

## SnowPro Core Test Prep Questions

Question #1

Topic 1

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

Question #2

Topic 1

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

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

Question #3

Topic 1

True or False: A single database can exist in more than one Snowflake account.

- A. True
- B. False

Question #4

Topic 1

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

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

**Question #5***Topic 1*

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

- A. True
- B. False

**Question #6***Topic 1*

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

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

**Question #7***Topic 1*

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

**Question #8***Topic 1*

Account-level storage usage can be monitored via:

- A. The Snowflake Web Interface (UI) in the Databases section
- B. The Snowflake Web Interface (UI) in the Account -> Billing & Usage section
- C. The Information Schema -> ACCOUNT\_USAGE\_HISTORY View
- D. The Account Usage Schema -> ACCOUNT\_USAGE\_METRICS View

**Question #9***Topic 1*

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 #10

Topic 1

Which statement best describes 'clustering'?

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

Question #11

Topic 1

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

- A. True
- B. False

Question #12

Topic 1

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

Topic 1

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

Topic 1

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

Topic 1

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

Topic 1

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 #17

Topic 1

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

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 #19

Topic 1

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

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

Question #20

Topic 1

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

- A. True
- B. False

Question #21

Topic 1

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
- C. Compute can be scaled up or down without the requirement to add more storage
- D. Multiple compute clusters can access stored data without contention

Question #22

Topic 1

True or False: It is possible to unload structured data to semi-structured formats such as JSON and Parquet.

- 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 #24

Topic 1

True or False: Data in fail-safe can be deleted by a user or the Snowflake team before it expires.

- A. True
- B. False

Question #25

Topic 1

True or False: Snowflake's data warehouse was built from the ground up for the cloud in lieu of using an existing database or a platform?

- A. True
- B. False

Question #26

Topic 1

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

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 #28

Topic 1

Which type of table corresponds to a single Snowflake session?

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

Question #29

Topic 1

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

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

Question #30

Topic 1

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

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

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 #33

Topic 1

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

- A. True
- B. False

Question #34

Topic 1

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

- A. True
- B. False

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

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

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

- 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

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

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

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

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
- 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

Question #41

Topic 1

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

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

Question #42

Topic 1

Which statement best describes Snowflake tables?

- 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

Question #43

Topic 1

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

Question #44

Topic 1

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

- A. Temporary Tables
- B. Transient Tables
- C. Provisional Tables
- D. Permanent Tables

Question #45

Topic 1

What is the maximum compressed row size in Snowflake?

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

Question #46

Topic 1

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

- A. Databases
- B. Tables
- C. Warehouses
- D. Worksheets

Question #47

Topic 1

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

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

Question #48

Topic 1

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

- 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 customer is upgraded

Question #49

Topic 1

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

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

Question #50

Topic 1

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

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

Question #51

Topic 1

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

Question #52

Topic 1

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

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

Question #53

Topic 1

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

- A. True
- B. False

Question #54

Topic 1

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

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
- B. MERGE
- C. UPDATE
- D. TRUNCATE TABLE

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

Question #60

Topic 1

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

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

Question #61

Topic 1

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

- A. Configure the Maximum Clusters setting to Auto-Scale
- B. Set the Warehouse type to Auto
- 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

Question #62

Topic 1

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

Question #63

Topic 1

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

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

Question #64

Topic 1

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
- C. The database the Virtual Warehouse resides in
- D. The queries currently being run by the Virtual Warehouse

Question #65

Topic 1

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

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

Question #66

Topic 1

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

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

Question #67

Topic 1

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

- A. True
- B. False

Question #68

Topic 1

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

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

Question #69

Topic 1

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
- D. Snowpipe keeps track of which files it has loaded

Question #70

Topic 1

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

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
- 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 must specify which cluster a query will run on in a multi-cluster Warehouse.

- A. True
- B. False

Question #74

Topic 1

True or False: Pipes can be suspended and resumed.

- A. True
- B. False

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

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
- C. When the compute must be available with no delay or lag time
- 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

Question #78

Topic 1

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

- 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.

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

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
- B. The CONCURRENT\_QUERY\_LIMIT parameter set on the Snowflake account
- C. The size of the data required for each query
- 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
- 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

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.

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

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

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

- A. True
- B. False

Question #85

Topic 1

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

- A. Concurrency
- B. Performance

Question #86

Topic 1

What is the minimum Snowflake edition that provides data sharing?

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

Question #87

Topic 1

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

Question #88

Topic 1

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

- A. True
- B. False

Question #89

Topic 1

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

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

Question #90

Topic 1

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

- A. True
- B. False

Question #91

Topic 1

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

Question #92

Topic 1

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

- A. True
- B. False

Question #93

Topic 1

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

- A. True
- B. False

Question #94

Topic 1

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

Question #95

Topic 1

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

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

Question #96

Topic 1

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

Question #97

Topic 1

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

Question #98

Topic 1

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

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

Question #99

Topic 1

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

- A. True
- B. False

Question #100

Topic 1

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

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

Question #101

Topic 1

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

Question #102

Topic 1

True or False: Snowflake bills for a minimum of five minutes each time a Virtual Warehouse is started.

- A. True
- B. False

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

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

How a Snowpipe charges calculated?

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

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

- A. True
- B. False

True or False: When active, a Pipe requires a dedicated Virtual Warehouse to execute.

- A. True
- B. False

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

- A. True
- B. False

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

- A. True
- B. False

Question #110

Topic 1

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

- A. True
- B. False

Question #111

Topic 1

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

- A. True
- B. False

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.)
- B. Avro
- C. JSON
- D. ORC

Question #114

Topic 1

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

- A. True
- B. False

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
- 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
- B. Patching software
- C. Physical security
- D. Maintaining metadata and statistics

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
- 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
- C. Databases
- D. Internal Stages

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 can extract data from shared data objects for use outside of Snowflake.

- A. True
- B. False

Question #124

Topic 1

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

- A. True
- B. False

Question #125

Topic 1

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

- A. True
- B. False

Question #126

Topic 1

True or False: Loading data into Snowflake requires that source data files be no larger than 16MB.

- 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

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

Question #131

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

Question #132

Topic 1

True or False: Fail-safe can be disabled within a Snowflake account.

- A. True
- B. False

Question #133

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
- B. False

Question #134

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

Question #135

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.
- 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.
- D. Split large files into a greater number of smaller files to distribute the load among the compute resources in an active warehouse.
- 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.

Question #136

Topic 1

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

- A. Cluster keys
- B. Time Travel
- C. Fail-safe
- D. Cloning

Question #137

Topic 1

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.

Question #138

Topic 1

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

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

Question #139

Topic 1

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()

Question #140

Topic 1

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

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

Question #141

Topic 1

Which of the following describes the Snowflake Cloud Services layer?

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

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

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.

Question #146

Topic 1

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.

Question #147

Topic 1

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

Question #148

Topic 1

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

Question #149

Topic 1

Which of the following is a data tokenization integration partner?

- A. Protegrity
- B. Tableau
- C. DBeaver
- D. SAP

Question #150

Topic 1

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
- C. Business Critical Edition
- D. Standard Edition
- E. Enterprise Edition

Question #151

Topic 1

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

- A. XML
- B. JSON
- C. Parquet
- D. ORC
- E. AVRO
- F. CSV

Question #152

Topic 1

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

- A. Local disk caching
- B. Authentication and access control
- C. Metadata management
- D. Query processing
- E. Database storage

Question #153

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. Snowflake eliminates resource contention with its virtual warehouse implementation.
- D. Multi-cluster warehouses allow users to run a query that spans across multiple clusters.
- E. Snowflake automatically sorts DATE columns during ingest, for fast retrieval by date.

Question #154

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.
- 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.

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 SNOWFLAKEFL.ACOUNT\_USAGE view that contains information about which objects were read by queries within the last 365 days (1 year)?

- A. VIEWS\_HISTORY
- B. OBJECT\_HISTORY
- C. ACCESS\_HISTORY
- D. LOGIN\_HISTORY

Question #159

Topic 1

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.
- 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
- B. Resource management
- C. Virtual warehouse caching
- D. Query parsing and optimization
- 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

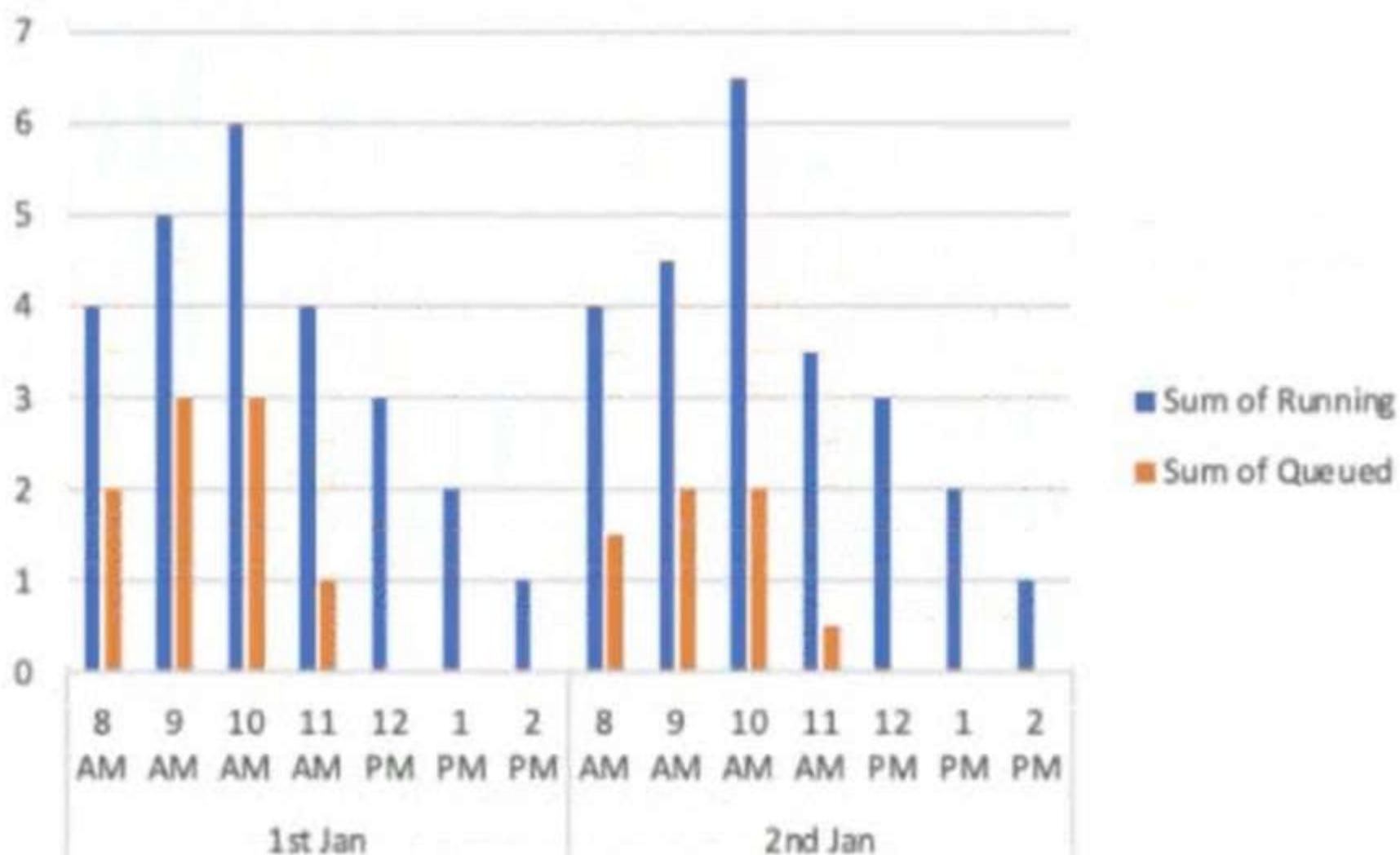
How does Snowflake Fail-safe protect data in a permanent table?

- 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.
- D. Lower the value of the parameter STATEMENT\_QUEUED\_TIMEOUT\_IN\_SECONDS.

Which minimum Snowflake edition allows for a dedicated metadata store?

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

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

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

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

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

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

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

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.
- 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.

A table needs to be loaded. The input data is in JSON format and is a concatenation of multiple JSON documents. The file size is 3 GB. A warehouse size S is being used. The following COPY INTO command was executed: COPY INTO SAMPLE FROM @~/SAMPLE.JSON (TYPE=JSON)

The load failed with this error:

Max LOB size (16777216) exceeded; actual size of parsed column is 17894470. How can this issue be resolved?

- A. Compress the file and load the compressed file.
- B. Split the file into multiple files in the recommended size range (100 MB - 250 MB).
- C. Use a larger-sized warehouse.
- D. Set STRIP\_OUTER\_ARRAY=TRUE in the COPY INTO command.

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.

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

- A. CONTENT
- B. PATH
- C. BYTE\_SIZE
- D. INDEX
- E. DATATYPE

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()
- 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
- 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
- D. Cloud provider

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.

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

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

Which methods can be used to delete staged files from a Snowflake stage? (Choose two.)

- A. Use the DROP command after the load completes.
- B. Specify the TEMPORARY option when creating the file format.
- C. Specify the PURGE copy option in the COPY INTO command.
- D. Use the REMOVE command after the load completes.
- E. Use the DELETE LOAD HISTORY command after the load completes.

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

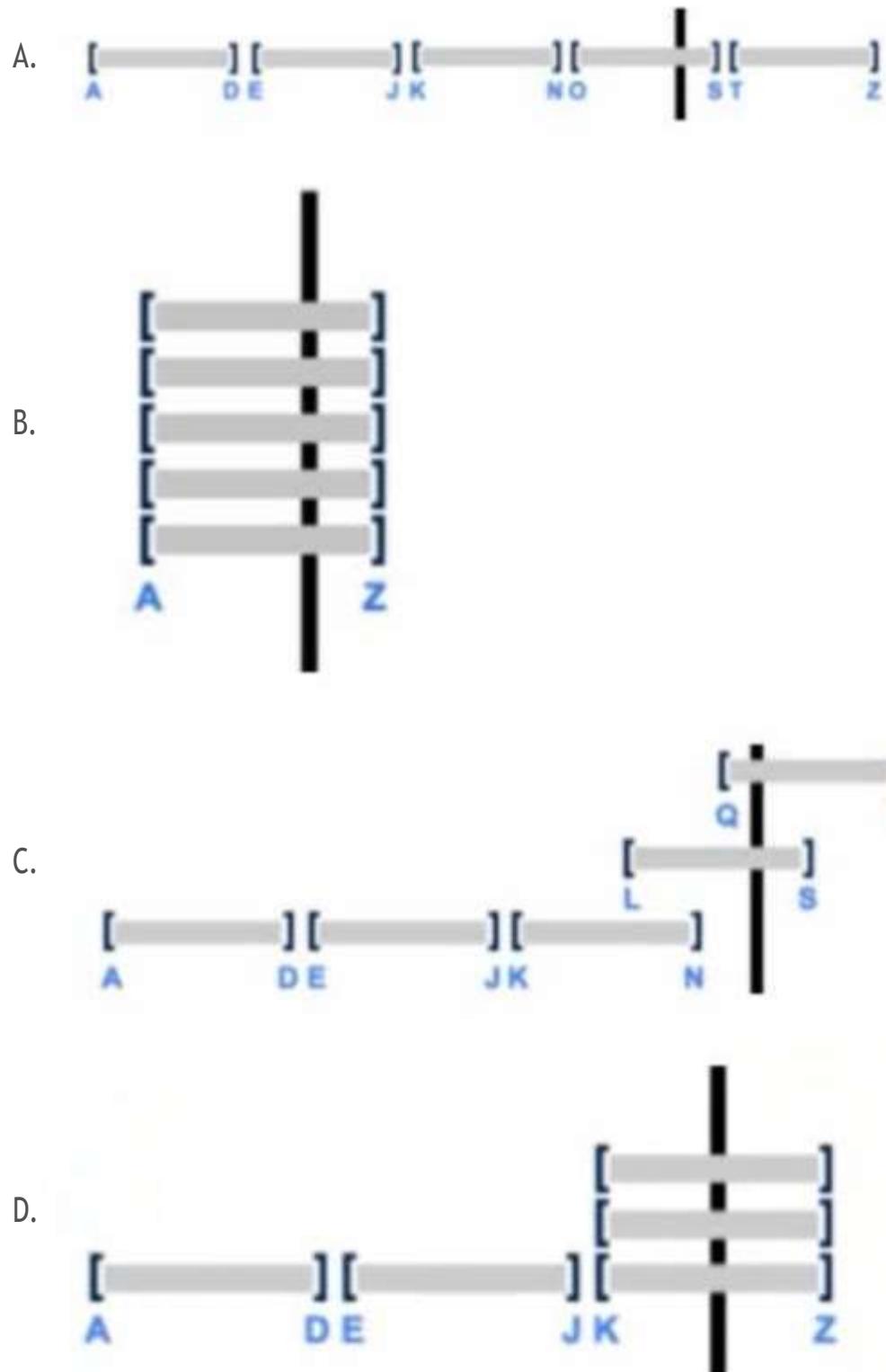
- A. Amazon Web Services
- B. Private Virtual Cloud
- C. Oracle Cloud
- D. Microsoft Azure Cloud
- E. Google Cloud Platform
- F. Alibaba Cloud

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

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

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

Which diagram indicates a well-clustered table?



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
- 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 - Old question - Ignore

Topic 1

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

- A. SnowSQL
- B. JDBC
- C. ODBC
- 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.

Question #196

Topic 1

Users are responsible for data storage costs until what occurs?

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

Question #197

Topic 1

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.

Question #198

Topic 1

What affects whether the query results cache can be used?

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

Question #199

Topic 1

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

- A. SELECT SUM (ORDER\_AMT) FROM SALES;
- B. SELECT AVG(ORDER\_QTY) FROM SALES;
- C. SELECT MIN(ORDER\_AMT) FROM SALES;
- D. SELECT ORDER\_AMT \* ORDER\_QTY FROM SALES;

Question #200

Topic 1

How many days is load history for Snowpipe retained?

- A. 1 day
- B. 7 days
- C. 14 days
- D. 64 days

Question #201

Topic 1

What Snowflake features allow virtual warehouses to handle high concurrency workloads? (Choose two.)

- A. The ability to scale up warehouses
- B. The use of warehouse auto scaling
- C. The ability to resize warehouses
- D. Use of multi-clustered warehouses
- E. The use of warehouse indexing

Question #202

Topic 1

Which COPY INTO command outputs the data into one file?

- A. SINGLE=TRUE
- B. MAX\_FILE\_NUMBER=1
- C. FILE\_NUMBER=1
- D. MULTIPLE=FALSE

Question #203

Topic 1

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

- A. Compute Credits = 50 Credits Cloud Services = 10
- 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

Question #204

Topic 1

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

How can this worksheet be shared?

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

Question #205

Topic 1

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 [object] ADD ROW ACCESS POLICY [policy];

Question #206

Topic 1

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

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

Question #207

Topic 1

What types of data listings are available in the Snowflake Data Marketplace? (Choose two.)

- A. Reader
- B. Consumer
- C. Vendor
- D. Standard
- E. Personalized

Question #208

Topic 1

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

Question #209

Topic 1

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

Question #210

Topic 1

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.

Question #211

Topic 1

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

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

Question #212

Topic 1

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

Question #213

Topic 1

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

Question #214

Topic 1

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

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

Question #215

Topic 1

Which services does the Snowflake Cloud Services layer manage? (Choose two.)

- A. Compute resources
- B. Query execution
- C. Authentication
- D. Data storage
- E. Metadata

Question #216

Topic 1

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
- C. Data encryption
- D. Role based access control

Question #217

Topic 1

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

Question #218

Topic 1

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

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

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.
- 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.

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

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

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

How can this be accomplished?

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

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

Question #222

Topic 1

Which of the following accurately describes shares?

- A. Tables, secure views, and secure UDFs can be shared
- 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
- B. Bytes sent over the network
- C. Number of partitions scanned
- D. Percentage scanned from cache
- E. External bytes scanned

Question #225

Topic 1

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

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

Question #226

Topic 1

What 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
- D. Whether the materialized view has a cluster key defined
- 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

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.

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
- 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
- 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.
- 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.
- 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.
- 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

Question #239

Topic 1

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

Question #240

Topic 1

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

Question #241

Topic 1

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

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

Question #242

Topic 1

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

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

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

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

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
- E. The billing and usage tab in the Snowflake web UI

Question #244

Topic 1

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

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

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.
- 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
- B. VARCHAR
- C. XML
- D. ARRAY
- 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
- C. When the system has enough load for 8 minutes
- D. When the system has enough load for 10 minutes

Question #248

Topic 1

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

Question #249

Topic 1

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

Question #250

Topic 1

What happens when a virtual warehouse is resized?

- A. When increasing the size of an active warehouse the compute resource for all running and queued queries on the warehouse are affected.
- B. When reducing the size of a warehouse the compute resources are removed only when they are no longer being used to execute any current statements.
- C. The warehouse will be suspended while the new compute resource is provisioned and will resume automatically once provisioning is complete.
- D. Users who are trying to use the warehouse will receive an error message until the resizing is complete.

Question #251

Topic 1

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.

Question #252

Topic 1

Which Snowflake layer can be configured?

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

Question #253

Topic 1

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

Question #254

Topic 1

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

- A. 4
- B. 8
- C. 16
- D. 32

Question #255

Topic 1

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

How can the key be removed?

- A. ALTER TABLE [TABLE NAME] PURGE CLUSTERING KEY
- B. ALTER TABLE [TABLE NAME] DELETE CLUSTERING KEY
- C. ALTER TABLE [TABLE NAME] DROP CLUSTERING KEY
- D. ALTER TABLE [TABLE NAME] REMOVE CLUSTERING KEY

Question #256

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

Question #257

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.

Question #258

Topic 1

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

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

Question #259

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.

Question #260

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

Question #261

Topic 1

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

Question #262

Topic 1

Which data type is supported by Snowflake data classification?

- A. Binary
- B. Float
- C. Geography
- D. Variant

Question #263

Topic 1

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
- D. ZSTD

Question #264

Topic 1

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
- D. SHOW GRANTS FOR ROLE

Question #265

Topic 1

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.

Question #266

Topic 1

What is the default Time Travel retention period?

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

Question #267

Topic 1

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).
- D. Avoid using embedded characters such as commas for numeric data types.
- E. Remove semi-structured data types.

Question #268

Topic 1

Which schema has the RESOURCE\_MONITORS view?

- A. ACCOUNT\_USAGE
- B. READER\_ACCOUNT\_USAGE
- C. INFORMATION\_SCHEMA
- D. WAREHOUSE\_USAGE\_SCHEMA

Question #269

Topic 1

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

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)
  - C. Identity Access Management (IAM)
  - D. Create, Read, Update, and Delete (CRUD)
  - E. Discretionary Access Control (DAC)
  - F. Mandatory Access Control (MAC)

Question #273

Topic 1

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

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

Question #274

Topic 1

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
- C. A SECURITYADMIN role
- D. The ADD SEARCH OPTIMIZATION privilege on the schema that contains the table
- E. The SELECT privilege on the table

Question #275

Topic 1

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

Question #276

Topic 1

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
- D. When the warehouse used to execute the query is suspended
- E. When it has been 24 hours since the last query

Question #277

Topic 1

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
- 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

Question #278

Topic 1

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.
- E. All three layers of Snowflake's architecture (storage, compute, and cloud services) are deployed and managed entirely on a selected cloud platform.
- F. Snowflake data and services are deployed in at least three availability zones within a cloud provider's region.

Question #279

Topic 1

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;

Question #280

Topic 1

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.

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

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

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
- 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
- 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.
- E. The clustering depth for the table is large.

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
- D. Altering a table
- E. Querying data from a materialized view

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
- C. Query Profile
- D. Stream

Question #290

Topic 1

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

- A. Disaster recovery
- B. Time Travel
- C. Fail-safe
- D. Database failover and fallback
- E. Data security

Question #291

Topic 1

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

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

Question #292

Topic 1

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

Question #293

Topic 1

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

Question #294

Topic 1

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.
- C. Micro-partitions can reduce the amount of I/O from object storage to virtual warehouses.
- D. Rows are automatically stored in sorted order within micro-partitions.
- E. Micro-partitions can be defined on a schema-by-schema basis.

Question #295

Topic 1

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

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

Question #296

Topic 1

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.

Question #297

Topic 1

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

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

Question #298

Topic 1

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

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

Question #299

Topic 1

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.
- D. The cost for running the virtual warehouse will be charged by the second.

Question #300

Topic 1

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

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

Question #301

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.
- 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.
- E. When dropping an internal stage, only selected files are deleted with the stage and are not recoverable.

Question #302

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.

Question #303

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

Question #304

Topic 1

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
- D. Execute SELECT CURRENT\_VERSION(); from the Python Connector

Question #305

Topic 1

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

- A. Clustering
- B. Indexing
- C. Fragmenting
- D. Using INDEX\_HINTS

Question #306

Topic 1

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

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

Question #307

Topic 1

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

- A. @
- B. &
- C. \$
- D. #

Question #308

Topic 1

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;
- D. grant SELECT on future tables in schema DB1.SCHEMA to role MYROLE;
- E. grant SELECT on all tables in database DB1 to role MYROLE;
- F. grant SELECT on future tables in database DB1 to role MYROLE;

Question #309

Topic 1

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
- D. Materialize the view to perform the changes

Question #310

Topic 1

Which statement describes pruning?

- A. The filtering or disregarding of micro-partitions that are not needed to return a query.
- 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.

Question #311

Topic 1

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

Question #312

Topic 1

Which of the following is the Snowflake Account\_Usage.Metering\_History view used for?

- A. Gathering the hourly credit usage for an account
- 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

Question #313

Topic 1

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

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

Question #314

Topic 1

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

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

Question #315

Topic 1

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 co-located by the cluster key within the micro-partitions to improve pruning performance

Question #316

Topic 1

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.

Question #317

Topic 1

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.

Question #318

Topic 1

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;

Question #319

Topic 1

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
- D. To allow the warehouse to resize automatically

Question #320

Topic 1

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 Windows server file share on Azure

Question #321

Topic 1

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

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

Question #322

Topic 1

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.

Question #323

Topic 1

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.
- 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.

Question #324

Topic 1

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

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

Question #325

Topic 1

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

Question #326

Topic 1

In which use case does Snowflake apply egress charges?

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

Question #327

Topic 1

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

- A. Execute a COPY command
- B. Updating data
- C. Snowpipe
- D. AUTOMATIC\_CLUSTERING
- E. Scaling up a warehouse

Question #328

Topic 1

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.

Question #329

Topic 1

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.

Question #330

Topic 1

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

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

Question #331

Topic 1

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

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

Question #332

Topic 1

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

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

Question #333

Topic 1

Which stage type can be altered and dropped?

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

Question #334

Topic 1

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

Question #335

Topic 1

A user is loading JSON documents composed of a huge array containing multiple records into Snowflake. The user enables the STRIP\_OUTER\_ARRAY file format option.

What does the STRIP\_OUTER\_ARRAY file format do?

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

Question #336

Topic 1

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.
- 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.

Question #337

Topic 1

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.

Question #338

Topic 1

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

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

Question #339

Topic 1

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.
- D. Use an external tool to issue batched row-by-row inserts within BEGIN TRANSACTION and COMMIT commands.

Question #340

Topic 1

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

Question #341

Topic 1

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
- D. In the metadata of the pipe for 64 days

Question #342

Topic 1

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

Question #343

Topic 1

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 all 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.

Question #344

Topic 1

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

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

Question #345

Topic 1

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

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

Question #346

Topic 1

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

Question #347

Topic 1

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.

Question #348

Topic 1

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

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

Question #349

Topic 1

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

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

Question #350

Topic 1

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...

Question #351

Topic 1

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
- E. Running COPY commands

Question #352

Topic 1

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

- A. Joins
- B. Filters
- C. Column reordering
- D. Aggregates

Question #353

Topic 1

What is cached during a query on a virtual warehouse?

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

Question #354

Topic 1

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

- A. UTF-8
- B. UTF-16
- C. ISO 8859-1
- D. ANSI\_X3.4

Question #355

Topic 1

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.

Question #356

Topic 1

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

Question #357

Topic 1

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.

Question #358

Topic 1

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
- 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;
- C. Information Schema -> TABLE\_HISTORY
- D. Information Schema -> TABLE\_FUNCTION
- E. Information Schema -> TABLE\_STORAGE\_METRICS

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.
- D. Set the minimum clusters and maximum clusters settings to different values.

Question #363

Topic 1

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

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

Question #364

Topic 1

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
- C. Database Stage
- D. Table Stage
- E. External Named Stage
- F. Internal Named Stage

Question #365

Topic 1

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

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

Question #366

Topic 1

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

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

Question #367

Topic 1

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

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

Question #368

Topic 1

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

- A. ROLES
- B. POLICY\_REFERENCES
- C. QUERY\_HISTORY
- D. RESOURCE\_MONITORS
- E. ACCESS\_HISTORY
- F. MASKING\_POLICIES

Question #369

Topic 1

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.
- C. A directory table will be automatically added to a stage.
- D. Directory tables do not have their own grantable privileges.
- E. Directory table data cannot be refreshed manually.

Question #370

Topic 1

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

Question #371

Topic 1

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.

Question #372

Topic 1

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

Question #373

Topic 1

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)

Question #374

Topic 1

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

Question #375

Topic 1

Which Snowflake partner specializes in data catalog solutions?

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

Question #376

Topic 1

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

Question #377

Topic 1

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

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

Question #378

Topic 1

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

Question #379

Topic 1

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.

Question #380

Topic 1

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
- D. The length of time the warehouse is running
- E. The duration of the queries that are executed

Question #381

Topic 1

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
- E. Authentication and access control

Question #382

Topic 1

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

Question #383

Topic 1

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
- C. Conducting point-in-time analysis for BI reporting
- D. Analyzing data usage/manipulation over all periods of time

Question #384

Topic 1

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

Question #385

Topic 1

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

Question #386

Topic 1

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

Question #387

Topic 1

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

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

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

Question #388

Topic 1

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

Question #389

Topic 1

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

- A. account\_usage.query\_history view
- B. account\_usage.query\_history\_archive view
- C. information\_schema.query\_history view
- D. information\_schema.query\_history\_by\_session view

Question #390

Topic 1

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

Which of the following statements will accommodate this request?

- A. ALLOW RESIZE ON WAREHOUSE MKTG\_WH TO USER MKTG\_LEAD;
- B. GRANT MODIFY ON WAREHOUSE MKTG\_WH TO ROLE MARKETING;
- C. GRANT MODIFY ON WAREHOUSE MKTG\_WH TO USER MKTG\_LEAD;
- D. GRANT OPERATE ON WAREHOUSE MKTG\_WH TO ROLE MARKET;

Question #391

*Topic 1*

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

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

Question #392

*Topic 1*

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

- A. CHECK\_JSON
- B. TO\_JSON
- C. FLATTEN
- D. PARSE\_JSON

Question #393

*Topic 1*

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
- D. Bytes spilled to local storage
- E. Partitions scanned

Question #394

*Topic 1*

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
- D. Transient tables are retained in neither Fail-safe nor Time Travel.

Question #395

Topic 1

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

Question #396

Topic 1

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.

Question #397

Topic 1

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

- A. 30 Days
- B. 60 Days
- C. 90 Days
- D. 365 Days.

Question #398

Topic 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. OPERATE
- C. MONITOR
- D. MODIFY

Question #399

Topic 1

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.

Question #400

Topic 1

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.
- 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.

Question #401

Topic 1

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

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

# Answers

q1 b  
q2 bd  
q3 b  
q4 b  
q5 a  
q6 abc  
q7 b  
q8 b  
q9 bd  
q10 a  
q11 b  
q12 c  
q13 abce  
q14 b  
q15 ac  
q16 acd  
q17 d  
q18 b  
q19 abcde - <https://docs.snowflake.com/en/user-guide/security-mfa>  
q20 b  
q21 bcd  
q22 a  
q23 d  
q24 b  
q25 a  
q26 abcd  
q27 cd  
q28 a  
q29 d  
q30 a  
q31 d - PII & HIPAA compliance supported for Business Critical Edition or higher  
q32 abd  
q33 b  
q34 b - <https://docs.snowflake.com/en/user-guide/jdbc.html>  
q35 a  
q36 b  
q37 acd  
q38 ac  
q39 a  
q40 bd  
q41 c  
q42 a  
q43 c  
q44 ab  
q45 b  
q46 acd  
q47 d  
q48 ac  
q49 abc  
q50 a  
q51 b  
q52 ac  
q53 b  
q54 d  
q55 d  
q56 ab  
q57 a  
q58 d  
q59 b  
q60 c  
q61 d

q62 c  
q63 cd  
q64 b  
q65 ab  
q66 d  
q67 a  
q68 bd  
q69 cd  
q70 d  
q71 c  
q72 b  
q73 b  
q74 a  
q75 abcd - <https://docs.snowflake.com/en/sql-reference/udf-overview.html>  
q76 bc  
q77 abcd - <https://docs.snowflake.com/en/user-guide/data-load-web-ui>  
q78 d  
q79 b  
q80 ac  
q81 bd - [ VALIDATION\_MODE = RETURN\_<n>\_ROWS | RETURN\_ERRORS | RETURN\_ALL\_ERRORS ]  
q82 d  
q83 bde  
q84 a - Some aggregate queries are answered thru micro partitions metadata only. not requiring any VW spin ups  
q85 a  
q86 a  
q87 a  
q88 a  
q89 c <https://docs.snowflake.com/en/sql-reference/data-types-structured#label-structured-types-working-flatten>  
q90 a  
q91 b  
q92 ? - if anyone every knows 100%, pls email me.  
q93 b  
q94 a  
q95 c  
q96 d  
q97 c  
q98 bc  
q99 a  
q100 d  
q101 c  
q102 b - It bills for minimum 1 minute  
q103 b  
q104 d  
q105 b  
q106 b  
q107 b  
q108 a  
q109 b - Owner is always the role, not the user.  
q110 b - if inactive means suspended, then False  
q111 b  
q112 ab  
q113 ac  
q114 b  
q115 b  
q116 a  
q117 abcd  
q118 a  
q119 a  
q120 c  
q121 bcd  
q122 a  
q123 a  
q124 a  
q125 b  
q126 b  
q127 a

q128 b  
q129 b  
q130 b  
q131 ac  
q132 b  
q133 a  
q134 b  
q135 acd  
q136 b  
q137 ae  
q138 b  
q139 a  
q140 bd  
q141 a  
q142 d  
q143 d  
q144 c  
q145 cd  
q146 ce  
q147 d  
q148 c  
q149 a  
q150 bc - <https://docs.snowflake.com/en/user-guide/intro-editions.html>  
q151 bcf  
q152 bc  
q153 c  
q154 be  
q155 b  
q156 a  
q157 bcd  
q158 c  
q159 a  
q160 a  
q161 de  
q162 b  
q163 abd  
q164 a  
q165 b  
q166 c  
q167 c  
q168 d  
q169 ce  
q170 d  
q171 bd - A. Role (ACCOUNT)  
    B. Stream (SCHEMA)  
    C. Warehouse (ACCOUNT)  
    D. External table (SCHEMA)  
    E. User (ACCOUNT)  
    F. Share (DATABASE)  
q172 be  
q173 b  
q174 d  
q175 bd - <https://docs.snowflake.com/en/sql-reference/functions/flatten#output>  
q176 b  
q177 a  
q178 a  
q179 c  
q180 d  
q181 ac  
q182 cd  
q183 ade  
q184 b  
q185 a  
q186 b  
q187 b  
q188 ad  
q189 d  
q190 de

q191 c  
q192 cd  
q193 d  
q194 bc old question, ignore.  
q195 b  
q196 b  
q197 d  
q198 c  
q199 c  
q200 c  
q201 bd  
q202 a  
q203 ae  
q204 c  
q205 be  
q206 c  
q207 de  
q208 b  
q209 d  
q210 cd  
q211 ade  
q212 d  
q213 d  
q214 b  
q215 ce  
q216 b  
q217 b  
q218 ae  
q219 ce  
q220 a  
q221 d  
q222 a  
q223 ad  
q224 ac ? Open to debate.  
q225 b  
q226 d  
q227 d  
q228 ad  
q229 cd  
q230 d  
q231 d  
q232 a  
q233 ad  
q234 a  
q235 b  
q236 b  
q237 ab - the keyword for me is "Always" ....not sure?  
q238 bc  
q239 b  
q240 a  
q241 ac  
q242 c  
q243 de  
q244 ac  
q245 b  
q246 ad  
q247 b  
q248 d  
q249 d  
q250 b  
q251 cd  
q252 c  
q253 d  
q254 b  
q255 c  
q256 b  
q257 d  
q258 d

q259 ac  
q260 bc  
q261 c  
q262 b  
q263 c  
q264 c  
q265 b  
q266 a  
q267 cd  
q268 b - [https://docs.snowflake.com/en/sql-reference/account-usage/resource\\_monitors](https://docs.snowflake.com/en/sql-reference/account-usage/resource_monitors)  
q269 d  
q270 d  
q271 ad  
q272 be  
q273 b  
q274 bd  
q275 d  
q276 ce  
q277 a  
q278 def  
q279 d  
q280 b  
q281 d  
q282 d  
q283 bd  
q284 a  
q285 de - <https://docs.snowflake.com/en/user-guide/tables-clustering-keys#label-considerations-for-choosing-clustering>  
q286 b  
q287 b  
q288 ce  
q289 b  
q290 ad  
q291 be  
q292 c  
q293 a  
q294 bc  
q295 C and D <https://docs.snowflake.com/en/sql-reference/data-types-geospatial>  
q296 d  
q297 ac  
q298 bc <https://docs.snowflake.com/en/user-guide/resource-monitors.html#actions>  
q299 c  
q300 a  
q301 ad  
q302 d - <https://docs.snowflake.com/en/sql-reference/sql/copy-into-table#reloading-files>  
q303 d  
q304 c  
q305 a  
q306 c  
q307 c  
q308 cd  
q309 c  
q310 a  
q311 c  
q312 a  
q313 a  
q314 de  
q315 d  
q316 ae  
q317 d  
q318 a  
q319 c  
q320 c  
q321 bc  
q322 be  
q323 a  
q324 c - <https://docs.snowflake.com/en/user-guide/tables-auto-reclustering>  
q325 d

q326 c  
q327 cd  
q328 be  
q329 a  
q330 a  
q331 d  
q332 a  
q333 b  
q334 a  
q335 b  
q336 a  
q337 d  
q338 bd  
q339 c  
q340 b  
q341 c - <https://docs.snowflake.com/en/user-guide/data-load-snowpipe-intro.html#load-history>  
q342 b  
q343 c  
q344 d  
q345 bd  
q346 a  
q347 d  
q348 cd  
q349 bc  
q350 b  
q351 de  
q352 c  
q353 email me if u know for sure..  
q354 a  
q355 a  
q356 bde  
q357 d  
q358 c  
q359 c  
q360 a  
q361 be  
q362 c  
q363 bce  
q364 bdf  
q365 d  
q366 bd  
q367 a  
q368 bf  
q369 bd  
q370 a  
q371 d  
q372 d  
q373 cef  
q374 b  
q375 a  
q376 c  
q377 ae  
q378 bde  
q379 cd  
q380 cd  
q381 de  
q382 c  
q383 b  
q384 a  
q385 d  
q386 d  
q387 b  
q388 a  
q389 a  
q390 b  
q391 a  
q392 c  
q393 ce

q394 c  
q395 a  
q396 ce  
q397 a  
q398 b  
q399 b  
q400 bc  
q401 de