicle_data(supplier_name')::string from vehicle_inventory

22. Which of the following statements are true about multi-cluster Warehouses in

Snowflake? (Select all that apply).
A. Multi-cluster warehouses support all properties of a single-cluster warehouse
B. Increasing the number of compute resources in a multi-cluster warehouse is an example of scaling up
C. A single cluster warehouse can be reconfigured to turn into a multi-cluster warehouse but vice-versa is not true
D. None of the above

23. Using materialized views can be beneficial in the following scenarios. (select all that apply)
A. when you have a complex query that is frequently used
B. When the underlying data changes frequently
C. when the query results are smaller than the base table
D. When the query includes an external table

24. True or false: it is best practice to define a clustering key on every table.
A. True
B. False

27. 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

28. What are ways to create and manage data shares in Snowflake? (Select TWO)
A. Through the Snowflake web interface (Ul)
B. Through the DATA_SHARE=TRUE parameter
C. Through SQL commands
D. Through the enable__share=true parameter
E. Using the CREATE SHARE AS SELECT * TABLE command

30. Which of the following statements is true of Snowflake micro-partitioning? Select one.
A. Micro-partitioning has been known to introduce data skew
B. Micro-partitioning: requires a partitioning schema to be defined up front
C. Micro-partitioning is transparently completed using the ordering that occurs when the data is inserted/loaded
D. Micro-partitioning can be disabled within a Snowflake account

31. Which of the following statements are true of Virtual Warehouses? (Choose all that apply.)

A. Customers can change the size of the Warehouse after creation
B. A Warehouse can be resized while running
C. A Warehouse can be configured to suspend after a period of inactivity
D. A Warehouse can be configured to auto-resume when new queries are submitted

32. True or False: When a user creates a role, they are initially assigned ownership of the role and they maintain ownership until it is transferred to another user.
A. True
B. False

33. When loading data into Snowflake, the COPY command supports: (Choose 2 answers)
A. Joins
B. Fitters
C. Data type conversions
D. Column reordering
E. Aggregates

35. True or False: Reader Accounts are able to extract data from shared data objects for use outside of Snowflake.
A. True
B. False

36. A user created a new worksheet within the Snowsight Ul 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

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

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

39. True or False: Each worksheet in the Snowflake Web Interface (UI) can be associated with different roles, databases, schemas, and Virtual Warehouses.
A. True
B. False

QUESTIONS

Maximum number of clusters in a multi-cluster warehouse – 10

When a virtual warehouse is started or resized or resumed, the minimum billing charge is 1 minute- True

Number of resource monitor on a VW- 1

Task schedule on Every Monday at 6.30 AM SCHEDULE - 'USING CRON 30 6 * * 1 UTC'

Results Cache is located in - cloud services layer

Which languages Snowflake supports for writing procedures (Multi select)- Snowflake Scripting (SQL), Java Script, Java, Scala, Python

Which properties of a Resource Monitor can be modified? (Multi select)- Credit Quota, Monitor Level, Schedule, Actions

Correct query to unmask policy - ALTER TABLE table_name MODIFY COLUMN col_name UNSET MASKING POLICY;

Displays first N records and fails at the first error record- RETURN_N_ROWS

File formats not supported while unloading data- avro, orc, xml

Which stream type is supported for streams on the external table only? – insert only

How long does Snowflake keep Snowpipes load history?- 14 days

Time travel period for transient tables- 1 day

Which database objects can be shared- Secure UDFs, External Tables, Secure Materialized View, Secure Views, Tables

What size limit does VARIANT data type impose on individual rows? - 16 MB

Which role can create, monitor, and manage users and roles- security admin

Federated authentication is supported by all of the Snowflake editions- true

SQL clause that helps define the clustering key- cluster by

Which command is used to load files from the local system- put

A stored procedure can run both the caller's and the owner's rights simultaneously- false

The minimum billing charge for provisioning compute resources is - 1 minute

Which features of Snowflake provide Column-level security? External tokenization, Data masking

How can a Snowflake user load duplicate files with a COPY INTO command?- FORCE=TRUE

How does a Snowflake user extract the URL of a directory table on an external stage for further transformation?- LIST

Query profile—3-4 ----graphical representation of the query plan

Information schema

Account Usage: Access History, Query_history, Login_History(IP address)3-4

Data Governance tool embedded in the application

Select * from table tablesample(100): return the complete table

Authentication types: Outh, Key-pair, federated, SCIM

Which parameter can be used to prevent the stream from becoming stale: extention_in_days

Pipe—load the file as soon as it gets loaded to stage

Stream---track the DML changes

Custom role recommended practice is to assign it to sysadmin

Default unloading size—16MB

Dataunloading questions: JSON ,PARQUET-2 questions

If a DB is cloned , what privileges will be copied to the clone

If a table is cloned, what is the method of getting the same grants as the original table

Micropartition enable :(fine grain pruning or enable efficient DML operations check for the right answer)

Which datatype can store more than one datatype values(variant)

How will you check which type of data is stored in variant(IS_JSON, IS_Array, TYPEOf)

COPY into syntax

Resource monitor can be assigned to one warehouse

Suspend, suspend_immidiately, notify and notify_suspend

Client_side encyption (SF_SSE)

Which function will convert relational data to variant---object_construct

Which function will read input string as a json document and provide a variant output(parse_json, json_path, flatten, object_construct)

How is unstructured data handled in snowflake: by creating different file urls

In what case a stored procedure will be created using caller's rights

VW function: Query processing

In which case Reader accounts will not be able to access the shared data

What can be used if the provider wants to share data from different databases(==Secure View==)

Create data exchange listing privilege , what all you can do

Secondary roles

If file options are specified at multiple places, order of precedence (COPY into)

SnowSQL---Command line utility

If you require the data to be fail protected because it can be rebuilt outside your org (==transient==)

If you require the data of the transient table 3 days back (==cannot be recovered==)

If your org has the liberty to manage the file size and you have large data, then what is the recommended loading strategy.

If you want to check the driver versions (==client_info==)

Which constraint is enforced in Snowflake (NOT NULL)--2 questions

Which is the definition clustering keys (one clustering key with multiple columns)

External stage and internal stage deletion

Pruning example: partitions scanned < total partitions

Which view to check for table data storage: TABLE_STORAGE_METRICS view (in the Snowflake Information Schema).TABLE_STORAGE_METRICS View (in Account Usage).

JSON(data:bike.bike_id)

Tags: valid DDL commands: ==ALTER TAG, DROP TAG , DESCRIBE TAGS==

IF you have SF on AZURE, what is the valid external stage option (==GCP Bucket==)

When will the result cache be used:

==If the data has not been changed and the last query was less 24 hrs back==

What is the recommendation for an organization with different accounts?

How will you get the second query of the session: ==Select last_query(2);==

Q 9 . Which of the following programming languages are supported in Snowflake to write user-defined functions (UDFs)?

A. SQL

B. Java

C. JavaScript

D. Python

Q 10. Which Snowflake edition supports transmitting data in encrypted form over the network between VPCs (virtual private cloud)?

A. All editions

B. Enterprise edition and above

C. Business Critical edition and Above

D. All except for the Virtual Private Snowflake (VPS) edition

Q 12. Which of the following statements will you use to change the warehouse for workload processing to a warehouse named 'COMPUTE_WH_XL'?

A. SET CURRENT_WAREHOUSE = COMPUTE_WH_XL

B. USE WAREHOUSE COMPUTE_WH_XL;

C. USE CURRENT_WAREHOUSE('COMPUTE_WH_XL');

D. SET CURRENT_WAREHOUSE = COMPUTE_WH, SIZE = XL;

Q 13. In the case of a Snowflake account created on AWS, ……………….. is responsible for the management of Availability Zones?

A. Customer

B. Snowflake

C. Cloud Provider

D. It is a shared responsibility

Q 14. Once the time-travel period has expired, it is possible to request Snowflake support to retrieve historical data for a period of

A. Day

B. 90 Days

C. Days

D. It depends on the Snowflake edition

E. It is user-configurable

Q 15. Which of the following statements are TRUE concerning a stream object in Snowflake? (select all that apply)

A. A stream object provides a record of DML changes (inserts, updates, deletes) made to a table at row level.

B. A stream object can keep track of DML changes for the entire life of a table.

C. Streams on materialized views are not supported.

D. Streams on external tables are not supported.

Q 16. Only one stream object can be created on a source table

A. True

B. False

Q 17. Snowflake replicates the following layer(s) across availability zones (select two)

A. Cloud Services Layer

B. Warehouse Layer

C. Storage Layer

D. Cloud Agnostic Layer

E. Data Sharing Layer

Q 18. Which Snowflake edition supports Search Optimization Service to improve performance of point lookup queries?

A. All editions

B. Enterprise edition and above

C. Business Critical edition and Above

D. All except Virtual Private Snowflake (VPS) edition

Q 19. Consider the XML given below. The XML file is loaded in a User Stage:

<bookshelf>

<book>

<name>Famous Five</name>

<author> Roald dahl</author>

</book>

<book>

<name>Secret Seven</name>

<author> Enid Blayton</author>

</book>

<book>

<name>Mahashweta</name>

<author> Sudha Murthy</author>

</book>

</bookshelf>

To remove the top-level element <bookshelf/> and load <book/> elements into separate rows in a Snowflake table, which of the following file format options will be used in the COPY INTO command?

A. STRIP_TOP_ELEMENT

B. STRIP_OUTER_ELEMENT

C. STRIP_OUTER_ARRAY

D. STRIP_FIRST_ELEMENT

Q 20. History' tab in the Snowflake Web Interface supports viewing of user queries submitted in the past………………… day(s)

A. 24 hours or 1 day

B. 7 days

C. 14 days

D. 90 days

Q 21. What is the optimal file sizing recommendation for loading data into Snowflake?

A. 10 MB to 100 MB, uncompressed

B. 100 MB to 250 MB, compressed

C. 100 MB to 250 MB, uncompressed

D. 10 GB to 100 GB, compressed

Q 22. Selecting the right clustering key can dramatically improve query performance. Following are the good yardsticks to choose an appropriate clustering key:

A. Use columns that are most frequently found in WHERE clause

B. A date column is usually a not a good candidate to be in the clustering key

C. A join column can be considered as clustering key

D. Using expressions in the clustering key may help reduce cardinality.

Q 24. Which cache does the query optimizer refer to first? Second? And Third?

A. First: warehouse cache. Second: results cache. Third: metadata cache

B. First: warehouse Cache. Second: metadata Cache. Third: results cache

C. First: metadata Cache. Second: results Cache. Third: warehouse cache

D. First: metadata Cache. Second: warehouse Cache. Third: results cache

Q 25. Which of the following data types are supported in Snowflake for semi-structured data? (select all that apply)

A. VARIANT

B. OBJECT

C. TEXT

D. CLOB

E. ARRAY

Q26 : Following are the key reasons that make Snowflake a ''True SaaS'' product.

A. Snowflake completely runs on cloud infrastructure and is accessible over the internet

B. There's no hardware or software to install, configure, maintain or upgrade at the user's end

C. Snowflake supports key properties of as-a-service offering such as on-demand and instance elasticity, unlimited scalability of compute and storage and pay-per-use

D. All of the above

Q27 : Following programming languages/drivers, support is available out-of-the-box (natively) in Snowflake (select all that apply)

A. JDBC/ODBC driver

B. Google Flutter

C. Go, Node.js driver

D. Scala connector

E. Python connector

F. Spark connector

Q28 : To execute a query in Snowflake, you need to provide context. The context consists of the following. (select four)

A. Virtual Warehouse (VW)

B. Database

C. Schema

D. Role

E. User

F. Session

Q29 : As a Snowflake data engineer, you have a task to ingest data generated by sensors located on electric poles. As more sensors are getting installed in the city, the ingestion workload is increasing continuously. You have been tasked to support the growth in data loading volume while optimizing the cost of ingestion. Which best practices would you employ to increase the performance of your data ingestion workload? (select all options

that apply)

A. Increase the size of the virtual warehouse (S >> M >> L)

B. Split input files into small batches

C. Using SnowPipe as SnowPipe method is better in ingesting continuous micro-batch workloads

D. Use SnowSQL as the SnowSQL method is better in ingesting continuous micro-batch workloads

Q30 : Namespace in Snowflake is comprised of:

A. Database and schema

B. Account, database, and schema

C. Database, schema, and table

D. Warehouse, database, and schema

Q31 : A BOOLEAN data type in Snowflake can represent (select all that apply)

A. TRUE

B. FALSE

C. NULL

D. BOOLEAN datatype is not supported

Q32 : It is a good practice to create multiple virtual warehouses of various sizes in Snowflake based on the workload.

A. True

B. False

Q33 : Following are the two modes in which you can run a multi-cluster virtual warehouse in Snowflake.

A. Dynamic

B. Maximized

C. Auto-Scale

D. Multi-threaded

Q34 : The following object in Snowflake is also known as the 'data dictionary' of a database.

A. PUBLIC schema

B. Data Catalog

C. INFORMATION_SCHEMA schema

D. None of the above

Question 5

Fail-safe is unavailable on which table types? (Choose two.)

A. Temporary

B. Transient

C. Provisional

D. Permanent

Question 6

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

A. Tables

B. Schemas

C. Databases

D. Stages

Question 7

True or False: Micro-partition metadata enables some operations to be completed without requiring Compute.

A. True

B. False

Question 8

Which of the following commands are not blocking operations? (Choose two.)

A. UPDATE

B. INSERT

C. MERGE

D. COPY

Question 14

True or False: Pipes can be suspended and resumed.

A. True

B. False

Question 15

Which of the following languages can be used to implement Snowflake User Defined Functions (UDFs)? (Choose two.)

A. Java

B. Javascript

C. SQL

D. Python

Snowflake provides a mechanism for its customers to override its natural clustering algorithms. This method is:

A. Micro-partitions

B. Clustering keys

C. Key partitions

D. Clustered partitions

Which of the following are valid Snowflake Virtual Warehouse Scaling Policies? (Choose two.)

A. Custom

B. Economy

C. Optimized

D. Standard

True or False: A single database can exist in more than one Snowflake account.

A. True

B. False

True or False: Bulk unloading of data from Snowflake supports the use of a SELECT statement.

A. True

B. False

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

A. Named Stage

B. User Stage

C. Table Stage

D. Schema Stage

True or False: A customer using SnowSQL / native connectors will be unable to also use the Snowflake Web Interface (UI) unless access to the UI is explicitly granted by support.

A. True

B. False

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 & Usage section

C. The Information Schema -> ACCOUNT_USAGE_HISTORY View

D. The Account Usage Schema -> ACCOUNT_USAGE_METRICS View

Credit Consumption by the Compute Layer (Virtual Warehouses) is based on: (Choose two.)

A. Number of users

B. Warehouse size

C. Amount of data processed

D. # of clusters for the Warehouse

Question 11

True or False: The COPY command must specify a File Format in order to execute.

A. True

B. False

Question 12

Which of the following commands 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>>;

Question 13

Which of the following objects can be cloned? (Choose four.)

A. Tables

B. Named File Formats

C. Schemas

D. Shares

E. Databases
F. Users

Question 14
Which object allows you to limit the number of credits consumed within a Snowflake account?
A. Account Usage Tracking
B. Resource Monitor
C. Warehouse Limit Parameter
D. Credit Consumption Tracker

Question 15
Snowflake is designed for which type of workloads? (Choose two.)
A. OLAP (Analytics) workloads
B. OLTP (Transactional) workloads
C. Concurrent workloads
D. On-premise workloads

Question 16
What are the three layers that make up Snowflake's architecture? (Choose three.)
A. Compute
B. Tri-Secret Secure
C. Storage
D. Cloud Services

Question 18 (Topic 1)
True or False: Reader Accounts incur no additional Compute costs to the Data Provider since they are simply reading the shared data without making changes.
A. True
B. False

Question 23 (Topic 1)
In which layer of its architecture does Snowflake store its metadata statistics?
A. Storage Layer
B. Compute Layer
C. Database Layer
D. Cloud Services Layer

Question 27 (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

Question 31 (Topic 1)
What is the minimum Snowflake edition that customers planning on storing protected

information in Snowflake should consider for regulatory compliance?

A. Standard

B. Premier

C. Enterprise

D. Business Critical Edition

Question 32 (Topic 1)

Select the three types of tables that exist within Snowflake. (Choose three.)

A. Temporary

B. Transient

C. Provisional

D. Permanent

Question 35 (Topic 1)

True or False: It is possible to load data into Snowflake without creating a named File Format object.

A. True

B. False

Which operations are handled in the Cloud Services layer of Snowflake

Ans. Authentication, Infrastructure management and metadata management

9. A clustering key was defined on a table, but it is no longer needed. How can the key be removed? – ALTER TABLE

13. At what levels can a resource monitor be configured?

Ans. Account level, Warehouse level

15.While clustering a table, columns with which data types can be used as clustering keys?

Ans. Option which doesn't include GEO, VARIANT, OBJECT and ARRAY

Question 9:

When cloning a table, if the COPY GRANTS keywords are not included in the CREATE <object> statement, then the new object does not inherit any explicit access privileges granted on the original table but does inherit any future grants defined for the object type in the schema.

Ans : True

Question 1:

If you clone a permanent table(employees) into a transient table(employees_new) using the below command

create transient table employees_new clone employees copy grants;

What will happen to the partitions?

Old partitions will not affected, however new partitions added to the clone will follow the transient lifecycle.

1. Which Snowflake objects can be shared with other Snowflake accounts? (Select THREE)
 Schemas-
Roles
<mark>Secure views</mark>
Stored Procedures
<mark>Tables</mark>
<mark>Secure User-Defined Functions (UDFs)</mark>

2. What is a responsibility of Snowflake's virtual warehouses?
Infrastructure management
Metadata management Query parsing and optimization
<mark>Query execution</mark>
Permanent storage of micro-partitions

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?
 The shared objects are transferred
The shared objects are copied
<mark>The shared objects become accessible</mark>
 The shared objects can be re-shared

4. How many network policies can be assigned to an account or specific user at a time?
<mark>One</mark>
Two
Three
Unlimited

5. What does Snowflake recommend regarding database object ownership? (Select TWO).
Create objects with ACCOUNTADMIN and do not reassign ownership
<mark>Create objects with SYSADMIN</mark>
Create objects with SECURITIAMIN to ease granting of privileges later.
<mark>Create objects with a custom role and grant this role to SYSADMIN</mark>
Use only MANAGED ACCESS SCHEMAS for objects owned by ACCOUNTADMIN

6. What statistical information in a Query Profile indicates that the query is too large to fit in memory? (Select TWO)
<mark>Bytes spilled to local cache</mark>
<mark>Bytes spiled to local storage</mark>
Bytes spilled to remote cache,
Bytes spilled to remote storage-
Bytes spilled to remote metastore

7. When can user session variables be accessed in a Snowflake scripting procedure?

When the procedure is defined as STRICT

<mark>When the procedure is defined to execute as CALLER</mark>

When the procedure is defined to execute as OMER

When the procedure is defined with an argument that has the same name and type as the session variable.

8. If the format options are specified in multiple locations, the load operation selects which option FIRST to apply in order of precedence?

Table definition

Stage definition

Session level

<mark>COPY INTO TABLE statement</mark>

10. What MINIMUM privilege is required on the external stage for any role in the GET REST API to access unstructured data files using a file URL?

READ

OWNERSHIP

<mark>USAGE</mark>

WRITE

11. What happens when a database is cloned?

It does not retain any privileges granted on the source object.

It replicates all granted privileges on the corresponding source objects.

<mark>It replicates all granted privileges on the corresponding child objects</mark>.

It replicates all granted privileges on the corresponding child schema objects.

12. Which table characteristic will prevent the query acceleration service in Snowflake from accelerating queries?

The table contains a large number of micro-partitions.

The table has the search optimization service configured.

A clustering key is defined on a column with the GEOMETRY data type.

<mark>The table has been created using the CREATE TABLE AS SELECT command</mark>

13. Which user object property requires contacting Snowflake Support in order to set a value for it?

DISABLED

MINS_TO_BYPASS MEA

<mark>MINS TO BYPASS_NETWORK_POLICY</mark>

MINS TO UNLOCK

14. What is the MAXIMUM Time Travel retention period for a transient table?

0 days

<mark>1 day</mark>

7 days
90 days

15. By definition, a secure view is exposed only to users with what privilege?
IMPORT SHARE
<mark>OWNERSHIP</mark>
REFERENCES
USAGE

16. Which REST API can be used with unstructured data?
insertFiles
insertReport
<mark>GET /api/files/</mark>
loadHistoryScan

17. Data storage for individual tables can be monitored using which commands and/or objects? (Select TWO)
SHOW STORAGE BY TABLE
<mark>SHOW TABLES</mark>
Information Schema -> TABLE HISTORY
 Information Schema > TABLE_FUNCTION
<mark>Information Schema-> TABLE STORAGE METRICS</mark>

18. How does a scoped URL expire?
When the data cache clears.
<mark>When the persisted query result period ends</mark>.
The encoded URL access is permanent oc
The length of time is specified in the expiration time argument.

19. What is the Snowflake recommended Parquet fie sure when querying from external tables to optimize the number of parallel scanning operations?
1-16 MB
16-128 MB
<mark>100-250 MB</mark>
256-512 MB

22. What type of NULL values are supported in semi-structured data? (Select TWO).
AVRO
JSON
ORC
Parquet
<mark>SQL, VARIANT</mark>

23. Which type of join will list all rows in the specified table, even if those rows have no

match in the other table?
Cross join
Inner join
Natural join
Outer join

24. When using snow SQL, which configuration options are required when unloading data from a SQL query run on a local machine? (Select TWO)
echo
quiet
output file
output format
force put overwrite

26. A view is defined on a permanent table. A temporary table with the same name is created in the same schema as the referenced table.
What will the query from the view return?
The data from the permanent table.
The data from the temporary table.
An error stating that the view could not be compiled
An error stating that the referenced object could not be uniquely identified

27. A Snowflake user has been granted the CREATE DATA EXCHANGE LISTING privilege with their role, Which tasks can this user now perform on the Data Exchange? (Select TWO).
Rename listings.
Delete provider profiles
Modify listings properties
Modify incoming listing access requests.
Submit listings for approval publishing

28. In which Snowflake layer does Snowflake reorganize data into its internal optimized, compressed, columnar format?
Cloud Services
Database Storage
Query Processing
Metadata Management

29. Which SQL commands should be used to write a recursive query if the number of levels is unknown? (Select TWO)
CONNECT BY
LISTAG
MATCH RECOGNIZE
 QUALIFY

==**WITH**==

30. For a multi-cluster virtual warehouse, which parameters are used to calculate the number of credits billed? (Select TWO)
Cache size
==Warehouse size==
==Number of clusters==
Volume of data processed
 Number of queries executed

31. Which SQL statement will require a virtual warehouse to run?

A ==SELECT COUNT(*) FROM TBL EMPLOYEE==

ALTER TABLE TAL EMPLOYEE ADD COLE EXP REGION VARCHAR (20)

 INSERT INTO TAL EMPLOYEK (DMP 10, EMP_NAME, EMP SALARY, DEPT)
VALUES (1, 'Adam", 20000, 'Finance")

 CREATE OR REPLACE TABLE TBL EMPLOYEE(
EMP ID MEMBER,
EMP BANE VARCHAR (30), EMP SALARY NUMBER,
DEPT VARCHAR(20));

32. Which command should be used to unload all the rows from a table into one or more files in a named stage?
==COPY INTO==
INSERT INTO
GET
PUT

33. What is it called when a customer managed key is combined with a Snowflake managed key to create a composite key for encryption?
Hierarchical key model
Clent-side encryption
==Tri-secret secure encryption==
Key pair authentication

34. Which privilege must be granted to a share to allow secure views the ability to reference data in multiple databases
CREATE SHARE on the account
SHARE on databases and schemas
SELECT on tables used by the secure view
==REFERENCE USAGE on databases==

35. What are the recommended steps to address poor SQL query performance due to data spilling? (Select TWO)

Clone the base table.

==Fetch required attributes only==

Use a larger virtual warehouse.

==Process the data in smaller batches==

Add another cluster in the virtual warehouse

36. What can a Snowflake user do with the information included in the details section of a Query Profile?

Determine the total duration of the query

Determine the role of the user who ran the query

==Determine the source system that the queried table is from==

Determine if the query was on structured or semi-structured data.

37. How does a Snowflake stored procedure compare to a User-Defined Function (UDF)?

A single executable statement can call only two stored procedures. In contrast, a single SQL statement can call multiple UDF's

A single executable statement can call only one stored procedure, In contrast, a single SQL statement can call multiple UDFs.

A single executable statement can call multiple stored procedures. In contrast, multiple SQL statements can call the same UDFS

==Multiple executable statements can call more than one stored procedure. In contrast, a single SQL statement can call multiple UDFS==

38. A user needs to create a materialized view in the schema MYDB.MYSCHEMA Which statements will provide this access?

==GRANT ROLE MYROLE TO USER USER1==
==GRANT CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO ROLE MYROLE==

GRANT ROLE MYROLE TO USER USER1,
GRANT CREATE MATERIALIZED VIEW ON SCREMA MYDB.MYSCHEMA TO USER USER1

GRANT ROLE MYFOLE TO USER USER1,
GRANT CREATE MATERIALIZED VIEW ON SCREMA HYDB.MYSCHEMA TO USER1

GRANT ROLE NTROLE TO USER USER1,
GRANT CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO
MYROLE

39. How long can a data consumer who has a pre-signed URL access data files using
Snowflake?
Indefinitely
Until the result_cache expires
Until the retention_tine is met
<mark>Until the expiration time is exceeded</mark>

40. A user wants to upload a file to an internal Snowflake stage using a PUT command.
Which tools and or connectors could be used to execute this command? (Select TWO)
<mark>SnowCD</mark>
<mark>Snow SQL</mark>
SQL API
Python connector
Snowsight worksheets

41. Which native data types are used for storing semi-structured data in Snowflake?
(Select TWO)
NUMBER
<mark>OBJECT</mark>
STRING
VARCHAR
<mark>VARIANT</mark>

42. The COPY INTO <location command can unload data from a table directly into
which locations? (Select TWO)
<mark>A named internal stage</mark>
A Snowpipe REST endpoint
A network share on a client machine
A local directory or folder on a client machine
<mark>A named external stage that references an external cloud location</mark>

43. A user wants to add additional privileges to the system-defined roles for their virtual
warehouse.
How does Snowflake recommend they accomplish this?
Grant the additional privileges to a custom role.
Grant the additional privileges to the ACCOUNTADMIN role.
<mark>Grant the additional privileges to the SYSADMIN role</mark>
Grant the additional privileges to the ORGADMIN role

44. What is a characteristic of a role in Snowflake?
Roles cannot be granted to other roles.
System-defined roles can be dropped.
Privileges granted to system roles by Snowflake can be revoked.
Privileges on securable objects can be granted and revoked to a role

46. Which of the following describes the Snowflake Cloud Services layer?
Coordinates activities in the Snowflake account
Executes queries submitted by the Snowflake account users
Manages quotas on the Snowflake account storage
Manages the virtual warehouse cache to speed up queries

48. Which pages are included in the Activity area of Snowsight? (Select TWO).
Contacts
Sharing settings
Copy History
Query History
Automatic Clustering History

49. Two users share a virtual warehouse named wit EV 01. When one of the users loads data, the other one experiences performance issues while query
How does Snowflake recommend resolving this issue?
Scale up the existing warehouse
Create separate warehouses for each user
Create separate warehouses for each workload
Step lading and querying data at the same time

Which of the following DML commands isn't supported by Snowflake? Select one.
A. UPSERT
B. MERGE
C. UPDATE
D. TRUNCATE TABLE

Increasing the maximum number of clusters in a Multi-Cluster Warehouse is an example of: Select one.
A. Scaling rhythmically
B. Scaling max
C. Scaling out
D. Scaling up

What is the minimum Snowflake edition that provides multi-cluster warehouses and up to 90 days of Time Travel? Select one.
A. Standard
B. Premier

C. Enterprise

D. Business Critical Edition

True or False Which of the following best describes where Snowflake's metadata is stored? Select one.

A. Within the data files

B. Inside the Virtual Warehouses

C. In the Cloud Services Layer

D. Within the drivers

Which of the following items does the Cloud Services Layer manage? Choose 4 answers

A. User authentication

B. Metadata

C. Query compilation and optimization

D. External blob storage

E. Data security

Which statement best describes Snowflake tables? Select one.

A. Snowflake tables are logical representations of underlying physical data

B. Snowflake tables are the physical instantiation of data loaded into Snowflake

C. Snowflake tables require that clustering keys be defined to perform optimally

D. Snowflake tables are owned by a user

Which formats are supported for unloading data from Snowflake? Choose 2 answers

A. Delimited (CSV, TSV, etc.)

B. Avro

C. JSON

D. ORC

Which of the following are examples of operations that require a Virtual Warehouse to complete, assuming no queries have been executed previously? Choose 3 answers

A. MIN(« column value >>)

B. COPY

C. SUM(<< column value >>)

D. UPDATE

True or False: Fail-safe can be disabled within a Snowflake account.

A. True

B. False

True or False: Data Consumers must execute the SHARE REFRESH; command in order to view new or modified data in shared objects.

A. True

B. False

Which of the following statements about Data Sharing is true? Select one.
A. Accounts can share with other accounts regardless of Snowflake edition, without requiring help from Snowflake support (e.g. Enterprise, Business Critical Edition)
B. Data sharing can cross regions, but not cloud providers
C. The Data Consumer can only see objects in the Data Provider's source database that have been explicitly added to the Share
D. A Data Provider can only share with other Snowflake customers

True or False: Although a user can be granted multiple roles, each session has a single current role which determines current privileges.
A. True
B. False

True or False: Loading data via the COPY command only allows error handling on a per-file basis—all files are loaded in their entirety or marked as error, there are no partial loads.
A. True
B. False

What technique does Snowflake recommend for determining which Warehouse size to select? Select one.
A. Always start with an X-Small and size up if the query doesn't complete in 2minutes
B. Experiment by running the same queries against Warehouses of multiple sizes
C. Use the default Snowflake chooses for you
D. Use the Warehouse Size Selection Wizard in the Snowflake Web Interface (UI)

Query results are stored in the Result Cache for how long after they are last accessed, assuming no data changes have occurred? Select one.
A. 1 Hour
B. 3 Hours
C. 12 hours
D. 24 hours

True or False: The longer the data retention period, the higher the resulting storage costs.
A. True
B. False

Each incremental increase in Virtual Warehouse size (e.g. Medium to Large) generally results in what? Select one.
A. More micro-partitions
B. Better query scheduling
C. Double the numbers of servers in the compute cluster
D. Higher storage costs

30. True or False: When Snowflake is configured to use Single Sign-On (SSO), Snowflake receives the usernames and credentials from the SSO service and loads them into the customer's Snowflake account.
A. True
B. False

What is the most granular object that the Time Travel retention period can be defined on? Select one.
A. Account
B. Database
C. Schema
D. Table

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" timer on the precomputed results gets renewed every time the exact query is executed

How would you best determine the size of the virtual warehouse used for a task?
A. Root task may be executed concurrently (i.e. multiple instances), it is recommended to leave some margins in the execution window to avoid missing instances of execution
B. Querying (SELECT) the size of the stream content would help determine the warehouse size. For example, if querying large stream content, use a larger warehouse size.
C. 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.
D. 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-duster warehouse (MCW) to match the task schedule.

40. . True or False: The following command will fail: GRANT SELECT, INSERT, UPDATE, DELETE ON MYTABLE TO USER JOHN;
A. True
B. False

What is the default File Format used in the COPY command if one is not specified? Select one.

A. CSV
B. JSON
C. Parquet
D. XML

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

The fail-safe retention period is how many days? Select one.
A. 1 day
B. 7 days
C. 45 days
D. 90 days

What is the recommended Snowflake data type to store semi-structured data like JSON? Select one.
A. VARCHAR
B. RAW
C. BLOB
D. VARIANT

True or False: Snowflake charges additional fees to Data Providers for each Share they create.
A. True
B. False

As a best practice, clustering keys should only be defined on tables of which minimum size? Select one.
A. Multi-Kilobyte (KB) Range
B. Multi-Megabyte (MB) Range
C. Multi-Gigabyte (G8) Range
D. Multi-Terabyte (TB) Range

If a Small Warehouse is made up of 2 servers/cluster, how many servers/cluster make up a Medium Warehouse? Select one.
A. 4
B. 16
C. 32
D. 128

Which item in the Data Warehouse migration process does not apply in Snowflake? Select one.

A. Migrate Users

B. Migrate Schemas

C. Migrate Indexes

D. Build the Data Pipeline

65. What would you do to execute a series of tasks that run in sequence and are dependent on the previous task execution?

A. Create a series of tasks based on a series of schedules. Example Create one task that runs every 1 minutes, and a following task that runs every 2 minutes and so on: CREATE TASK taskl .. SCHEDULE = '1 minute' CREATE TASK task2 ... SCHEDULE = '2 minute'

B. When creating a task, indicate a predecessor task that it should run after. In this way, you can string together a number of tasks, all dependent on one task or each other.

C. Create a stored procedure for each task: CREATE PROCEDURE my_taskl_spl()... CREATE PROCEDURE my_task2_sp2(); Then create a simple tree by specifying the stored procedure my_task_spl as the predecessor that triggers the new task my_task2 when run successfully CREATE TASK my_task2 WAREHOUSE = mywh AFTER my_taskl_spl AS ...

D. This is currently not possible using Snowflake.

The PUT command is used to place local files into: Select one.

A. An External Stage

B. A Stage Zone

C. A Transient Stage

D. An Internal Stage

Snowflake provides two mechanisms to reduce data storage costs for short-lived tables. These mechanisms are: Choose 2 answers

A. Temporary Tables

B. Transient Tables

C. Provisional Tables

D. Permanent Tables

The Information Schema and Account Usage Share provide storage information for which of the following objects? Choose 3 answers

A. Users

B. Tables

C. Databases

D. Internal Stages

True or False: A Virtual Warehouse consumes Snowflake credits even when inactive.

A. True

For a multi-cluster Warehouse, the number of credits billed is calculated on: Select one.
A. The number of queries that ran using the Warehouse.
B. The size of the Warehouse and the number of clusters that ran within a given time period.
C. The size of the Warehouse and the maximum number of clusters configured for the Warehouse.
D. The number of users who accessed the Warehouse.

What is the maximum compressed row size in Snowflake? Select one.
A. 8KB
B. 16MB
C. 50MB
D. 4000GB

What are the three things customers want most from their enterprise data warehouse solution? Choose 3 answers
A. On-premise availability
B. Simplicity
C. Open source based
D. Concurrency
E. Performance

Which of the following statements are true of Snowflake releases: Choose 2 answers
A. They happen approximately weekly
B. They roll up and release approximately monthly, but customers can request early release application
C. During a release, new customer requests/queries/connections transparently move over to the newer version
D. A customer is assigned a 30 minute window (that can be moved anytime within a week) during which the system will be unavailable and the customer is upgraded [\

Snowflake Virtual Warehouses are part of which layer of the Snowflake architecture? Select one.
A. Compute Layer
B. Storage Layer
C. Database Layer
D. Cloud Services Layer

True or False: Every object is owned by one and only one role; therefore a user must be using that role to access the object.
A. True
B. False

What are the two ways Snowflake offers to create Virtual Warehouses? Choose 2 answers

A. The Snowflake Web Interface (UI) using the Create button in the Warehouse tab

B. The CREATE WAREHOUSE command

C. The CREATE VIRTUAL-WAREHOUSE command

D. D. Asking Snowflake support to create the Warehouse for you

True or False: During data unloading, only JSON and CSV files can be compressed.
A. True
B. False

True or False: Snowflake requires that a single user run its ETL, reporting, and data science workloads on the same Virtual Warehouse.
A. True
B. False

4X-Large Warehouse may, at times, take longer to provision than a X-Small Warehouse.
A. True
B. False

True or False: You can resize a Virtual Warehouse while queries are running.
A. True
B. False

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

When loading data into Snowflake, the COPY command supports Choose 2 answers
A. Joins
B. Filters
C. Data type conversions
D. Column reordering
E. Aggregates

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 targetl SELECT .. FROM stream_sl WHERE ..INSERT INTO target? SELECT .. FROM stream_sl 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_procl(); call stored_proc2();

C. A stored procedure executing multiple SQL statements and invoke the stored procedure from the task. CREATE TASK mytask .....AS call stored_proc_multiple_statements_inside();

D. Create a task for each SQL statement (e.g. resulting in taskl, task2, etc) and string the series of SQL statements by having a control task calling task 1, task 2 sequentially.

Which of the following statements is true of Virtual Warehouse resizing? Select one. A. A resize requires the Warehouse to be in suspended status.

B. A resize can be completed at any time.

C. A resize will affect running, queued, and new queries.

D. A resize can only be completed once per day.

What is the best approach for loading data into Snowflake? Select one.

A. Merge files into one big file

B. Many big files and a big Virtual Warehouse size

C. Many small files with a high level of parallelism

D. Few files and a big Virtual Warehouse size

Which of the following statements are true? Choose 3 answers

A. The COPY command must reference a Stage or cloud storage location

B. A named File Format is optional when using the COPY command

C. A File format option used in the COPY command will override the one in Stage

D. A File Format object must be defined when creating a Stage

True or False: A single schema can exist in more than one database.

A. True

B. False

Which types of data aren't natively supported in Snowflake? Choose 2 answers

A. CSV

B. XML

C. JPEG

D. MP4

What is the optimal file size for non-continuous bulk data loading into Snowflake? Select one.

A. 100 Kilobytes-1 Megabyte

B. 1 Megabyte - 10 Megabytes

C. 10 Megabytes - 100 Megabytes

D. 1 Gigabyte or above

If auto-suspend is enabled for a Virtual Warehouse, the Warehouse is automatically suspended when: SELECT ONE.

A. All Snowflake sessions using the Warehouse are terminated.
B. The last query using the Warehouse completes.
C. There are no users logged into Snowflake.
D. The Warehouse is inactive for a specified period of time.

When sizing a Virtual Warehouse up to the next available t-shirt size, the number of servers increase by a factor of what? SELECT ONE.
A. 1
B. 2
C. 4
D.

Which of the following operations can be completed without requiring Compute? SELECT ONE.
A. INSERT
B. UPDATE
C. DROP
D. MERGE

What is the default value in the Snowflake Web Interface (UI) for auto suspending a Virtual Warehouse? SELECT ONE.
A. 1 minute
B. 5 minutes
C. 10 minutes
D. 15 minutes

When creating a user it is advisable to: SELECT 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 user's access to expire within a specified timeframe

True or False: When a new Snowflake object is created, it is automatically owned by the user who created it.
A. TRUE
B. FALSE

How many shares can be consumed by a single Data Consumer? SELECT ONE.
A. 1
B. 10
C. 100z but can be increased by contacting
D. Unlimited

Which of the following are main sections of the top navigation of the Snowflake Web Interface (UI)? CHOOSE 3 ANSWERS
A. Databases
B. Tables
C. Warehouses
D. Worksheets

When scaling up Virtual Warehouses by increasing Virtual Warehouse t-shirt size, you are primarily scaling for improved: SELECT ONE.
A. Concurrency
B. Performance

The default Time Travel retention period is: SELECT ONE.
A. 1 day
B. 7 day
C. 45 days
D. 90 days

Which of the following statements is true of zero-copy cloning? SELECT ONE.
A. Zero-copy clones increase storage costs as cloning the table requires storing its data twice
B. All zero-copy clone objects inherit the privileges of their original objects
C. Zero-copy cloning is licensed as an additional Snowflake feature
D. At the instance/instant a clone is created, all micro-partitions in the original table and the clone are fully shared

Which of the following are common use cases for zero-copy cloning? CHOOSE 3 ANSWERS
A. Quick provisioning of Dev and Test/QA environments
B. Data backups
C. Point in time snapshots
D. Performance optimization

True or False: True or False: ACCOUNTADMINs are able to see the result sets of queries executed by all users within a Snowflake account.
A. TRUE
B. FALSE

True or False: Multi-Factor Authentication (MFA) in Snowflake is only supported in conjunction with Single Sign-On (SSO).
A. True
B. False

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

True or False: It is possible to use the VALIDATE option or operation to view all of the records that failed to load on a previous run.

A. True

B. False

ACCOUNTADMIN can execute which of the following commands on existing users? Select one.

A. Can SHOW users, DESCRIBE a given user or ALTER or DROP a user

B. Can DEFINE users, DESCRIBE a given user or ALTER or DELETE a user

C. Can SHOW users, INDEX a given user or ALTER or DELETE a user

D. Can SHOW users, DEFINE a given user or ALTER, DROP or MODIFY a user

Which of the following statements apply to Snowflake In terms of security? Choose 2 answers

A. Snowflake leverages a role-based access control model

B. Snowflake requires you to configure an IAM user in order to connect to the database

C. All data in Snowflake Is encrypted

D. Snowflake can run within a customer's own Virtual Private Cloud (VPC)

SnowSQL can unload query results to a local file system in the following file formats: Choose 3 answers

A. JSON

B. Parquet

C. ORC

D. CSV and any other delimited formats

True or False: Snowflake supports federated authentication in all editions.

A. True

B. False

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

What is the lowest Snowflake edition that offers Time Travel up to 90 days? Select one.

A. Standard Edition

B. Premier Edition

C. Enterprise Edition
D. Business Critical Edition

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

True or False: Every query should be expected to execute faster on a larger Virtual Warehouse than on a smaller Virtual Warehouse.
A. True
B. False

Increasing the size of a Virtual Warehouse from an X-Small to an X-Large is an example of: Select one.
A. Scaling rhythmically
B. Scaling max
C. Scaling out
D. Scaling up

Which of the following statements is true of Snowflake? Select one.
A. It was built specifically for the cloud
B. It was built as an on-premises solution and then ported to the cloud
C. It was designed as a hybrid database to allow customers to store data either on premises or in the cloud
D. It was built for Hadoop architecture
E. It's based on an Oracle Architecture

Snowflake supports External Stages against which Cloud Platforms? Choose 3 answers
A. Amazon Web Services (AWS)
B. Docker
C. IBM Cloud
D. Microsoft Azure
E. Google Cloud Platform
F. Oracle Cloud

True or False: It is possible for a user to run a query against the query result cache without requiring an active Warehouse.
A. True
B. False

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

Question On which of the following cloud platforms can a Snowflake account be hosted? Choose 2 answers
A. Amazon web Services
B. Private Virtual Cloud
C. Grade Cloud
D. Microsoft Azure Cloud

True or False: Loading data into Snowflake requires that source data files be no larger than 16MB.
A. True
B. False

Question Which of the following statements are true of Snowflake data loading? Choose 3 answers
A. VARIANT "null" values are not the same as SQL NULL values
B. It is recommended to do frequent, single row DMLs
C. It is recommended to validate the data before loading into the Snowflake target table
D. It is recommended to use staging tables to manage MERGE statements

What privileges are required to execute a task?
A. To execute a task, you need the EXECUTE TASK.
B. A task is an account-level object and can only be executed by the Account Admin role.
C. Tasks run automatically and do run under any role.
D. Tasks are stored in a special database called the utility database and require EXECUTE TASK –privilege in the utility database.

Question A role is created and owns 2 tables. This role is then dropped. Who will now own the two tables? Select one.
A. The tables are now orphaned
B. The user that deleted the role
C. SYSADMIN
D. The assumed role that dropped the role

Question Snowflake collects which of the following metadata on each of its micro partitions? Select all the below that apply.
A. Range of values
B. Number of distinct values
C. MIN/MAX values
D. NULL count