Q1

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

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake

Q2

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

1. Standard Edition
2. Enterprise Edition
3. Business Critical Edition
4. Virtual Private Snowflake Edition

Q3

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

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake (VPS)

Q4

What computer language can be selected when creating User-Defined Functions (UDFs) using the Snowpark API?

1. Swift
2. JavaScript
3. Python
4. SQL

Q5

When referring to User-Defined Function (UDF) names in Snowflake, what does the term overloading mean?

1. There are multiple SQL UDFs with the same names and the same number of arguments.
2. There are multiple SQL UDFs with the same names and the same number of argument types.
3. There are multiple SQL UDFs with the same names but with a different number of arguments or argument types.
4. There are multiple SQL UDFs with different names but the same number of arguments or argument types.

Q6

What can a Snowflake user do in the Admin area of Snowsight?

1. Analyze query performance.
2. Write queries and execute them.
3. Provide an overview of the listings in the Snowflake Marketplace.
4. Connect to Snowflake partners to explore extended functionality.

Q7

What metadata does Snowflake store concerning all rows stored in a micro-partition? (Choose two.)

1. A count of the number of total values in the micro-partition
2. The range of values for each partition in the micro-partition
3. The range of values for each of the rows in the micro-partition
4. The range of values for each of the columns in the micro-partition
5. The number of distinct values for each column in the micro-partition

Q8

What is the expiration period for a file URL used to access unstructured data in cloud storage?

1. The remainder of the session
2. An unlimited amount of time
3. The length of time specified in the expiration\_time argument
4. The same length of time as the expiration period for the query results cache

Q9

Which features are included in Snowsight? (Choose two.)

1. Worksheet sharing
2. Referencing SnowSQL
3. Exploring the Snowflake Marketplace
4. Changing the Snowflake account cloud provider
5. Downloading query result data larger than 100 MB

Q10

How long can a data consumer who has a pre-signed URL access data files using Snowflake?

1. Indefinitely
2. Until the result\_cache expires
3. Until the retention\_time is met
4. Until the expiration\_time is exceeded

Q11

What happens when a Snowflake user changes the data retention period at the schema level?

1. All child objects will retain data for the new retention period.
2. All child objects that do not have an explicit retention period will automatically inherit the new retention period.
3. All child objects with an explicit retention period will be overridden with the new retention period.
4. All explicit child object retention periods will remain unchanged.

Q12

Which Snowflake function is maintained separately from the data and helps to support features such as Time Travel, Secure Data Sharing, and pruning?

1. Column compression
2. Data clustering
3. Micro-partitioning
4. Metadata management

Q13

Which statements describe benefits of Snowflake's separation of compute and storage? (Choose two.)

1. The separation allows independent scaling of computing resources.
2. The separation ensures consistent data encryption across all virtual data warehouses.
3. The separation supports automatic conversion of semi-structured data into structured data for advanced data analysis.
4. Storage volume growth and compute usage growth can be tightly coupled.
5. Compute can be scaled up or down without the requirement to add more storage.

Q14

What is the primary purpose of a directory table in Snowflake?

1. To store actual data from external stages
2. To automatically expire file URLs for security
3. To manage user privileges and access control
4. To store file-level metadata about data files in a stage

Q15

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

1. Temporary tables
2. Permanent tables
3. Transient tables
4. External tables
5. User-Defined Table Functions (UDTFs)

Q16

Which metadata table will store the storage utilization information even for dropped tables?

1. DATABASE\_STORAGE\_USAGE\_HISTORY
2. TABLE\_STORAGE\_METRICS
3. STORAGE\_DAILY\_HISTORY
4. STAGE\_STORAGE\_USAGE\_HISTORY

Q17

How is role hierarchy established in Snowflake?

1. By assigning users to roles
2. By default when a role is created
3. By granting one role to another role
4. By transferring ownership of one role to another role

Q18

What commands can be used to see what files are stored in a stage? (Choose two.)

1. LIST
2. SELECT
3. LS
4. GET
5. DESCRIBE

Q19

Which stages are created by default, with no need to use the CREATE STAGE command? (Choose two.)

1. External stage
2. Internal stage
3. Named stage
4. Table stage
5. User stage

Q20

While working with unstructured data, which file function generates a Snowflake-hosted file URL to a staged file using the stage name and relative file path as inputs?

1. BUILD\_STAGE\_FILE\_URL
2. GET\_ABSOLUTE\_PATH
3. BUILD\_SCOPED\_FILE\_URL
4. GET\_PRESIGNED\_URL

Q21

Who can create and manage reader accounts? (Choose two.)

1. A user with ACCOUNTADMIN role
2. A user with SECURITYADMIN role
3. A user with SYSADMIN role
4. A user with ORGADMIN role
5. A user with CREATE ACCOUNT privilege

Q22

Which command allows for continuous loading of data files as soon as they are available in a stage?

1. COPY INTO <table>
2. PUT
3. CREATE PIPE
4. GET

Q23

What is an advantage of using database roles instead of granting privileges on objects directly to a share in Snowflake?

1. Easier management of cross-region data sharing
2. Greater flexibility in including objects from multiple databases
3. More control over object-level access for different user groups
4. Reduction in the number of shares required for different objects in the same database

Q24

What is the order of precedence (highest to lowest) of network policies when applied at the account, user, and security integrations layers?

1. Account, user, security integration
2. Account, security integration, user
3. User, security integration, account
4. User, account, security integration

Q25

Which type of Snowflake virtual warehouse provides 16 times the memory for each node, and is recommended for larger workloads like Machine Learning (ML) training?

1. A size 6XL warehouse
2. A standard warehouse
3. A multi-cluster warehouse
4. A Snowpark-optimized warehouse

Q26

Which common query issues can be identified by the Query Profile? (Choose two.)

1. Insufficient credit quota
2. Inefficient query pruning
3. Excessive query pruning
4. Exploding joins
5. Credit usage that exceeds a set threshold

Q27

In Snowflake, what allows users to perform recursive queries?

1. QUALIFY
2. LATERAL
3. PIVOT
4. CONNECT BY

Q28

A user wants to create objects within a schema but wants to restrict other users’ ability to grant privileges on these objects.

What configuration should be used to create the schema?

1. Use a regular (non-managed) schema.
2. Use a managed access schema.
3. Use a transient schema.
4. Set the Default\_DDL\_Collation parameter.

Q29

What is the MOST cost-effective way to resolve memory spillage in a virtual warehouse?

1. Enable automatic clustering.
2. Enable the query acceleration service.
3. Enable the search optimization service.
4. Convert to a Snowpark-optimized warehouse.

Q30

What objects in Snowflake are supported by Dynamic Data Masking? (Choose two.)

1. Views
2. Materialized views
3. Tables
4. External tables
5. Future grants

Q31

A user has created a dashboard in Snowflake and wants to share it with colleagues.

How can the dashboard be shared?

1. By creating a private Data Exchange
2. By using the share option within Snowsight
3. By using a Direct Share with another account
4. By creating a listing on Snowflake Marketplace

Q32

When would Snowsight automatically detect if a target account is in a different region and enable cross-cloud auto-fulfillment?

1. When using a paid listing on the Snowflake Marktetplace
2. When using a private listing on the Snowflake Marketplace
3. When using a personalized listing on the Snowflake Marketplace
4. When using a Direct Share with another account

Q33

Which languages require that User-Defined Function (UDF) handlers be written inline? (Choose two.)

1. Java
2. Javascript
3. Scala
4. Python
5. SQL

Q34

Which task privilege does a Snowflake role need in order to suspend or resume a task?

1. USAGE
2. OPERATE
3. MONITOR
4. OWNERSHIP

Q35

What is a directory table in Snowflake?

1. A separate database object that is used to store file-level metadata.
2. An object layered on a stage that is used to store file-level metadata.
3. A database object with grantable privileges for unstructured data tasks.
4. A Snowflake table specifically designed for storing unstructured files.

Q36

What factors impact storage costs in Snowflake? (Choose two.)

1. The account type
2. The storage file format
3. The cloud region used by the account
4. The type of data being stored
5. The cloud platform being used

Q37

Which ACCOUNT\_USAGE schema database role provides visibility into policy-related information?

1. USAGE\_VIEWER
2. GOVERNANCE\_VIEWER
3. OBJECT\_VIEWER
4. SECURITY\_VIEWER

Q38

How should clustering be used to optimize the performance of queries that run on a very large table?

1. Manually re-cluster the table regularly.
2. Choose one high cardinality column as the clustering key.
3. Use the column that is most-frequently used in query select clauses as the clustering key.
4. Assess the average table depth to identify how clustering is impacting the query.

Q39

Which privilege must be granted by one role to another role, and cannot be revoked?

1. MONITOR
2. OPERATE
3. OWNERSHIP
4. ALL

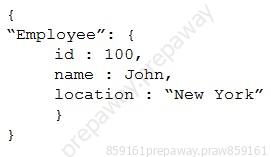
Q40

How can performance be optimized for a query that returns a small amount of data from a very large base table?

1. Use clustering keys
2. Create materialized views
3. Use the search optimization service
4. Use the query acceleration service

Q41

A column named “Data” contains VARIANT data and stores values as follows:



How will Snowflake extract the employee’s name from the column data?

1. Data:employee.name
2. DATA:employee.name
3. data:Employee.name
4. data:employee.name

Q42

Use of which Snowflake function is recommended when unloading data from a relational table into a JSON file?

1. TO\_JSON
2. TO\_VARIANT
3. OBJECT\_INSERT
4. OBJECT\_CONSTRUCT

Q43

Which command should be used to generate a single file when unloading data from a Snowflake table into a file?

1. PARTITION BY <expr>
2. MAX\_FILE\_SIZE = 0
3. SINGLE = TRUE
4. OVERWRITE = TRUE

Q44

Which function can be used to convert semi-structured data into rows and columns?

1. TABLE
2. FLATTEN
3. PARSE\_JSON
4. JSON\_EXTRACT\_PATH\_TEXT

Q45

What user setting can be configured to disable Multi-Factor Authentication (MFA) for a Snowflake user? (Choose two.)

1. DISABLE\_MFA
2. MINS\_TO\_BYPASS\_MFA
3. PASSWORD
4. MINS\_TO\_UNLOCK
5. MUST\_CHANGE\_PASSWORD

Q46

Which table type has a Fail-safe period of 7 days?

1. Temporary table
2. Transient table
3. Permanent table
4. External table

Q47

How does Snowflake enable OAuth?

1. By creating an external integration
2. By configuring a security integration
3. By establishing IP allowed lists and IP blocked lists
4. By using SnowSQL to enable an external OAuth using the Snowflake protocol

Q48

Which type of workload traditionally benefits from the use of the query acceleration service?

1. Workloads with a predictable data volume for each query
2. Workloads that include on-demand data analyses
3. Queries with small scans and non-selective filters
4. Queries that do not have filters or aggregation

Q49

Which Snowflake object is supported by both database replication and replication groups?

1. Pipes
2. Users
3. Stages
4. Materialized views

Q50

When unloading data, which combination of parameters should be used to differentiate between empty strings and NULL values? (Choose two.)

1. ESCAPE\_UNENCLOSED\_FIELD
2. REPLACE\_INVALID\_CHARACTERS
3. FIELD\_OPTIONALLY\_ENCLOSED\_BY
4. EMPTY\_FIELD\_AS\_NULL
5. SKIP\_BLANK\_LINES

Q51

Which role must be used to create resource monitors?

1. SECURITYADMIN
2. ACCOUNTADMIN
3. SYSADMIN
4. ORGADMIN

Q52

What step does Snowflake recommend when loading data from a stage?

1. Use PURGE when using the COPY INTO <table> command.
2. Use REMOVE when using the COPY INTO <table> command.
3. Use the LOAD HISTORY function to view the status of loaded files.
4. Use the COPY HISTORY function to update the status of loaded files.

Q53

How can a user MINIMIZE Continuous Data Protection costs when using large, high-churn, dimension tables?

1. Create transient tables and periodically copy them to permanent tables.
2. Create temporary tables and periodically copy them to permanent tables.
3. Create regular tables with extended Time Travel and Fail-safe settings.
4. Create regular tables with default Time Travel and Fail-safe settings.

Q54

Which Snowsight feature can be used to perform data manipulations and transformations using a programming language?

1. SnowSQL
2. Dashboards
3. Python worksheets
4. Provider Studio

Q55

In Snowflake's data security framework, how does column-level security contribute to the protection of sensitive information? (Choose two.)

1. Implementation of column-level security will optimize query performance.
2. Column-level security supports encryption of the entire database.
3. Column-level security ensures that only the table owner can access the data.
4. Column-level security limits access to specific columns within a table based on user privileges.
5. Column-level security allows the application of a masking policy to a column within a table or view.

Q56

How does Snowflake utilize clustering information to improve query performance?

1. It prunes unnecessary micro-partitions based on clustering metadata.
2. It compresses the data within micro-partitions for faster querying.
3. It automatically allocates additional resources to improve query execution.
4. It organizes clustering information to speed-up data retrieval from storage.

Q57

How can staged files be removed during data loading once the files have loaded successfully?

1. Use the DROP command.
2. Use the PURGE copy option.
3. Use the FORCE = TRUE parameter.
4. Use the LOAD\_UNCERTAIN\_FILES copy option.

Q58

What objects can be cloned within Snowflake? (Choose two.)

1. Schemas
2. Users
3. External tables
4. Internal named stages
5. External named stages

Q59

What can be used to process unstructured data?

1. External tables
2. The COPY INTO <table> command
3. External functions
4. Snowpipe

Q60

Which type of workload is recommended for Snowpark-optimized virtual warehouses?

1. Workloads with ad hoc analytics
2. Workloads that have large memory requirements
3. Workloads with unpredictable data volumes for each query
4. Workloads that are queried with small table scans and selective filters

Q61

What is the benefit of using the STRIP\_OUTER\_ARRAY parameter with the COPY INTO <table> command when loading data from a JSON file into a table?

1. It flattens multiple arrays into a single array.
2. It removes the outer array structure and loads separate rows of data.
3. It transforms a pivoted table into an array.
4. It tokenizes each data string using the defined delimiters.

Q62

A query containing a WHERE clause is running longer than expected. The Query Profile shows that all micro-partitions being scanned.

How should this query be optimized?

1. Create a view on the table.
2. Add a clustering key to the table.
3. Add a LIMIT clause to the query.
4. Add a Dynamic Data Masking policy to the table.

Q63

Which access control entity in Snowflake can be created as part of a hierarchy within an account?

1. Securable object
2. Role
3. Privilege
4. User

Q64

When an object is created in Snowflake, who owns the object?

1. The public role
2. The user's default role
3. The current active primary role
4. The owner of the parent schema

Q65

What is the MINIMUM Snowflake edition that must be used in order to see the ACCESS\_HISTORY view?

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake (VPS)

Q66

Which role is responsible for managing the billing and credit data within Snowflake?

1. ORGADMIN
2. ACCOUNTADMIN
3. SYSADMIN
4. SECURITYADMIN

Q67

What can be used to identify the database, schema, stage, and file path to a set of files, and to allow a role that has sufficient privileges on the stage to access the files?

1. A scoped URL
2. A file URL
3. A pre-signed URL
4. A directory table

Q68

Which command is used to remove files from either external cloud storage or an internal stage?

1. DELETE
2. REMOVE
3. TRUNCATE
4. DROP

Q69

How does Snowflake recommend defining a clustering key on a high-cardinality column that includes a 15 digit ID numbered column, ID\_NUMBER?

1. TRUNC(ID\_NUMBER, -6)
2. TRUNC(ID\_NUMBER, 5)
3. ID\_NUMBER\*100
4. TO\_CHAR(ID\_NUMBER)

Q70

While unloading data into a stage, how can the user ensure that the output will be a single file?

1. Use the COPY option FILES=SINGLE.
2. Use the COPY option SINGLE=TRUE.
3. Use the GET option SINGLE=TRUE.
4. Use the GET option FILES=SINGLE.

Q71

Which query types will have significant performance improvement when run using the search optimization service? (Choose two.)

1. Range searches
2. Equality searches
3. Substring searches
4. Queries with IN predicates
5. Queries with aggregation

Q72

Which Query Profile operator is considered a DML operator?

1. ExternalScan
2. Flatten
3. Merge
4. Sort

Q73

Masking policies are created at what level in Snowflake?

1. Table
2. Column
3. Schema
4. Database

Q74

What would cause different results to be returned when running the same query twice?

1. SAMPLE is used and the seed is set.
2. SAMPLE is used and the seed is not set.
3. Fraction-based sampling is used.
4. Fixed-size sampling is used.

Q75

What are type predicates used for?

1. Extracting data from a VARIANT column
2. Casting a value in a VARIANT column to a particular data type
3. Determining if a value in a VARIANT column is a particular data type
4. Manipulating objects and arrays in a VARIANT column

Q76

Which table function is used to perform additional processing on the results of a previously-run query?

1. QUERY\_HISTORY
2. RESULT\_SCAN
3. DESCRIBE\_RESULTS
4. QUERY\_HISTORY\_BY\_SESSION

Q77

Which actions can be performed using a resource monitor in Snowflake? (Choose two.)

1. Monitor the performance of individual queries in real-time.
2. Automatically allocate more storage space to a virtual warehouse.
3. Modify the queries being executed within a virtual warehouse.
4. Suspend a virtual warehouse when its credit usage reaches a defined limit.
5. Trigger a notification to account administrators when credit usage reaches a specified threshold.

Q78

Which Snowflake native tool can be used to diagnose and troubleshoot network connections?

1. SnowSQL
2. Snowflake Python connector
3. Snowsight
4. SnowCD

Q79

Why would a Snowflake user load JSON data into a VARIANT column instead of a string column?

1. A VARIANT column is more secure than a string column.
2. A VARIANT column compresses data and a string column does not.
3. A VARIANT column can be used to create a data hierarchy and a string column cannot.
4. A VARIANT column will have a better query performance than a string column.

Q80

How can a 5 GB table be downloaded into a single file MOST efficiently?

1. Keep the default MAX\_FILE\_SIZE to 16 MB.
2. Set the default MAX\_FILE\_SIZE to 5 GB.
3. Set the SINGLE parameter to TRUE.
4. Use a regular expression in the stage specifications of the COPY command.

Q81

Which security models are used in Snowflake to manage access control? (Choose two.)

1. Discretionary Access Control (DAC)
2. Identity Access Management (IAM)
3. Mandatory Access Control (MAC)
4. Role-Based Access Control (RBAC)
5. Security Assertion Markup Language (SAML)

Q82

Which Snowflake governance feature allows users to assign metadata labels to improve data governance and database access control?

1. Secure functions
2. Secure views
3. Object tagging
4. Row-level security

Q83

What is the MINIMUM Snowflake edition that supports database replication?

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake (VPS)

Q84

Which Snowflake function and command combination should be used to convert rows in a relational table to a single VARIANT column, and unload the rows into a file in JSON format? (Choose two.)

1. PUT
2. GET
3. COPY
4. EXPORT
5. OBJECT\_CONSTRUCT

Q85

What Snowflake recommendation is designed to ensure that staged data is only loaded once?

1. Partitioning staged data files
2. Loading only the most recently-staged data files
3. Removing data files after loading
4. Identifying and removing duplicates after each data load

Q86

Which privilege grants the ability to set a column-level security masking policy on a table or view column?

1. APPLY
2. CREATE
3. SET
4. MODIFY

Q87

When sharing data in Snowflake, what privileges does a Provider need to grant along with a share? (Choose two.)

1. USAGE on the specific tables in the database.
2. MODIFY on the specific tables in the database.
3. SELECT on the specific tables in the database.
4. USAGE on the database and the schema containing the tables to share.
5. OPERATE on the database and the schema containing the tables to share.

Q88

How can the Query Profile be used to troubleshoot a problematic query?

1. It will indicate if a virtual warehouse memory is too small to run the query.
2. It will indicate if a user lacks the privileges needed to run the query.
3. It will indicate if a virtual warehouse is in auto-scale mode.
4. It will indicate if the user has enough Snowflake credits to run the query.

Q89

Which data type can be used for floating-point numbers without losing precision?

1. BINARY
2. VARIANT
3. INTEGER
4. DOUBLE

Q90

Which data sharing option allows a Snowflake user to set up and manage a group of accounts and offer a share to that group?

1. Free listing
2. Paid listing
3. Direct share
4. Data Exchange

Q91

What kind of authentication do Snowpipe REST endpoints use?

1. OAuth
2. Key-based
3. Username and password
4. Single Sign-On (SSO)

Q92

What are the possible values within a METADATA$ACTION column in a Snowflake stream? (Choose two.)

1. INSERT
2. UPDATE
3. DELETE
4. TRUNCATE
5. UPSERT

Q93

What is the MINIMUM Snowflake edition that offers data protection for extremely sensitive data, such as Protected Health Information (PHI)?

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake (VPS)

Q94

What takes the highest precedence in Snowflake file format options, when specified in multiple locations during data loading?

1. The stage definition
2. The table definition
3. The use of a COPY INTO <table> statement
4. The use of a COPY INTO <location> statement

Q95

Which service or tool is a Command Line Interface (CLI) client used for connecting to Snowflake to execute SQL queries?

1. Snowsight
2. SnowCD
3. Snowpark
4. SnowSQL

Q96

What Snowflake objects can contain custom application logic written in JavaScript? (Choose two.)

1. Stored procedures
2. Stages
3. Tasks
4. Views
5. User-Defined Functions (UDFs)

Q97

What is the MINIMUM Snowflake edition required to use the column-level security feature?

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake (VPS)

Q98

Which command should be used to assign a key to a Snowflake user who needs to connect using key pair authentication?

1. ALTER USER jsmith SET RSA\_P8\_KEY='MIIBIjANBgkqh...';
2. ALTER USER jsmith SET ENCRYPTED\_KEY='MIIBIjANBgkqh...';
3. ALTER USER jsmith SET RSA\_PRIVATE\_KEY='MIIBIjANBgkqh...';
4. ALTER USER jsmith SET RSA\_PUBLIC\_KEY='MIIBIjANBgkqh...';

Q99

Secured Data Sharing is allowed for which Snowflake database objects? (Choose two.)

1. Tables
2. User-Defined Table Functions (UDTFs)
3. Secure views
4. Stored procedures
5. Worksheets

Q100

What optional properties can a Snowflake user set when creating a virtual warehouse? (Choose two.)

1. Auto-suspend
2. Cache size
3. Default role
4. Resource monitor
5. Storage size

Q101

What is the purpose of the use of the VALIDATE command?

1. To view any queries that encountered an error
2. To verify that a SELECT query will run without error
3. To prevent a PUT statement from running if an error occurs
4. To see all errors from a previously run COPY INTO <table> statement

Q102

Which function is used to unload a relational table into a JSON file?

1. PARSE\_JSON
2. JSON\_EXTRACT\_PATH\_TEXT
3. OBJECT\_CONSTRUCT
4. TO\_JSON

Q103

How can the ACCESS\_HISTORY view in the ACCOUNT\_USAGE schema be used to review the data governance settings for an account? (Choose two.)

1. Identify queries run by a particular user.
2. Identify access to the roles given to a user.
3. Identify SQL statements that failed to run.
4. Identify objects that were modified by a query.
5. Identify object dependencies.

Q104

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

1. GET
2. CREATE STAGE
3. COPY INTO <location>
4. PUT

Q105

What should an account administrator do to help a user log into Snowflake, if the user cannot authenticate using Multi-Factor Authentication (MFA)?

1. Set DISABLE\_MFA to TRUE for the user.
2. Set MINS\_TO\_BYPASS\_MFA equal to 0 for the user.
3. Set ALLOW\_ID\_TOKEN to FALSE for the user.
4. Set ALLOW\_CLIENT\_MFA\_CACHING to FALSE for the user.

Q106

Which command can be executed from a reader account?

1. INSERT
2. CREATE SHARE
3. SHOW PROCEDURES
4. COPY INTO <location>

Q107

Which command line parameter value can be pre-specified as an environment variable in SnowSQL?

1. HOST
2. VARIABLE
3. OPTION
4. MFA-PASSCODE

Q108

Which command is used to determine the file name of each row of data from a staged file?

1. SHOW FILE FORMATS
2. SELECT METADATA$FILE\_CONTENT\_KEY
3. METADATA$FILE\_ROW\_NUMBER
4. SELECT METADATA$FILENAME

Q109

Which Snowflake feature improves the performance of point lookup queries?

1. Materialized views
2. Automatic clustering
3. Query acceleration service
4. Search optimization service

Q110

What is the impact of selecting one Snowflake edition over another? (Choose two.)

1. The edition will impact the unit costs for storage.
2. The edition will impact which regions can be accessed by the accounts.
3. The edition will determine the unit costs for the compute credits.
4. The edition will impact the total allowed storage space.
5. The edition will set a limit on the number of compute credits that can be consumed.

Q111

In a managed access schema, only the schema owner or a role with what privilege can help centralize privilege management?

1. USAGE
2. OPERATE
3. MANAGE GRANTS
4. IMPORTED PRIVILEGES

Q112

A Snowflake user wants to design a series of transformations that need to be executed in a specific order, on a given schedule.

What Snowflake objects should be used?

1. Pipes
2. Tasks
3. Streams
4. Sequences

Q113

Which command should be used to drop files from an internal or external stage?

1. DELETE
2. DROP
3. REMOVE
4. TRUNCATE

Q114

Which parameters can be used together to ensure that a virtual warehouse never has a backlog of queued SQL statements? (Choose two.)

1. STATEMENT\_QUEUED\_TIMEOUT\_IN\_SECONDS
2. STATEMENT\_TIMEOUT\_IN\_SECONDS
3. DATA\_RETENTION\_TIME\_IN\_DAYS
4. MAX\_CONCURRENCY\_LEVEL
5. MAX\_DATA\_EXTENSION\_TIME\_IN\_DAYS

Q115

What action should be taken if a large number of concurrent queries are queued in a virtual warehouse?

1. Scale-up by resizing the warehouse.
2. Scale-out with a multi-cluster warehouse.
3. Disable auto-suspend on the warehouse.
4. Enable auto-resume on the warehouse.

Q116

Which feature is supported in column-level security in Snowflake?

1. Object tagging
2. Data classification
3. External tokenization
4. Tag-based masking policies

Q117

A network policy applied at the user level takes precedence over a network policy applied to what Snowflake object?

1. A role
2. An account
3. A database
4. An organization

Q118

Which Snowflake storage object can be used to store data beyond a single session and will not incur Fail-safe costs?

1. Permanent table
2. External table
3. Temporary table
4. Transient table

Q119

Which data sharing mechanism can be used to share data privately or publicly within the Snowflake Marketplace?

1. Listing
2. Direct share
3. Reader account
4. Data Exchange

Q120

What metrics will the SHOW TABLES command in Snowsight provide?

1. Time Travel bytes
2. Active bytes
3. Fail-safe bytes
4. Retained for clone bytes

Q121

An external stage, my\_stage contains many directories, including one, app\_files that contains CSV files.

How can all the CSV files from this directory be moved into table my\_table without scanning files that are not needed?

1. COPY INTO my\_table FROM @my\_stage PATTERN='.\*[.]csv';
2. COPY INTO my\_table FROM @my\_stage/app\_files PATTERN='.\*[.]csv';
3. COPY INTO my\_table FROM @my\_stage/app\_files PATTERN='.\*[.]txt';
4. COPY INTO my\_table FROM @my\_stage PATTERN='.\*[.]txt';

Q122

Using which object-level parameters will help limit query processing and concurrency slowdowns? (Choose two.)

1. MULTI\_STATEMENT\_COUNT
2. ENABLE\_QUERY\_ACCELERATION
3. STATEMENT\_TIMEOUT\_IN\_SECONDS
4. STATEMENT\_QUEUED\_TIMEOUT\_IN\_SECONDS
5. QUERY\_ACCELERATION\_MAX\_SCALE\_FACTOR

Q123

The ORDERS table contains 12,000 rows.

Which query will return 10 rows that are randomly sampled from the table every time the query is run?

1. select \* from ORDERS fetch 10;
2. select \* from ORDERS limit 10;
3. select \* from ORDERS sample (10);
4. select \* from ORDERS tablesample (10 rows);

Q124

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

1. PARSE\_JSON
2. FLATTEN
3. OBJECT\_CONSTRUCT
4. OBJECT\_AGG

Q125

What triggers the automated maintenance of a table's clustering key after it has been defined?

1. A scheduled task established by the ORGADMIN.
2. A time-based schedule set by the user.
3. A Snowflake determination based on the table size.
4. A Snowflake determination that the table will benefit from maintenance.

Q126

Which Snowflake object will consume credits during automatic background maintenance?

1. View
2. Table
3. External table
4. Materialized view

Q127

Snowflake users can create a resource monitor at which levels? (Choose two.)

1. User level
2. Pipe level
3. Account level
4. Cloud services level
5. Virtual warehouse level

Q128

Which Snowflake objects can be secured to protect data privacy? (Choose two.)

1. Schemas
2. Stages
3. Views
4. Materialized views
5. Tags

Q129

How does Snowflake optimize queries on tables by leveraging the sorting and storage of data within micro-partitions?

1. The data is pruned by column to eliminate unnecessary micro-partitions, then the rows within the remaining micro-partitions are filtered.
2. The data is pruned by micro-partitions based on column values, then rows within the remaining micro-partitions are filtered.
3. Any micro-partitions that are not needed for the query are pruned, then the data within the remaining micro-partitions is pruned by column.
4. The data within micro-partitions is sorted by rows, then the columns are filtered based on the query conditions.

Q130

Which resource monitor setting will cancel all active queries in a virtual warehouse when the threshold is met?

1. NOTIFY
2. NOTIFY\_USERS
3. SUSPEND
4. SUSPEND\_IMMEDIATE

Q131

What role should be used when creating a new user?

1. ORGADMIN
2. SECURITYADMIN
3. USERADMIN
4. SYSADMIN

Q132

Which ACCOUNT\_USAGE view will identify long-running queries?

1. DATA\_TRANSFER\_HISTORY
2. TASK\_HISTORY
3. QUERY\_HISTORY
4. METERING\_DAILY\_HISTORY

Q133

When sharing data among multiple Snowflake accounts, what charges are incurred by a data consumer when viewing shared data using their own account?

1. Cloud services charges
2. Compute charges
3. Data storage charges
4. Data egress charges

Q134

What is the MINIMUM Snowflake edition required to use the query acceleration service?

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake (VPS)

Q135

Which objects can be cloned in Snowflake? (Choose two.)

1. Virtual warehouses
2. Internal named stages
3. External named stages
4. Dynamic tables
5. External tables

Q136

What happens to foreign key constraints when a table is cloned to another database?

1. All referenced tables will be cloned.
2. The cloned table will reference the primary key in the source table.
3. The cloned table will lose all references to the primary key.
4. The cloned table will lose all references to the foreign and primary keys

Q137

What step must be taken to ensure that a user can only access Snowsight from a specific location, or when working from home?

1. Use a company Virtual Private Network (VPN) connection.
2. Use Multi-Factor Authentication (MFA).
3. Use Single Sign-On (SSO).
4. Add the user's IP address to the network policy allowed list.

Q138

What actions will trigger a data pipe to load? (Choose two.)

1. Use of an INSERT statement
2. Use of a COPY INTO <table> statement
3. Use of the insertFiles REST endpoint
4. Use of the insertReport REST endpoint
5. Set the pipe parameter to auto-ingest

Q139

What does a Query Profile metric that shows excessive spillage indicate?

1. Poor query optimization
2. Expired temporary tables
3. Improper virtual warehouse sizing
4. Improper Common Table Expressions (CTEs)

Q140

A query is using more credits than expected. The Query Profile shows that a majority of the query execution is spent on remote disk I/O.

How can this be prevented in the future?

1. Convert the virtual warehouse to Maximized mode.
2. Increase the size of the virtual warehouse.
3. Increase the auto suspend time in the virtual warehouse.
4. Increase the number of clusters in the virtual warehouse.

Q141

In a SPLIT\_PART function, what will the returned value be if the partNumber is out of range?

1. −1
2. An empty string
3. The full string
4. An error

Q142

From which locations can data files be downloaded using the GET command? (Choose two.)

1. External stage
2. Table stage
3. User stage
4. Directory table
5. Permanent table

Q143

What Snowflake features are recommended to restrict unauthorized users from accessing Personal Identifiable Information (PII)? (Choose two.)

1. Dynamic Data Masking
2. Transient tables
3. Secure views
4. Multi-Factor Authentication (MFA)
5. Data encryption

Q144

Which Snowflake keywords help retrieve data without the need to completely scan a table? (Choose two.)

1. TOP <n>
2. LIMIT
3. FETCH
4. SAMPLE
5. TABLESAMPLE

Q145

A security review identified several roles that are no longer being used.

Which of the roles can be dropped?

1. ACCOUNTADMIN
2. USERADMIN
3. FINANCEADMIN
4. PUBLIC

Q146

A complex query has been running in Snowsight for more than one hour. At the same time, several other queries from other worksheets ran successfully.

What is FASTEST way to cancel the long-running query?

1. Immediately suspend the virtual warehouse that the query is running on.
2. Return to the worksheet and abort the query.
3. Set the auto\_suspend virtual warehouse property to 0.
4. Find the query in the query activity view and cancel the query.

Q147

How can a Snowflake user automate virtual warehouse operations for optimal credit consumption? (Choose two.)

1. Auto-resume when a query is in a queue.
2. Auto-resume after a set time period.
3. Auto-suspend while the query is being written.
4. Auto-suspend after a set time period.
5. Auto-suspend after a specified period of inactivity.

Q148

Auto-suspend after a specified period of inactivity.

1. Time Travel
2. Cloning
3. Replication
4. Fail-safe

Q149

A single cluster virtual warehouse has no free resources.

What will happen to new queries that are run against this warehouse?

1. The queries will be assigned to another virtual warehouse.
2. The queries will be skipped.
3. The queries will be placed in a queue.
4. The warehouse will automatically resize and execute the queries.

Q150

How does the search optimization service improve query performance?

1. By clustering the tables
2. By creating a persistent data structure
3. By using caching
4. By optimizing the use of micro-partitions

Q151

Use of what parameter will allow files to be loaded even if the file metadata has expired?

1. MATCH\_BY\_COLUMN\_NAME = CASE\_INSENSITIVE
2. ENFORCE\_LENGTH = TRUE
3. PURGE = TRUE
4. LOAD\_UNCERTAIN\_FILES = TRUE

Q152

How can a Data Exchange Administrator provide a user with account access to a Data Exchange?

1. Grant the user the USERADMIN role.
2. Add the user to the Data Exchange.
3. Enable the IMPORT SHARE privilege and grant this privilege to the user.
4. Create a new database for the Data Exchange and provide access to the user.

Q153

Which features can be used with the Snowflake Standard edition? (Choose two.)

1. Materialized views
2. External functions
3. Multi-cluster virtual warehouses
4. Fail-safe
5. Row-level security

Q154

Which function will generate a URL that can be accessed by a non-Snowflake user?

1. GET\_PRESIGNED\_URL
2. GET\_STAGE\_LOCATION
3. BUILD\_SCOPED\_FILE\_URL
4. BUILD\_STAGE\_FILE\_URL

Q155

What are valid values for the FIELD\_OPTIONALLY\_ENCLOSED\_BY option in the COPY INTO <location> command used during data unloading? (Choose two.)

1. Single quote character (')
2. NULL
3. 'NULL'
4. NONE
5. 'NONE'

Q156

What identifiers are supported when creating a Snowflake account hostname? (Choose two.)

1. Cloud region
2. Snowflake domain
3. Account name
4. Account locator
5. Account cloud platform

Q157

Which virtual warehouse auto-suspend configurations will result in a warehouse that runs continually, 24 hours a day, 7 days a week? (Choose two.)

1. −1
2. 0
3. 86400
4. 172800
5. NULL

Q158

What kind of value does a User-Defined Function (UDF) return? (Choose two.)

1. Dictionary
2. List
3. Object
4. Scalar
5. Tabular

Q159

Which command can be performed on a Snowflake secure view?

1. SELECT
2. INSERT
3. UPDATE
4. DELETE

Q160

Which database objects can be shared with Secure Data Sharing? (Choose two.)

1. Views
2. Materialized views
3. External stages
4. External tables
5. Dynamic tables

Q161

When a transient table in Snowflake is dropped, what happens to the table?

1. The table is no longer available for use.
2. The table can be undropped using Fail-safe.
3. The table can be recovered for 1 day only and after that it is no longer available.
4. The table can be recovered only with the assistance of Snowflake Support.

Q162

A data provider needs to securely collaborate with data consumers who do not reside in the same region.

What Snowflake sharing mechanism should be used?

1. Direct share
2. Data Exchange
3. Data replication
4. Listing

Q163

A user needs to know the maximum value of a date field in a table, and runs the following query:

select max(o\_orderdate) from ORDERS;

Which part of Snowflake architecture will this query use?

1. Database Storage
2. Query Processing
3. Cloud Services
4. Compute

Q164

A Snowflake user accidentally deleted a table. The table no longer exists but the session is within the data retention period.

How can the table be restored using the LEAST amount of operational overhead?

1. Clone the table schema as it existed before the table was dropped.
2. Clone the database as it existed before the table was dropped
3. Recreate the table and reload the data.
4. Run the UNDROP command against the table.

Q165

When cloning a schema, which Snowflake object will not be included in the clone?

1. An external stage
2. A named internal stage
3. A task
4. A User-Defined Function (UDF)

Q166

Which command will change the name of shared database role r1 to r4?

1. ALTER ROLE d1.r1 RENAME TO d1.r4;
2. ALTER ROLE d1.r1 RENAME TO d2.r4;
3. ALTER DATABASE ROLE d1.r1 RENAME TO d2.r4;
4. ALTER DATABASE ROLE d1.r1 RENAME TO d1.r4;

Q167

What does the Remote Disk I/O statistic in the Query Profile indicate?

1. Time spent reading from the result cache.
2. Time spent reading from the virtual warehouse cache.
3. Time when the query processing was blocked by remote disk access.
4. The level of network activity between the Cloud Services layer and the virtual warehouse.

Q168

Use of which virtual warehouse or warehouse configuration will improve the performance of workloads that have large memory requirements, such as Machine Learning (ML) training using a stored procedure?

1. Snowpark-optimized warehouse
2. Standard warehouse
3. Multi-cluster warehouse
4. Serverless compute

Q169

Which role has the privileges to describe a share?

1. ORGADMIN
2. SECURITYADMIN
3. SYSADMIN
4. ACCOUNTADMIN

Q170

This command is executed:

CREATE TABLE new\_table CLONE existing\_table COPY GRANT;

What will happen to the privileges of any cloned objects?

1. The clone will only inherit SELECT privileges from the source object.
2. The clone will inherit all privileges, including OWNERSHIP, from the source object.
3. The clone will inherit all privileges except OWNERSHIP from the source object.
4. The clone will not inherit any privileges from the source object.

Q171

Where does Snowflake store the data output from a query that was executed in the past 24 hours?

1. In a micro-partition
2. In a remote disk
3. In the result cache layer
4. In the local disk cache layer

Q172

What is the default authenticator while using the JDBC driver connection in Snowflake?

1. externalbrowser
2. snowlake
3. username\_password\_mfa
4. snowflake\_jwt

Q173

When will Snowflake charge credits for the use of the Cloud Services layer?

1. Credits will be charged whenever the Cloud Services layer is used.
2. Credits will be charged only when running a Snowflake-provisioned compute warehouse COMPUTE\_WH.
3. Credits will be charged when the daily consumption of cloud services resources exceeds 10% of the daily warehouse usage.
4. Credits will be charged only when a virtual warehouse consumes serverless compute services.

Q174

What is the primary purpose of using a masking policy in Snowflake?

1. To protect sensitive data from unauthorized access when queries are run.
2. To automatically encrypt sensitive data when data is stored in Snowflake.
3. To protect multiple columns that have different data types in a given table.
4. To protect both column-level and row-level data.

Q175

How can the performance of queries run on external tables be optimized?

1. Cluster the tables
2. Create materialized views on the tables
3. Use the metadata cache
4. Enable the search optimization service

Q176

What are the recommended alternative data types in Snowflake for unsupported large object data types such as BLOB and CLOB? (Choose two.)

1. VARIANT
2. ARRAY
3. BINARY
4. OBJECT
5. VARCHAR

Q177

A network policy set at which level will override all other network policies?

1. Account
2. User
3. Security integration
4. Database

Q178

A company needs to share sales data with multiple marketing agency partners.

Which Snowflake data share mechanism is recommended for this use case?

1. A shared Amazon S3 bucket
2. Direct share
3. A reader account
4. Data Exchange

Q179

Which role can create and manage Snowflake accounts?

1. SYSADMIN
2. ACCOUNTADMIN
3. ORGADMIN
4. SECURITYADMIN

Q180

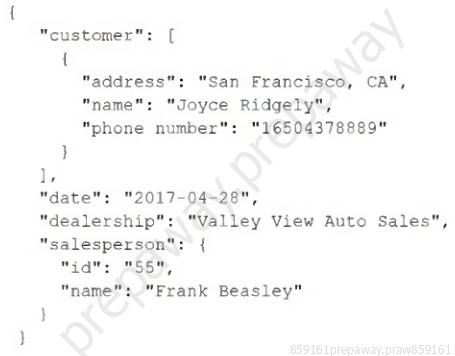
Which security feature is available in all Snowflake editions?

1. Data masking policies
2. Object-level access control
3. Object tagging
4. Customer-managed encryption keys

Q181

A table named car\_sales contains a single VARIANT column named src.

Below is the output of the query SELECT \* FROM car\_sales;



Which queries will return the element "phone number" from the data? (Choose two.)

1. SELECT src:customer.’phone number’ FROM car\_sales;
2. SELECT SRC:customer."phone number" FROM car\_sales;
3. SELECT src:customer."phone number" FROM car\_sales;
4. SELECT SRC:customer.phone number FROM car\_sales;
5. SELECT SRC:CUSTOMER."phone number" FROM car\_sales;

Q182

Which strings will be converted to TRUE using the TO\_BOOLEAN() or CAST() functions when unloading data? (Choose two.)

1. 0
2. n
3. no
4. on
5. yes

Q183

Which authentication method requires access to a secure file that is only stored on the user's local device?

1. Password authentication
2. Key-pair authentication
3. Multi-Factor Authentication (MFA)
4. Federated authentication

Q184

Which drivers or connectors are supported by Snowflake? (Choose two.)

1. Perl Connector
2. MongoDB Rust Driver
3. Go Snowflake Driver
4. Cobol Driver
5. Snowflake Connector for Python

Q185

If a source table is updated while cloning is in progress, what data will be included in the cloned table?

1. All data from the timestamp when the user runs the query.
2. All data from the timestamp when the user session was created.
3. All data from the timestamp when the clone statement was initiated.
4. All data from the timestamp when the clone statement was completed.

Q186

The CUSTOMER table in the T1 database is accidentally dropped.

Which privileges are required to restore this table? (Choose two.)

1. SELECT privilege on the CUSTOMER table
2. OWNERSHIP privilege on the CUSTOMER table
3. All privileges on the CUSTOMER table
4. All privileges on the T1 database
5. CREATE TABLE privilege on the T1 database

Q187

Which ACCOUNT\_USAGE view can be used to identify the masking policy assigned to an object?

1. ACCESS\_HISTORY
2. OBJECT\_DEPENDENCIES
3. POLICY\_REFERENCES
4. TAG\_REFERENCES

Q188

A stream object will advance its offset when it is used in which statement?

1. SELECT
2. INSERT
3. CREATE
4. COPY INTO <location>

Q189

Where is metadata management handled in Snowflake?

1. Cloud Services
2. Compute
3. Database Storage
4. Query Processing

Q190

What does an integration between Snowflake and Microsoft Private Link or AWS PrivateLink support?

1. The isolation of data within a Snowflake account.
2. The use of Secure Data Sharing among Snowflake accounts.
3. A Virtual Private Network (VPN) between a user and Snowflake.
4. A secure, direct connection to Snowflake that does not use the internet.

Q191

Which type of URL gives permanent access to files in cloud storage?

1. Pre-signed URL
2. Account URL
3. Scoped URL
4. File URL

Q192

Which Snowflake data governance feature supports resource usage monitoring?

1. Data classification
2. Column lineage
3. Access history
4. Object tagging

Q193

Which steps will help optimize query performance? (Choose two.)

1. Using the query acceleration service
2. Clustering a table
3. Indexing a column
4. Increasing the size of the micro-partitions
5. Decreasing the size of the virtual warehouse

Q194

Which functions can be used to identify the data type stored in a VARIANT column? (Choose two.)

1. IS\_NULL\_VALUE
2. IS\_DATE\_VALUE
3. IS\_GEOGRAPHY
4. IS\_XML
5. IS\_JSON

Q195

What is the MINIMUM Snowflake edition that supports data sharing?

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake (VPS)

Q196

Who can access the data published in a Data Exchange?

1. Only the data provider who published the data
2. Any Snowflake user, regardless of their role or permissions
3. Any user who has been provided with a unique Data Exchange URL
4. Only the users that the data provider has invited to the Data Exchange

Q197

How can data be shared between two users who have different Snowflake accounts?

1. Create a share with the same name as the original database.
2. Create a share and ensure the proper role is assigned to the share.
3. Ensure both users’ accounts are using the same cloud provider and region.
4. Use the PUT command to create a shared account.

Q198

Which view will show the MOST recent information about table-level storage utilization?

1. The TABLE\_STORAGE\_METRICS view in a Snowflake data share
2. The TABLE\_STORAGE\_METRICS view in the ACCOUNT\_USAGE schema
3. The TABLE\_STORAGE\_METRICS view in the INFORMATION\_SCHEMA
4. The STORAGE\_USAGE\_HISTORY view in the INFORMATION\_SCHEMA

Q199

A user executed a SELECT query in Snowsight which returned a 1 GB result set. The user then downloads the files.

What will occur?

1. The result set will be successfully downloaded from Snowsight.
2. The result set will be automatically compressed and the data will be downloaded as individual files.
3. The download will fail because the result set needs to be broken up into files no greater than 50 MB before downloading.
4. The download will result in an error because the filters of the SELECT query need to be changed so that Snowsight returns a smaller result set.

Q200

The download will result in an error because the filters of the SELECT query need to be changed so that Snowsight returns a smaller result set.

1. PUT
2. CREATE <object>
3. COPY INTO <table>
4. COPY INTO <location>

Q201

Which file format option should be used when unloading data into a stage to create a CSV or a JSON file?

1. PARSE\_HEADER
2. TRIM\_SPACE
3. FILE\_EXTENSION
4. SKIP\_HEADER

Q202

When creating a virtual warehouse, what setting should be used to avoid both over-provisioning resources and auto-scaling when there is increased concurrency?

1. WAREHOUSE\_SIZE = LARGE
2. WAREHOUSE\_TYPE = SNOWPARK-OPTIMIZED
3. MAX\_CLUSTER\_COUNT =10
4. ENABLE\_QUERY\_ACCELERATION = TRUE

Q203

What is the MINIMUM Snowflake edition required to add masking policies to selectively mask plain-text data in a table or in view columns at query time?

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake (VPS)

Q204

Which command can be used to determine if data from a file has been previously loaded?

1. COPY\_HISTORY
2. DATA\_TRANSFER\_HISTORY
3. WAREHOUSE\_LOAD\_HISTORY
4. STAGE\_STORAGE\_USAGE\_HISTORY

Q205

What does Snowflake recommend when configuring the auto-suspend parameter for a virtual warehouse?

1. Set auto-suspend to the maximum possible duration for optimal resource utilization.
2. Enable auto-suspend to a high value to maximize warehouse availability.
3. Enable auto-suspend to a low value to minimize credit consumption during inactivity.
4. Disable auto-suspend to ensure continuous availability of the warehouse.

Q206

Which URL identifies the database, schema, stage, and file path to a set of files for accessing the unstructured data files in Snowflake?

1. Scoped URL
2. File URL
3. Pre-signed URL
4. HTTPS URL

Q207

Which Snowflake feature or service is primarily used for managing and monitoring data and user activities?

1. Snowsight
2. SnowSQL
3. Snowflake Marketplace
4. Streamlit

Q208

Which URL type should be used for custom applications that need to access unstructured data files?

1. Scoped URL
2. File URL
3. Pre-signed URL
4. Relative URL

Q209

When would creating and using a standard view be preferable to using a materialized view?

1. The underlying query of the view takes a lot of time to run.
2. The underlying query of the view is resource-intensive.
3. The underlying query of the view is run on large data sets.
4. The view results change often.

Q210

When using a direct share, what privileges does a role need to control access to the objects that are in a share that is using database roles? (Choose two.)

1. CREATE PIPE
2. CREATE STREAM
3. CREATE TASK
4. CREATE SHARE
5. CREATE DATABASE

Q211

What actions can be performed by consumers of shared databases? (Choose two.)

1. Create a clone of the database.
2. Edit the comments for the database.
3. Query Time Travel data on the database.
4. Create streams on objects in the database.
5. Query data from the objects in the database.

Q212

A Snowflake user is actively logged into Snowflake when a user-level network policy is assigned to that user.

What will Snowflake do if the user's IP address does not match the user-level network policy rules?

1. Log the user out.
2. Deactivate the network policy.
3. Prevent the user from executing additional queries.
4. Allow the user to continue until the session or login token expires.

Q213

At what level is the ALLOW\_CLIENT\_MFA\_CACHING parameter configurable in Snowflake?

1. User
2. Session
3. Account
4. Virtual warehouse

Q214

How can data be securely shared across regions and cloud platforms in Snowflake?

1. Use Cross-Cloud Auto-Fulfillment.
2. Use replication.
3. Use the CREATE SHARE command.
4. Use the GRANT command to share selected objects.

Q215

What factors affect how many credits will be charged for virtual warehouse usage? (Choose two.)

1. Number of queries being run
2. Number of users running queries
3. Snowflake edition being used
4. Size of the warehouse
5. Length of time the warehouse runs

Q216

What privilege is required to view the load statistics on a virtual warehouse?

1. MODIFY
2. OPERATE
3. MONITOR
4. USAGE

Q217

Which command will indicate whether a materialized view is being used in a query?

1. SHOW
2. DESCRIBE
3. EXPLAIN
4. USE

Q218

A size X-Small virtual warehouse ran for 90 seconds, and was shut down. The warehouse was then run for another 30 seconds before being shut down again.

How many seconds will be billed?

1. 90 seconds
2. 120 seconds
3. 150 seconds
4. 180 seconds

Q219

Which virtual warehouse configuration is recommended specifically for a steady workload that has no execution lag?

1. AUTO\_RESUME = FALSE
2. AUTO\_SUSPEND = 0
3. STATEMENT\_TIMEOUT\_IN\_SECONDS = 3600
4. MIN\_CLUSTER\_COUNT = 1

MAX\_CLUSTER\_COUNT = 3

Q220

Which role allows a Snowflake user to view table-level storage utilization information from the TABLE\_STORAGE\_METRICS view by default?

1. ACCOUNTADMIN
2. SECURITYADMIN
3. SYSADMIN
4. USERADMIN

Q221

This statement is run:

SELECT { 'key' : { 'subkey': 'value' }} mycolumn;

What notations will retrieve the 'value' from the VARIANT column? (Choose two.)

1. mycolumn.key.subkey
2. mycolumn.key:subkey
3. mycolumn:key.subkey
4. mycolumn['key'].subkey
5. mycolumn:key:subkey

Q222

Which multi-cluster virtual warehouse setting will help process queued queries as quickly as possible?

1. An economy scaling policy
2. A standard scaling policy
3. Maximized mode
4. Auto-scale mode

Q223

Which Snowflake tool provides detailed execution statistics of a query with no cost to the user?

1. Query Profile
2. Query history
3. Visualization chart
4. Query acceleration service

Q224

How can a Snowflake user access near real-time metrics that can be used to identify queries affected by disk spilling?

1. Use a load monitoring chart.
2. Review the history section of the Query Profile.
3. Implement a Snowsight dashboard.
4. Use a worksheet.

Q225

Which table type is used in the file processing pipeline to process unstructured data in Snowflake?

1. Temporary
2. Directory
3. Standard
4. Transient

Q226

Which metrics in the QUERY\_HISTORY Account \_Usage View can be used to assess the pruning efficiency of a query? (Choose two.)

1. EXECUTION\_TIME
2. PARTITIONS\_TOTAL
3. COMPILATION\_TIME
4. TOTAL\_ELAPSED\_TIME
5. PARTITIONS\_SCANNED

Q227

How should a data provider securely share Snowflake objects with a data consumer who does not have a Snowflake account?

1. Give the consumer owner's rights on the provider's Snowflake account.
2. Unload the data into the consumer's cloud storage.
3. Create a reader account for the consumer.
4. Create and replicate a share, then give the consumer access to the replication.

Q228

When unloading Snowflake relational data to a Parquet file format, why should the PARTITION BY clause be used?

1. It will provide a mechanism to encrypt each micro-partition with a unique key.
2. It will guarantee data integrity by splitting the data into smaller, manageable chunks.
3. It will increase storage efficiency by automatically compressing data based on access patterns.
4. It will optimize query performance by filtering relevant partitions without scanning the entire dataset.

Q229

How can a user access information about a query execution plan without consuming virtual warehouse compute resources?

1. Use the EXPLAIN function.
2. Review the Query Profile metrics.
3. Review the data in the Account\_Usage view.
4. Use the Snowsight dashboard.

Q230

If a query is being used to unload a 1 TB table into a stage, which DML operator will be shown in the Query Profile?

1. INSERT
2. UNLOAD
3. COPY
4. UPDATE

Q231

At what levels can network policies be defined in Snowflake? (Choose two.)

1. User
2. Account
3. Table
4. Schema
5. Database

Q232

A Snowflake table that is loaded using a Kafka connector has a schema consisting of which two VARIANT columns? (Choose two.)

1. RECORD\_TIMESTAMP
2. RECORD\_CONTENT
3. RECORD\_KEY
4. RECORD\_SESSION
5. RECORD\_METADATA

Q233

When working with table MY\_TABLE that contains 10 rows, which sampling query will always return exactly 5 rows?

1. SELECT \* FROM MY\_TABLE SAMPLE SYSTEM (5);
2. SELECT \* FROM MY\_TABLE SAMPLE BERNOULLI (5);
3. SELECT \* FROM MY\_TABLE SAMPLE (5 ROWS);
4. SELECT \* FROM MY\_TABLE SAMPLE SYSTEM (1) SEED (5);

Q234

How can files in a stage be loaded after the file metadata has expired? (Choose two.)

1. Set the LOAD\_UNCERTAIN\_FILES option to TRUE.
2. Remove the files from the stage and reload them.
3. Set the FORCE parameter to TRUE.
4. Truncate the target table and reload the files.
5. Use the ALTER TABLE...REFRESH command

Q235

How should a Snowflake user access a third-party SaaS service to process unstructured data?

1. Use internal functions.
2. Use external functions.
3. Use process functions.
4. Use an API gateway.

Q236

What statement describes Snowflake data architecture?

1. NoSQL warehouse as a service
2. Single-node, isolated data
3. Multi-cluster, shared data
4. Centralized data storage and processing

Q237

Which command will list all of the dropped accounts in an organization that have not been deleted?

1. SHOW MANAGED ACCOUNTS;
2. SHOW ORGANIZATION ACCOUNTS;
3. SHOW ORGANIZATION ACCOUNTS HISTORY;
4. SHOW ORGANIZATION ACCOUNTS LIKE 'myaccounts%';

Q238

What privileges are required to activate a network policy for an individual user within a Snowflake account?

1. A user with a role that has been granted the global ATTACH POLICY privilege
2. A user with a role that has been granted the CREATE SESSION POLICY privilege
3. A user with a role that has been granted the CREATE NETWORK POLICY privilege
4. A user with a role that has been granted the OWNERSHIP privilege on both the user and the network policy

Q239

How does Snowflake use Multi-Factor Authentication (MFA)?

1. MFA is an integrated feature powered by the Duo Security service.
2. MFA is enabled by default for any user having the ACCOUNTADMIN role.
3. An MFA login is designed to log in to Snowflake only through Snowsight.
4. MFA is enabled by default for each user and does not require activation.

Q240

Which command is used to download data from Snowflake to a client machine?

1. COPY INTO <location>
2. PUT
3. DROP
4. GET

Q241

Which function, when added to a SELECT statement, will return a randomly-selected, specified number of rows from a table?

1. AVERAGE(<num> ROWS)
2. MEDIAN(<num> ROWS)
3. SAMPLE(<num> ROWS)
4. RANDOM(<num> ROWS)

Q242

Which Snowflake data governance feature supports the tracking of sensitive data for compliance, discovery, protection, and resource usage?

1. Row access policies
2. Data classification
3. Object dependencies
4. Object tagging

Q243

When an ACCOUNTADMIN gives a user a custom role, what privilege or privileges is the user granted by default?

1. All privileges that have been granted to the ACCOUNTADMIN
2. All privileges on objects allowed by the custom role
3. Access to the PUBLIC role
4. Access to all the objects owned by the USERADMIN role

Q244

Which query metric can be used to monitor the health of a large table?

1. Clustering depth
2. Clustering key
3. Total partition count
4. Total number of rows

Q245

What function should be used to convert JSON NULL values to SQL NULL values when loading data into a Snowflake table?

1. STRIP\_OUTER\_ARRAYS
2. STRIP\_NULL\_VALUE
3. FLATTEN
4. PARSE\_JSON

Q246

What is the recommended way to insert a VARIANT value into a Snowflake table?

1. Use a SELECT statement to convert data to a VARIANT data type before inserting it.
2. Use the TO\_VARIANT function in the INSERT statement.
3. Cast the data to a VARIANT data type within the INSERT statement.
4. Use a subquery to convert the data to a VARIANT data type and then insert it.

Q247

Which process does Snowflake follow when a stored procedure with owner's rights is called within a session?

1. The procedure will be run with the privileges of the caller.
2. The owner can set the caller's session variables.
3. The owner will inherit the caller's current virtual warehouse.
4. The owner can view the caller's session variables.

Q248

Which view can be used to track the read and write operations that have been performed on a table?

1. COPY\_HISTORY
2. ACCESS\_HISTORY
3. QUERY\_HISTORY
4. TASK\_HISTORY

Q249

What object does Snowflake recommend using when planning to unload similarly-formatted data on a regular basis?

1. Stream
2. Task
3. Storage integration
4. Named file format

Q250

How should the SPLIT\_TO\_TABLE(<string>, <delimiter>) function be called?

1. SELECT SPLIT\_TO\_TABLE(COL1, '.') FROM DUAL;
2. SELECT SPLIT\_TO\_TABLE('a.b.c', '.');
3. SELECT \* FROM TABLE(SPLIT\_TO\_TABLE('a.b.c', '.'));
4. SELECT \* FROM SPLIT\_TO\_TABLE('a.b.c', '.');

Q251

Which configuration of the function PARSE\_JSON( <expr> ) will retrieve a valid SQL NULL value?

1. SELECT parse\_json(NULL)
2. SELECT parse\_json('null')
3. SELECT parse\_json('[ null ]')
4. SELECT parse\_json('{"a": null}'):a

Q252

What is the MINIMUM Snowflake edition that supports the periodic rekeying of encrypted data?

1. Standard
2. Enterprise
3. Business Critical
4. Virtual Private Snowflake (VPS)

Q253

While preparing to unload data in Snowflake, the file format option can be specified in which commands? (Choose two.)

1. GET
2. CREATE STAGE
3. PUT
4. COPY INTO <location>
5. CREATE PIPE

Q254

Which Query Profile operator provides information on pruning efficiency?

1. TableScan
2. ExternalScan
3. InternalObject
4. Generator

Q255

What metadata is stored for each micro-partition? (Choose two.)

1. The number of distinct values
2. The clustering key used in the table
3. The average depth of values for each of the columns
4. The range of values for each of the columns in the full table
5. The minimum and maximum values for each of the columns

Q256

Which role has the HIGHEST precedence among roles that will serve as the owners of securable objects?

1. USERADMIN
2. SYSADMIN
3. SECURITYADMIN
4. ACCOUNTADMIN

Q257

How is data protected in Snowflake throughout its lifecycle? (Choose two.)

1. Users are responsible for encrypting data before uploading to Snowflake.
2. Snowflake automatically tags and masks Personal Identifiable Information (PII).
3. Snowflake automatically encrypts data locally before copying the data to the cloud over an encrypted connection.
4. Snowflake automatically rotates keys pairs regularly, using a hierarchical key model stored in a hardware security module.
5. Users are responsible for uploading and configuring key pair rotation schedules and key sizes to encrypt stored data.

Q258

Which Snowflake virtual warehouse configuration enables horizontal scaling?

1. Increasing the WAREHOUSE\_SIZE.
2. Increasing the MAX\_CLUSTER\_COUNT.
3. Increasing the MAX\_CONCURRENCY\_LEVEL.
4. Increasing the MIN\_CLUSTER\_COUNT.

Q259

Which Snowflake objects can execute both DDL and DML statements?

1. Increasing the MIN\_CLUSTER\_COUNT.
2. Stored procedures
3. User-Defined Functions (UDFs)
4. User-Defined Table Functions (UDTFs)

Q260

Which object consumes Snowflake credits for its maintenance?

1. Materialized view
2. View
3. External table
4. Table

Q261

When connecting to Snowflake using SnowSQL, what are ways to explicitly specify the password? (Choose two.)

1. Use public and private key pair authentication
2. Run a web-based authorization flow
3. Use an OAuth token
4. Enter through an interactive prompt
5. Specify using SNOWSQL\_PWD environment variables

Q262

A team is developing a machine learning model by training on the latest Snowflake features. The training is taking much longer than expected to complete.

Which step will accelerate the model training?

1. Increase the size of the virtual warehouse.
2. Add additional clusters to the virtual warehouse.
3. Use a Snowpark-optimized virtual warehouse.
4. Enable the query acceleration service.

Q263

Which object can be shared using Secure Data Sharing?

1. Secure view
2. Materialized view
3. External function
4. User-Defined Function (UDF)

Q264

How is Single Sign-On (SSO) authentication used in Snowflake?

1. SSO is an authentication method which uses a pair of keys, a public key and a private key, to verify the identity of a user.
2. SSO is an authentication method that uses a username and password in the API request header.
3. SSO is an authentication method that allows a user to sign into multiple applications with a single set of credentials.
4. SSO is an integrated Snowflake feature, powered by the Duo Security service, which is managed completely by Snowflake.

Q265

Which clause is used to define a function that may return different values for different rows?

1. IMMUTABLE
2. RETURNS
3. COMMENT
4. VOLATILE

Q266

In Snowflake, where can query pruning information statistics be identified?

1. Partitions scanned
2. Bytes scanned
3. Bytes spilled to remote storage
4. Percentage scanned from cache

Q267

How does the authorization associated with a pre-signed URL work for an unstructured file?

1. Anyone who has the URL can access the referenced file for the life of the token.
2. Only the user who generates the URL can use the URL to access the referenced file.
3. Only the users who have roles with sufficient privileges on the URL can access the referenced file.
4. The role specified in the GET REST API call must have sufficient privileges on the stage to access the referenced file using the URL.

Q268

What will happen if the volume of data stored in Snowflake increases over time?

1. Snowflake will automatically increase the size of the virtual warehouse used to run queries against the storage data.
2. The number of clusters in the active virtual warehouse being used will scale automatically to accommodate the increased storage data volume.
3. As the stored data volume increases, the warehouse performance will decline.
4. The warehouse performance and size will not be affected when the volume of stored data increases.

Q269

What can a reader account user do when accessing shared data? (Choose two.)

1. Insert new data using the COPY INTO <location> command.
2. Execute secure User-Defined Functions (UDFs).
3. Remove records using the DELETE command.
4. Select data from secure views.
5. Modify records using the UPDATE and MERGE commands.

Q270

What is a fundamental characteristic of Snowflake micro-partitions?

1. They can be read directly as files.
2. They serve as an index for Snowflake tables.
3. They are sized based on Time Travel requirements.
4. Once established, they cannot be changed.

Q271

What happens when a multi-cluster virtual warehouse is resized?

1. The auto-suspend feature is automatically enabled for inactive clusters.
2. The scaling policy of the warehouse is updated.
3. The new size applies to all clusters within that warehouse configuration.
4. The minimum and maximum number of clusters is automatically adjusted.

Q272

Using which copy option when unloading data allows users to include a Universally Unique Identifier (UUID) in the names of unloaded files?

1. VALIDATION\_MODE
2. SINGLE
3. HEADER
4. INCLUDE\_QUERY\_ID

Q273

Which Snowflake objects use storage? (Choose two.)

1. Regular table
2. Regular view
3. Cached query result
4. Materialized view
5. External table

Q274

What type of policy states that each object within Snowflake has a unique owner who can grant access to that object?

1. Role-Based Access Control (RBAC)
2. Discretionary Access Control (DAC)
3. Mandatory Access Control (MAC)
4. Rule-Based Access Control (RuBAC)

Q275

Which Snowflake multi-cluster virtual warehouse scaling policy or mode will MINIMIZE query queuing by prioritizing the startup of additional clusters?

1. Economy policy
2. Standard policyAuto-scale mode
3. Auto-scale mode
4. Maximized mode

Q276

Which default warehouse configuration has the highest precedence whenever a new session is created by a user?

1. Default warehouse for the user
2. Default warehouse in the configuration file of the client utilities
3. Default warehouse specified on a CLI or in drivers/connectors parameters
4. Default warehouse of the role assigned to the user

Q277

What type of authentication is recommended when creating a Snowflake service account that will connect to a third-party application?

1. Username and password
2. Key-pair authentication
3. Multi-Factor Authentication (MFA)
4. Single Sign-on (SSO)

Q278

Which type of query would benefit from enabling the query acceleration service on the virtual warehouse?

1. Queries with no filters or aggregation
2. Queries that are queued in the warehouse
3. Queries that use more resources than the typical query
4. Queries that contain a high cardinality GROUP BY expression

Q279

Which table function will return the output of a previously-run command?

1. FLATTEN
2. QUERY\_HISTORY
3. TASK\_HISTORY
4. RESULT\_SCAN

Q280

How can a relational table be unloaded into a JSON file?

1. Use the OBJECT\_CONSTRUCT function in conjunction with the COPY INTO <location> command.
2. Use the COPY INTO <location> command with the file\_format set as JSON.
3. Use the PUT command with the file\_format set as JSON.
4. Use the GET command with the file\_format set as JSON.

Q281

When do Snowflake object owners lose their ability to make grant decisions?

1. When the object owner has been granted a database role
2. When the object owner has been granted an account role
3. When the object is part of a managed access schema
4. When the object is part of a regular schema

Q282

Which command allows a user to unload data from a Snowflake database table into one or more files in a Snowflake or external stage?

1. GET
2. LIST
3. PUT
4. COPY INTO <location>

Q283

Which Snowflake feature enables loading data from cloud storage as soon as files are available in a stage?

1. COPY\_INTO <location> command
2. Data replication
3. Snowpipe
4. Direct share

Q284

Which JSON paths are considered to be equivalent in Snowflake? (Choose two.)

1. src['customer']['EMAIL']
2. src['CUSTOMER']['Email']
3. SRC:Customer.Email
4. src:customer.email
5. SRC:customer.email

Q285

Which privilege is required for a user to be able to view a resource monitor?

1. USAGE
2. SELECT
3. MONITOR
4. OPERATE

Q286

What happens when a table or schema with a standard retention period is dropped?

1. The object is immediately removed from the system.
2. The object is instantaneously moved to Fail-safe.
3. The object is retained but all associated data is immediately purged.
4. The object is retained for the data retention period.

Q287

When cloning tables, which INFORMATION\_SCHEMA view will show different columns for owned storage and referenced storage?

1. DATABASE\_STORAGE\_USAGE\_HISTORY
2. STAGE\_STORAGE\_USAGE\_HISTORY
3. TABLE\_STORAGE\_METRICS
4. STORAGE\_USAGE

Q288

Based on a review of a Query Profile, which scenarios will benefit the MOST from the use of a data clustering key? (Choose two.)

1. A column that appears most frequently in ORDER BY operations
2. A column that appears most frequently in WHERE operations
3. A column that appears most frequently in GROUP BY operations
4. A column that appears most frequently in AGGREGATE operations
5. A column that appears most frequently in JOIN operations

Q289

When working with dimension tables that change frequently, what is the recommended way to manage costs?

1. Keep the Time Travel retention period for the dimension tables to 7 days or less.
2. Make the dimension tables transient with a retention period of 0 days, and backup the table daily to a permanent table. Delete all but the latest backup.
3. Make the dimension tables transient and back-up the data daily into a permanent table using cloning.
4. Make the dimension tables permanent with a retention period of 7 days. Replicate the database to a secondary database once a week.

Q290

What Snowflake privilege should be granted to allow a non-ACCOUNTADMIN access to billing information?

1. OPERATE
2. MONITOR USAGE
3. OWNERSHIP
4. USAGE

Q291

A stream can be created on which Snowflake objects to record data manipulation language (DML) changes? (Choose two.)

1. Databases
2. Standard tables
3. Standard views
4. Schemas
5. Pipes

Q292

When creating a file format to load JSON data into Snowflake, what command will remove brackets ([]) from the data?

1. STRIP\_NULL\_VALUES = TRUE
2. REPLACE\_INVALID\_CHARACTERS = TRUE
3. TRIM\_SPACE = TRUE
4. STRIP\_OUTER\_ARRAY = TRUE

Q293

Which transformation techniques are supported for bulk loading data into Snowflake using the COPY INTO <table> command? (Choose two.)

1. Column grouping
2. Column omission
3. Column reordering
4. Column aggregation
5. Selection of a limited number of rows

Q294

What virtual warehouse feature or setting will reduce the performance impact when running larger-than-average queries, by offloading portions of the query processing work to shared compute resources?

1. Using a multi-cluster virtual warehouse
2. Using the query acceleration service
3. Using the search optimization service
4. Disabling auto-suspend

Q295

Which schema-level objects allow the user to periodically perform an action under specific conditions, based on data within Snowflake?

1. Alerts
2. External tables
3. Secure views
4. Materialized views

Q296

Which privilege must be granted to show data categories in a Data Exchange?

1. MONITOR PRIVILEGE
2. USAGE PRIVILEGE
3. OWNERSHIP PRIVILEGE
4. IMPORTED PRIVILEGES

Q297

Which tool or service can be used to graphically explore and manage data stored within a Snowflake account, including databases, tables, and views?

1. SnowSQL
2. Snowsight
3. Snowflake virtual warehouses
4. SnowCD

Q298

What can be interpreted based on the number of nodes reported in a Query Profile?

1. Query execution time
2. Network bandwidth during query execution
3. Data spillage
4. Compute required for metadata management

Q299

Which command must be included in CREATE PIPE .. AS <command> statements?

1. COPY INTO <table>
2. SELECT
3. PUT
4. INSERT

Q300

What languages can be used to write User-Defined Functions (UDFs)? (Choose two.)

Groovy

JavaScript

Python

Spark

Golang

Q301

Which command will create an ARRAY output from inputs 'a' and 'b'?

ARRAY\_CONSTRUCT('a', 'b');

TO\_ARRAY(' a ', 'b');

AS\_ARRAY(’a', 'b');

LISTAGG('a', 'b');

Q302

What command will grant the SELECT privilege on all new tables created in the mydb.myschema schema to the read\_only role?

GRANT SELECT ON ALL TABLES IN SCHEMA mydb.myschema to ROLE read\_only;

GRANT USAGE ON FUTURE SCHEMAS IN DATABASE mydb TO ROLE read\_only;

GRANT SELECT ON FUTURE TABLES IN SCHEMA mydb.myschema TO ROLE read\_only

GRANT USAGE ON ALL SCHEMAS IN DATABASE mydb TO ROLE read\_only;

Q303

How do the scaling policy parameters impact the performance of a Snowflake virtual warehouse?

Setting the SCALING\_POLICY = STANDARD parameter causes the warehouse to scale out to reduce queueing instead of conserving credits.

Setting the SCALING\_POLICY = ECONOMY parameter causes the warehouse to always scale out more conservatively once any queries have been in the queue for less than 1 minute.

Setting the SCALING\_POLICY = STANDARD parameter prevents the warehouse from scaling in once it has scaled out.

Setting the SCALING\_POLICY = ECONOMY parameter will keep the warehouse size fixed, regardless of the workload.

Q304

Granting which privilege will allow a role other than the ACCOUNTADMIN role to access a shared database?

MANAGE GRANTS

GRANT PRIVILEGES

REFERENCE\_USAGE

IMPORTED PRIVILEGES

Q305

What happens to deleted or modified records during the Time Travel retention period?

They are permanently deleted.

They are moved to a separate table.

They are versioned for recovery.

They are archived in a backup.

Q306

What is required to set a stored procedure to EXECUTE AS? (Choose two.)

ACCOUNTADMIN role

SCHEMA\_USER

Owner’s rights

Caller’s rights

USER

Q307

A query against which table will provide details about bytes consumed by active, Time Travel, and Fail-safe storage?

METERING\_HISTORY

DATA\_TRANSFER\_HISTORY

CREDIT\_USAGE\_HISTORY

TABLE STORAGE METRICS

Q308

Which commands can be used to address UTF-8 encoding errors when loading JSON files into a Snowflake table? (Choose two.)

STRIP\_OUTER\_ARRAY

REPLACE\_INVALID\_CHARACTERS

STRIP\_NULL\_VALUES

IGNORE\_UTF8\_ERRORS

SKIP\_BYTE\_ORDER\_MARK

Q309

What is the MINIMUM privilege required to read a file URL from an internal stage directory table using a SELECT statement?

READ on the stage

USAGE on the stage

WRITE on the stage

OWNERSHIP on the stage

Q310

At what levels can a network policy be configured in Snowflake? (Choose two.)

Role level

User level

Account level

Database level

Virtual warehouse level

Q311

When creating a custom role that will be allowed to create warehouses and databases, which system-defined role does Snowflake recommend also be assigned to the custom role?

ACCOUNTADMIN

USERADMIN

SYSADMIN

SECURITYADMIN

Q312

Which command is used in Snowflake to manually refresh a directory table?

TRUNCATE STAGE

ALTER STAGE

ALTER TABLE

ALTER VIEW

Q313

What is the purpose of configuring the scale factor parameter when using the query acceleration service?

It increases the default selectivity of any filter parameters when the query is accelerated.

It is used when there are not enough partitions in a table to accelerate the query.

It controls costs by setting an upper bound on the amount of compute resources a warehouse can use for query acceleration.

It is a concurrency control tool used to avoid unnecessary scaling up when the query is accelerated and the warehouse is running in Maximized mode.

Q314

If both the DATA\_RETENTION\_TIME\_IN\_DAYS and the MIN\_DATA\_RETENTION\_TIME\_IN\_DAYS parameters are set at the account level, what will the MINIMUM data retention period be for an object?

The maximum value of the DATA\_RETENTION\_TIME\_IN\_DAYS or the MIN\_DATA\_RETENTION\_TIME\_IN\_DAYS, whichever is the greatest.

The minimum value of the DATA\_RETENTION\_TIME\_IN\_DAYS or the MIN\_DATA\_RETENTION\_TIME\_IN\_DAYS, whichever is the least.

The period set in the DATA\_RETENTION\_TIME\_IN\_DAYS parameter.

The period set in the MIN\_DATA\_RETENTION\_TIME\_IN\_DAYS parameter.

Q315

What is a Snowflake recommendation for the use of key pair authentication?

Keys should be stored in a secure location on the ACCOUNTADMIN file system.

Operator access should be limited to read-only access.

Key pair rotation should be automated.

Role access should be designed to cover the operations that the user account anticipates needing.

Q316

What is the MINIMUM Snowflake edition that users storing protected information in Snowflake should use for regulatory compliance?

Standard

Enterprise

Business Critical

Virtual Private Snowflake (VPC)

Q317

A company stores Personal Identifiable Information (PII) in Snowflake across multiple countries, including the United States. Canada, and the United Kingdom.

How can Snowflake be used to automatically identify data, in order to support data governance requirements for each country?

Tag all columns directly that contain PII.

Create a custom User-Defined Function (UDF).

Use semantic category classification.

Implement a third-party service to protect the data.

Q318

Use of which Snowflake feature or service can be used with a materialized view?

Time Travel

Fail-safe

Clustering

Cloning

Q319

What action will change a customized schedule for a resource monitor back to the default schedule?

Changing the monitoring frequency to the default value

Changing the monitoring start timestamp to the default value

Dropping and re-creating the monitor

Cloning the monitor and then editing the cloned monitor schedule

Q320

What objects are required to unload data into cloud data storage? (Choose two.)

An external stage

A FILE FORMAT definition

A STORAGE\_INTEGRATION definition

An external table

A directory table

Q321

The metrics for a virtual warehouse show significant spillage to local disk storage.

How should this be addressed?

Change the warehouse SCALING\_POLICY parameter to STANDARD.

Increase the warehouse STATEMENT\_QUEUED\_TIMEOUT\_IN\_SECONDS parameter.

Increase the size of the warehouse.

Enable the warehouse auto-resume feature.

Q322

What situation is likely to cause data spillage when a query is run?

When the query contains multiple filters and no data is returned.

When a virtual warehouse runs out of memory while executing the query.

When the number of queries exceeds the MAX\_CONCURRENCY\_LEVEL parameter setting.

When running queries that exceed the STATEMENT\_TlMEOUT\_IN\_SECONDS parameter setting.

Q323

Which type of URL can give access to a PDF file stored in a stage using a web browser?

BUILD\_STAGE\_FILE\_URL

Scoped URL

File URL

Pre-signed URL

Q324

What is the MAXIMUM data retention period of transient databases when using the Snowflake Enterprise edition?

1 day

7 days

30 days

90 days

Q325

Which least-privileged role is required to create a resource monitor?

USERADMIN

SECURITYADMIN

ACCOUNTADMIN

SYSADMIN

Q326

What does the percentage scanned from cache in the Query Profile signify?

The percentage of data scanned from the local disk cache.

The percentage of data scanned from the remote disk cache.

The percentage of data scanned from the metadata cache.

The percentage of data scanned from the query cache.

Q327

Which feature allows users to modify clustering algorithms that are built into Snowflake?

Micro-partitions

Key partitions

Partition clustering

Clustering keys

Q328

What costs are associated with updating the data in a materialized view? (Choose two.)

Virtual warehouse compute costs

Snowflake-managed compute costs

Cloud services costs

Data transfer costs

Time Travel costs

Q329

A user is granted the SALES\_ANALYST role which has the SELECT privilege on all tables in the REGION.SALES schema. However, the user cannot access any newly-created tables.

Which command will grant the SALES\_ANALYST role the SELECT privilege on the newly-created tables?

GRANT SELECT ON ALL TABLES IN SCHEMA REGION.SALES TO ROLE SALES\_ANALYST;

GRANT SELECT ON FUTURE TABLES IN SCHEMA REGION.SALES TO ROLE SALES\_ANALYST

GRANT USAGE ON ALL SCHEMAS IN DATABASE REGION TO ROLE SALES\_ANALYST;

GRANT USAGE ON ALL SCHEMA REGION.SALES TO ROLE SALES\_ANALYST;

Q330

Which Snowflake authentication method allows an application to access data without sharing the user's login credentials?

Multi-Factor Authentication (MFA)

Snowflake OAuth

Key-pair authentication

Single Sign-On (SSO)

Q331

How does Snowflake support the use of structured and semi-structured data? (Choose two.)

Structured data is supported through the use of traditional relational database tables, organized into rows and columns.

Structured and semi-structured data are stored in separate physical storage locations; users must choose which type of data to use when creating a table.

Semi-structured data is supported through the use of automatically indexed database tables.

All semi-structured data is automatically converted into structured data when it is loaded into Snowflake.

Users can load and query semi-structured data using SQL. using the SQL semi-structured data handling functions.

Q332

When is the VARIANT data type suitable when using semi-structured data? (Choose two.)

When there is a need for a predefined schema which cannot be changed after it is created.

When there is a need to add or modify elements within the data structure without interrupting the session.

When the data set is huge and the order of the data elements in the data set does not change.

When the data contains nested data structures like JSON or XML.

When the data consists of images and videos.

Q333

Which Snowflake objects can process staged files in parallel? (Choose two.)

User-Defined Functions (UDFs)

User-Defined Table Functions (UDTFs)

Stored procedures

Snowpipes

Tasks

Q334

Based on the Snowflake edition being used, what is the default data retention time in Time Travel?

1 day for the Standard edition

1 month for the Standard edition

1 month for the Enterprise edition

100 days for the Enterprise edition

Q335

While unloading a relational table to JSON. which function can be combined with the COPY\_INTO <location> command to convert the table rows into a relational table with a single VARIANT column, and then unload the rows into a file?

OBJECT\_AGG

OBJECT\_CONSTRUCT

OBJECT\_PICK

OBJECT\_CONSTRUCT\_KEEP\_NULL

Q336

What target locations can be used when unloading data using the COPY INTO <location> command? (Choose two.)

A Snowflake schema

A Snowflake stage

A local file system

A Snowflake stream

Cloud storage in Google (GCP), AWS. or Microsoft Azure

Q337

A query of data used in a dashboard is performing poorly. The query aggregates data that only changes at the end of the business day. recalculating every time the dashboard is viewed.

How can the query performance be improved?

Ensure that only the columns needed in the dashboard are selected.

Recommend that a dedicated warehouse be used to view the dashboard.

Create a row access policy so users see only selected data.

Create a materialized view of the query.

Q338

Use of which feature or setting consumes Snowflake credits, but generates no storage costs?

Materialized view

Table clustering

Query acceleration service

Search optimization service

Q339

What happens when a value in single row of a large table is updated?

The affected micro-partition will be modified.

All existing micro-partitions will be modified.

The affected micro-partition will be deleted and recreated.

All micro-partitions will be deleted and recreated.

Q340

While using the COPY INTO <table> command, how can a JSON NULL value be converted to a SQL NULL value using the LEAST amount of operational overhead?

Use the STRIP\_NULL\_VALUE function.

Cast the VARIANT NULL value as a string.

Use the OBJECT\_CONSTRUCT\_KEEP\_NULL function.

Use a custom procedure to perform the conversion.

Q341

How can a data provider deliver data privately to multiple data consumers, at no cost for the consumers?

Use a Data Exchange.

Use database replication.

Use the Snowflake Marketplace.

Unload the data to external storage.

Q342

Which Snowflake feature will override the default setting that allows users to connect to the service from any computer or device?

Single Sign-On (SSO)

Security roles

End-to-end encryption

Network policy

Q343

What can a directory table be used for? (Choose two.)

Retrieve a list of all unstructured files on a stage.

Set an automatic refresh of the metadata for a directory table on internal and external stages.

Remove files from a directory table using the get command.

Create a view for unstructured data.

Process unstructured data using Snowflake system-defined functions.

Q344

Which privilege allows a user to change the state of a virtual warehouse that was set to AUTO\_RESUME = FALSE?

APPLYBUDGET

MONITOR

OPERATE

USAGE

Q345

Which models are supported for Snowflake access control? (Choose two.)

UAC (User Access Control)

RBAC (Role-Based Access Control)

DAC (Discretionary Access Control)

OAC (Object Access Control)

EBAC (Entity-Based Access Control)

Q346

Which features of a query would make it ineligible for the query acceleration service? (Choose two.)

The query does not filter or aggregate data.

The query includes a LIMIT clause but does not have an ORDER BY clause.

The query will only return deterministic results.

The query has large scans.

The query includes highly-selective filters.

Q347

When loading JSON files that contain NULL values, which file format option should be set to = TRUE?

NULL\_IF

STRIP\_NULL\_VALUES

EMPTY\_FIELD\_AS\_NULL

RETURN\_ERRORS

Q348

Users report slow query executions on a large permanent table.

What will improve the query performance?

Upgrading all users to the ACCOUNTADMIN role

Scaling out the virtual warehouse, using multi-cluster functionality in Economy mode with the maximum cluster set to 1

Creating a clustering key on the table containing 3 or 4 columns that are most actively used in filters and joins

Creating a materialized view and access it using Time Travel to speed query processing

Q349

When semi-structured data includes dates and timestamps as string values, what Snowflake recommendation will OPTIMIZE pruning and MINIMIZE storage consumption?

Store the data as a VARIANT data type.

Store the data as an ARRAY data type.

Strip the outer array using TRY\_PARSE\_JSON.

Flatten the key data into relational columns.

Q350

To start using data listings from the Snowflake Marketplace as a provider or consumer. Snowflake customers must agree to additional terms of service and abide by Snowflake policies using which role?

SECURITYADMIN

ACCOUNTADMIN

SYSADMIN

ОRGADMIN

Q351

If a network policy is applied at both the account and user levels, which policy takes precedence?

The account-level policy

The user-level policy

The most-restrictive policy

The policy that was applied first

Q352

What can be used to query a Snowpipe ingestion history from the last 14 days?

COPY\_HISTORY

LOAD\_HISTORY

PIPE\_USAGE\_HISTORY

VALIDATE\_PIPE\_LOAD

Q353

A user needs to load a 270 GB dataset into Snowflake.

What is the recommended FIRST step?

Load the file using SnowSQL and the COPY INTO <location> command.

Scale-up the virtual warehouse being used to load the data.

Organize the data into smaller, compressed files before loading.

Load the data using Snowsight.

Q354

How can customer data be restricted by country for a global company using a multi-tenant environment?

Implement a new account structure and create sub-accounts for each country. Then replicate the required data.

Implement a row-level security policy in the customer table that looks at a mapping table identifying which users should have access to what data.

Implement a secure User-Defined Function (UDF) and use a secure data share for each country.

Implement a column-level security policy in the customer table that restricts access based on the user's geographic location.

Q355

The granting of the global manage warehouses privilege is equivalent to granting which privileges on a virtual warehouse? (Choose two.)

DELETE

MODIFY

OPERATE

USAGE

OWNERSHIP

Q356

How can the outer array structure of a semi-structure file be removed?

Use the parameter STRIP\_OUTER\_ARRAY = TRUE in a COPY\_INTO <table> command.

Set the file format to eliminate any outer array structure before initiating the COPY\_lNTO <table> command.

Filter the outer array structure using a PUT command with the INCLUDE\_OUTER\_ARRAY = FALSE parameter.

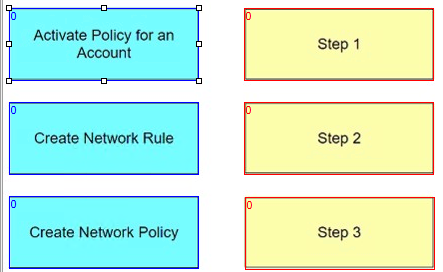
Use the FLATTEN command with the OUTER ARRAY = FALSE parameter.

Q357

DRAG DROP

What workflow should be used to create a network policy that will be used to control inbound traffic?

*Instructions: Select the options from the list on the left, drag and put them into the correct order on the right.*



ANSWER



Q358

Which characteristic would make a query a good candidate for the query acceleration service?

The query contains a GROUP BY expression with high cardinality.

The query is running against a table that does not have a cluster key.

The query contains functions that return nondeterministic results.

The query demands more virtual warehouse resources than usual.

Q359

Which Snowflake command or feature is designed for continuous data ingestion?

COPY INTO <table>

Snowsight

Snowpipe

Streams

Q360

Which columns in the Snowflake.Account\_usage.query\_history view will help a user optimize retried queries and understand query execution speed fluctuations? (Choose two.)

BYTES\_SCANNED

QUERY\_RETRY\_TIME

FAULT\_HANDLING\_TIME

QUERY\_ACCELERATION\_PARTITIONS\_SCANNED

QUERY\_RETRY CAUSE

Q361

What are the benefits of using the Snowflake Access\_History view? (Choose two.)

It identifies data that is not being used so that it can be archived or deleted.

It allows the user to compare query performance data over time.

It audits whether query policies are being enforced correctly.

It tracks how sensitive data has been moved.

It allows users to track the relationships among objects.

Q362

What Snowflake service or feature can be used to ensure that Snowflake-hosted data is still available if an account becomes inaccessible because of a regional cloud service provider outage?

Time Travel

Fail-safe

A data share

Cross-region replication

Q363

What privileges or user roles are required to get or request access to data that is available in the Snowflake Marketplace? (Choose two.)

MANAGE SHARE

IMPORT SHARE

USERADMIN

SECURITYADMIN

ACCOUNTADMIN

Q364

If a column contains float values that are greater than (15.9) that need to be preserved when unloading data, what data file format should be used?

JSON

PARQUET

AVRO

ORC

Q365

What tasks should be performed with SnowSQL? (Choose two.)

Sharing data with consumers that do not have a Snowflake account

Running queries and performing Data Definition Language (DDL) and Data Manipulation C. C. Language (DML) operations

Running commands for Streamlit

Loading and unloading data into tables

Visualizing data with graphs and charts

Q366

What action will cause the cache associated with compute resources to be dropped?

Increasing the size of a running standard virtual warehouse

Decreasing the size of a running standard virtual warehouse

Adding a new standard virtual warehouse that is the same size as a running warehouse

Adding a multi-cluster virtual warehouse that is of a similar size to a running warehouse

Q367

When retrieving data from a table, which type of query will benefit the MOST from use of the search optimization service?

Queries with unpredictable data volumes.

Queries with highly-selective table filters that return a small subset of rows.

Queries on fields in a VARIANT column that will return all data as structured data.

Queries that involve one or more columns inside the cluster key using the lowest cardinality to select filters.

Q368



What do these Query Profile metrics indicate about the query micro-partition pruning?

No micro-partitions were pruned during execution.

The query used the local disk cache and pruning was not required.

The size of the data queried was too small to trigger micro-partition pruning.

Since the bytes scanned is less than the bytes written to results, some pruning has occurred.

Q369

Which Snowflake features or services are designed to support data recovery without impacting ongoing operations? (Choose two.)

Materialized views

Micro-partitioning

Time Travel

Local caching of data within virtual warehouses

Fail-safe

Q370

How does Snowflake support Multi-Factor Authentication (MFA) with a second factor device?

Through Role-Based Access Control (RBAC)

Through integration with OAuth

Using time-based, one-time passcodes

Using federated authentication and Single Sign-On (SSO)

Q371

What is the MINIMUM Snowflake edition that has data quality and data metric functions enabled?

Standard

Enterprise

Business Critical

Virtual Private Cloud (VPS)

Q372

Use of an insert-only stream can be created on which type of table?

Temporary

Permanent

External

Transient

Q373

Which Snowflake security feature has the HIGHEST precedence in the security feature hierarchy?

Account roles

Network policies

Masking policies

Snowflake Oauth

Q374

What is the LEAST-PRIVILEGED role that can create a share in Snowflake by default?

SYSADMIN

SECURITYADMIN

USERADMIN

ACCOUNTADMIN

Q375

Using what type of table will help users MINIMIZE storage costs for tables that contain non-critical data and change frequently?

Temporary table

Transient table

Dynamic table

Hybrid table

Q376

Which Snowflake feature is used to track sensitive data to ensure compliance, identify data, and monitor resource usage?

Data classification

Data quality monitoring

Object tagging

Multi-Factor Authentication (MFA)

Q377

A virtual warehouse handles hundreds of similarly-sized queries every day. Occasionally an analyst needs to query a very large amount of data,

What virtual warehouse configuration should be used to optimize this workload?

Search optimization service

Auto-scaling multi-cluster warehouses

Query acceleration service

A size 6X-Large warehouse

Q378

What is the LEAST-PRIVILEGED role that can enable replication for both source and target accounts by default?

ORGADMIN

ACCOUNTADMIN

SYSADMIN

SECURITYADMIN

Q379

Which queries will access data in an ARRAY object? (Choose two.)

SELECT ARRAY\_SLICE (my\_array\_column, 5, 10) FROM my\_table;

SELECT OBJECT\_CONSTRUCT( 'name', 'Jones'::VARIANT, 'age', 42::VARIANT);

SELECT my\_array\_column \* 3.14 FROM ...;

SELECT my\_array\_column[0][0] FROM my\_table;

SELECT my\_array\_column['key1'] FROM my\_table;

Q380

A Snowflake user noticed that in the past 24 hours, a set of select queries are running much slower than usual.

What steps will help identify the cause? (Choose two.)

Compare the Query Profiles for recently-run queries and those that ran more than 24 hours ago

Check the query history for any data definition language (DDL) changes in the last 24 hours.

Use the SHOW TRANSACTIONS command to identify blocking queries.

Use SHOW LOCKS to identify current locks on resources.

Use SYSTEM$ESTIMATE\_AUTOMATIC\_CLUSTERING\_COSTS.

Q381

What use case would benefit from the use of a Snowpark-optimized warehouse?

A single query is run once daily to update all rows on a dynamic table.

Multiple queries are run frequently to update a small number of rows in a table that has a cluster key defined.

A workload executes SELECT statements on a single 1 KB table using filters on a unique key.

A workload has a large memory requirement using a stored procedure on a single virtual warehouse node.

Q382

A Snowflake user is querying JSON data, and all values in the result set are wrapped in quotes.

What needs to be done to unwrap the data from all the columns in the query results?

Use the TRIM function to remove all quotes.

Use the INSTR function to remove all quotes.

Use the SUBSTRING function to select the values that are inside the quotes.

Use the CAST function to convert the column to the correct data type.

Q383

Which Snowflake tool or feature enables governed sharing of datasets with a selected group of consumers that are invited, internal or external, to a Snowflake user’s company?

Snowflake Marketplace

Data Exchange

Replication

Snowpipe

Q384

Which Snowflake objects consume storage? (Choose two.)

Views

Materialized views

Temporary schemas

Permanent tables

External tables

Q385

When a schema is cloned what happens to the tags that reside in that schema or database?

The tags are deleted and must be redefined in the target schema.

The tags remain in the source schema unchanged.

The tags become temporarily inactive until they are manually reactivated.

The tags are automatically cloned with the schema, maintaining all associations.

Q386

What command will return a list of files that have been unloaded to a user stage?

DESC @~

GET @~

SHOW @~

LIST @~

Q387

Which property or parameter can be used to temporarily disable Multi-Factor Authentication (MFA) for a Snowflake user?

DISABLE\_MFA

EXT\_AUTHN\_DUO

MINS\_TO\_BYPASS\_MFA

ALLOW\_CLIENT\_MFA\_CACHING

Q388

Structured data must be moved from a Snowflake table to an Amazon S3 bucket and transformed into JSON.

What function should be used to do this?

PARSE\_JSON()

ARRAY\_CONSTRUCT()

OBJECT\_CONSTRUCT()

GET

Q389

Which action will scale-out a Snowflake virtual warehouse?

Removing 1 cluster from a multi-cluster warehouse

Adding 2 additional clusters to a multi-cluster warehouse

Resizing a warehouse from size Small to X-Large

Resizing a warehouse from size Large to Medium

Q390

What option in the COPY\_INTO <table> command is used to test the data file instead of loading it into the table?

VALIDATION\_MODE = RETURN\_ERRORS

ON\_ERROR = SKIP\_FILE

ON\_ERROR = ABORT\_STATEMENT

LOAD\_UNCERTAIN\_FILES = TRUE

Q391

Which table function will identify data that was loaded using COPY INTO <table> statements and also identify data loaded using Snowpipe?

DATA\_TRANSFER\_HISTORY

PIPE\_USAGE\_HISTORY

VALIDATE\_PIPE\_LOAD

COPY\_HISTORY

Q392

Assuming the data provider has granted the required permissions to the objects in a share, which statement will grant permissions to the role, consumer\_role, allowing access to the objects in the shared database, share\_db?

grant imported privileges on database share\_db to role consumer\_role;

grant usage on database share\_db to role consumer\_role;

grant ownership on database share\_db to role consumer\_role;

grant all on database share\_db to role consumer\_role;

Q393

Which privilege is required to access a virtual warehouse load chart?

MONITOR

OPERATE

USAGE

READ

Q394\

Which COPY INTO <table> options can be used to load data from a staged file when the metadata in the file has expired? (Choose two.)

LOAD\_UNCERTAIN\_FILES

LOAD\_EXPIRED\_FILES

FORCE

ENFORCE\_LENGTH

PURGE

Q395

What common query issues can be identified using the Query Profile? (Choose two.)

Exploding joins

UNIONS Without ALL

Insufficient role permissions

Insufficient role permissions

An incorrect filter condition in a WHERE clause

Q396

When unloading data, which file format will keep floating-point number column data without truncating it?

XML

JSON

Parquet

CSV

Q397

What will be the result of this command?

SELЕСТ value FROM LATERAL FLATTEN(input => parse\_json('[1, 2, 3]'));

It will return a single row with three columns with values 1, 2, and 3.

It will return a single row with the values 1, 2, and 3 concatenated.

It will return a single row with the array [1, 2, 3].

It will return three rows with the values 1, 2, and 3.

Q398

Which object can be used to query the data loading history for the last 365 days for a Snowflake account?

The SNOWFLAKE.ACCOUNT\_USAGE.COPY\_HISTORY view

The SNOWFLAKE.ACCOUNT\_USAGE.DATA\_TRANSFER\_HISTORY view

The database INFORMATION\_SCHEMA.COPY\_HISTORY table function

The database INFORMATION\_SCHEMA.DATA\_TRANSFER\_HISTORY table function

Q399

Which option will replace NULL values with an empty string while unloading data into a file?

null\_if=('NULL')

null\_if=('')

FIELD\_OPTIONALLY\_ENCLOSED\_BY = NONE

EMPTY\_FIELD\_AS\_NULL = TRUE

Q400

What does adding the PARTITION BY clause in the COPY INTO <location> command do?

It specifies which table partition will be used to copy data.

It partitions unloaded table rows into separate files.

It defines the partitioning scheme for the target table.

It filters the rows to be unloaded based on partition values.

Q401

A Snowflake user creates this stored procedure:

CREATE PROCEDURE SALES\_REPORT(MONTH INT, YEAR INT)

What statement will remove the stored procedure?

DROP PROCEDURE SALES\_REPORT(MONTH INT, YEAR INT);

DROP PROCEDURE SALES\_REPORT(INT, INT);

DROP SALES\_REPORT(MONTH INT, YEAR INT);

DROP SALES\_REPORT;

Q402

How is Role-Based Access Control (RBAC) used in Snowflake?

It requires each user to authenticate before allowing access to Snowflake objects.

It is used to assign data access permissions directly to individual users based on a job function assignment.

It uses a hierarchy of roles to manage access, allowing users to inherit privileges from roles that have been granted to them.

It allows roles to access all data objects by default and supports ACCOUNTADMIN authority to explicitly restrict access to individual users.

Q403

What is the LEAST privilege required to list files in a table stage using the LIST command?

SELECT on the table stage

USAGE on the table stage

REFERENCES on the table

OWNERSHIP on the table

Q404

A Snowflake account holds data that will be consumed by a BI tool. Most of the BI users are located in the United States, but some users will require access from abroad. Users will submit queries randomly, with different levels of concurrency.

What virtual warehouse would be MOST cost-efficient?

A maximized multi-cluster warehouse with the minimum number of clusters that are big enough to handle the expected maximum concurrency.

A large enough standard warehouse able to handle the expected maximum concurrency.

A large enough Snowpark-optimized warehouse that will have sufficient memory to handle the expected maximum concurrency.

An auto-scale, multi-cluster warehouse with a maximum number of clusters that are large enough to handle the expected maximum concurrency.

Q405

A table, STUDENTS, is created using this command:

CREATE TABLE STUDENTS (

NAME VARCHAR (50),

MARKS OBJECT

);

An example value for the marks is:

{

"history": 10,

"math": 20,

"science": 15

}

Which query will return all of the students’ names and history marks?

SELECT NAME, MARKS[0] FROM STUDENTS;

SELECT NAME, MARKS::history FROM STUDENTS;

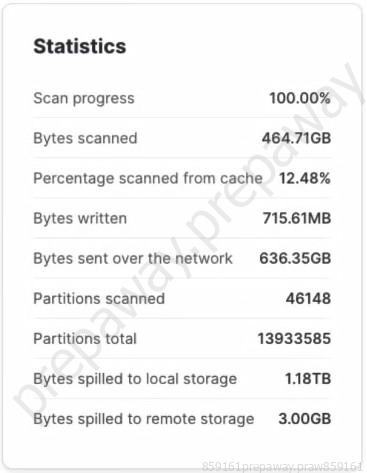
SELECT NAME, GET(MARKS, ‘history’) FROM STUDENTS;

SELECT NAME, MARKS:HISTORY FROM STUDENTS;

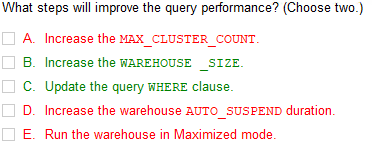
Q406

The Query Profile shows the metrics of a query that ran on a size Large virtual warehouse.





What steps will improve the query performance? (Choose two.)



B and C

Q407

Which column in the ACCESS\_HISTORY view in Snowflake describes access history for a column and provides additional information on how columns have been altered over time?

direct\_objects\_accessed

objects\_modified

object\_modified\_by\_ddl

base\_objects\_accessed

Q408

Which Snowflake edition supports a dedicated metadata store and separate compute clusters that are inaccessible to other Snowflake customers?

Standard

Enterprise

Business Critical

Virtual Private Snowflake (VPS)

Q409

Which Snowflake tasks will take advantage of underlying micro-partition metadata? (Choose two.)

Query pruning

Queries using a result cache

Queries using a local disk cache

Queries using a remote disk cache

Operations using Data Manipulation Language (DML)

Q410

What happens if a query is spilling memory onto local disk storage, until the memory is full, but the query will require more memory as it progresses?

Snowflake will automatically increase local disk storage until the query has fully-executed.

The query will be queued until sufficient memory is available on the local disk.

The query will spill additional data onto cloud storage.

The query will pause until there is free storage space on the local disk.

Q411

When creating an external table that includes a row access policy, what can be used to verify that the policy is working correctly?

Use the POLICY\_REFERENCES view.

Use the EXTERNAL\_FUNCTIONS\_HISTORY table function.

Use the EXTERNAL\_TABLE\_FILES table function.

Use the POLICY\_CONTEXT function.

Q412

What query acceleration service setting can be configured by the user?

Minimum number of clusters

Maximum number of clusters

Scale factor

Resource monitor

Q413

These commands are run in Snowflake as an ACCOUNTADMIN:

USE DATABASE Demo;

USE SCHEMA Public;

CREATE USER ROB;

GRANT SELECT on all tables in schema public to USER ROB;

What is the expected output?

Each statement will result in a SQL compilation error.

An error will describe an issue with the GRANT SELECT statement.

An error will describe an issue with the USE SCHEMA definition statement.

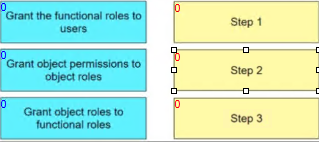
All statements will execute successfully.

Q414

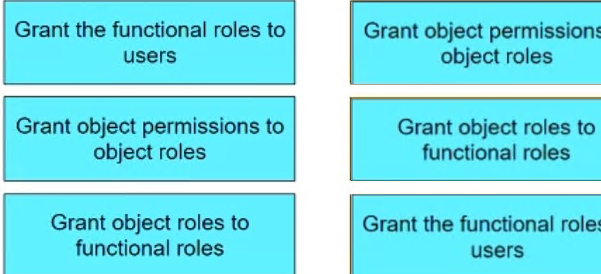
DRAG DROP

What is the recommended way to structure roles to provide users with access to database objects?

*Instructions: Select the options from the list on the left, drag and put them into the correct order on the right.*



ANSWER



Q415

How are values truncated when floating-point number columns are unloaded to CSV or JSON files?

1. (38,2)
2. (24,8)
3. (15,9)
4. (15,10)

Q416

What is a benefit of using system tags?

1. To manage compute resources
2. To support data governance
3. To increase query execution speed
4. To control data backup frequency

Q417

Which higher-order functions provide ways to manipulate and analyze both structured and semi-structured data? (Choose two.)

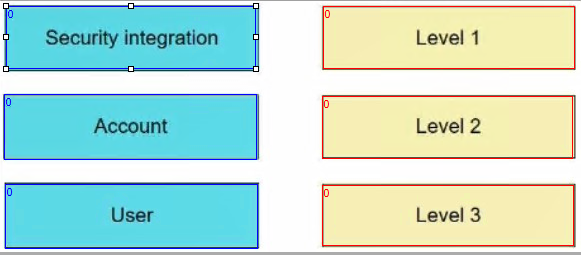
1. FILTER
2. FLATTEN
3. TRANSFORM
4. TYPEOF
5. ARRAY\_INSERT

Q418

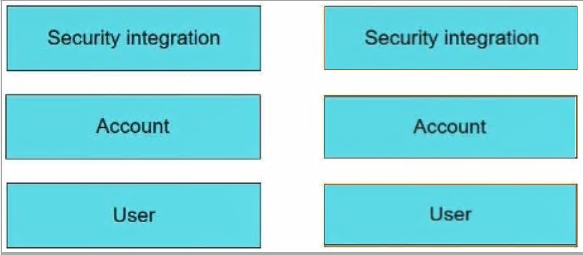
DRAG DROP

What is the order of precedence of Snowflake network policies, from highest-to-lowest?

*Instructions: Select the network policy from the list on the left, drag and put them into the correct order on the right. Level 1 is the highest, Level 3 is the lowest.*



Correct answer



Q419

A user is running queries that are starting to take too long.

Which metric should be checked in the Query Profile to determine if a full table scan was performed?

1. Scan progress
2. Bytes scanned
3. Percentage scanned from cache
4. Partitions scanned

Q420

What will be the retention period for an object if the parameter MIN\_DATA\_RETENTION\_TIME\_IN\_DAYS is set at the account level and the DATA\_RETENTION\_TIME\_IN\_DAYS is set at the object level?

1. The retention period will be equal to the value of the parameter MIN\_DATA\_RETENTION\_TIME\_IN\_DAYS set at the account level.
2. The retention period will be equal to the value of the parameter DATA\_RETENTION\_TIME\_IN\_DAYS set at the object level.
3. The retention period will be equal to the greatest of the two values of parameters DATA\_RETENTION\_TIME\_IN\_DAYS set at the object level, and MIN\_DATA\_RETENTION\_TIME\_IN\_DAYS set at the account level.
4. The retention period will be equal to the lesser of the two values of parameters DATA\_RETENTION\_TIME\_IN\_DAYS set at the object level and MIN\_DATA\_RETENTION\_TIME\_IN\_DAYS set at the account level.

Q421

If a multi-cluster virtual warehouse is running in auto-scale mode, how are workloads with unpredictable usage patterns handled?

1. Snowflake automatically resizes the warehouse based on usage requirements.
2. Snowflake automatically starts and stops additional clusters as needed.
3. Snowflake notifies users when to adjust the number of clusters to improve workload performance.
4. Snowflake automatically starts additional clusters when the primary cluster reaches 50% capacity.

Q422

Which connectors support Multi-Factor Authentication (MFA) token caching when connecting to Snowflake? (Choose two.)

1. JDBC
2. Go
3. PHP
4. Node.js
5. Python

Q423

How can a privilege be given to multiple roles in Snowflake? (Choose two.)

1. Assign the privilege to a child role within a role hierarchy.
2. Use FUTURE GRANTS on the roles that need the privilege.
3. Manually assign the privilege to each role.
4. Define and implement an automatic privilege inheritance rule.

E: Use the ALTER ROLE statement to assign the privilege.

Q424

For which situation would a direct share be recommended when sharing accounts?

1. When the accounts are not using the same cloud providers
2. When charging consumers for data
3. When the accounts are in the same region
4. When the account sharing needs to retrieve consumer data metrics

Q425

What is recommended for workloads that have large memory requirements, such as an ML training use case that uses a stored procedure running on a single virtual warehouse node?

1. Use of the Economy policy on a multi-cluster virtual warehouse.
2. Use of the Standard policy on a multi-cluster virtual warehouse.
3. Use of a Snowpark-optimized virtual warehouse.
4. Use of a Standard Snowflake virtual warehouse.

Q426

When is the use of the query acceleration service MOST beneficial? (Choose two.)

1. When analytical queries are performed frequently at unscheduled times.
2. When the data workloads for most queries have large, unpredictable data volumes.
3. When the queries have small scans and selective filters.
4. When typical queries include a LIMIT clause without an ORDER BY clause.
5. When typical queries do not have filters or aggregate clauses.

Q427

How can data be shared in Snowflake with another account located in the same region without the need to copy or move the data?

1. Use the Snowflake Marketplace.
2. Use a stream.
3. Use a Data Exchange.
4. Use a direct share.

Q428

What is included in the LOAD\_HISTORY view of the INFORMATION\_SCHEMA? (Choose two.)

1. A list of the COPY INTO <location> commands that were executed
2. The names of the source and target tables
3. The number of rows loaded from the source file
4. A timestamp indicating when the data load was completed
5. The copy history of data loaded using Snowpipe

Q429

What can be used to improve the performance of queries that are run on an external table?

1. Search optimization service
2. Query acceleration service
3. Clustering key
4. Materialized view

Q430

Which Snowflake feature or object is used to create a snapshot of a schema or a table with no costs incurred?

1. Time Travel
2. Zero-copy cloning
3. Micro-partitioning
4. Transient tables

Q431

How does Snowflake organize the loading of staged files into Snowpipe after the files have been added to a queue?

1. A single process is used to load the files, guaranteeing the that files will be loaded in the exact order they were entered into the stage.
2. Multiple processes are used to load the files using a Last-In-First-Out order structure, based on when the files were entered into the stage.
3. A single process is used to load the files in a First-In-First-Out order structure, based on when the files were entered into the stage.
4. Multiple processes are used to load the files, and files may not be loaded in the exact order that they were entered into the stage.

Q432

What file function will retrieve the path of a staged file using the stage name and the absolute file path?

1. GET\_ABSOLUTE\_PATH
2. GET\_STAGE\_LOCATION
3. GET\_RELATIVE\_PATH
4. GET\_PRESIGNED\_URL

Q433

When used with the UNLOAD command, which parameter specifies the destination of unloaded data?

1. COPY INTO <table name>
2. COPY INTO <stage name>
3. GET <file name>
4. PUT <file name>

Q434

What will happen when the VALIDATION\_MODE parameter is included in a COPY INTO <location> command?

1. Data will be successfully loaded if no errors are identified during the validation.
2. A validation report will be issued before the data is copied into the designated location
3. All data will be loaded and an error report will be generated if errors are identified during the validation
4. The COPY INTO <location> statement will return the results of the validation and will load only error-free records

Q435

A Snowflake user recreates a source object that was referenced in a stream.

What effect will this have on the stream?

1. The stream will be emptied
2. The stream will become stale
3. The stream will be dropped
4. The stream will remain unchanged

Q436

Which Snowflake object is cloned when cloning a schema?

1. External table
2. Internal stage
3. A pipe
4. A pipe object that references an external stage

Q437

What is the COALESCE conditional expression used for?

1. To split a STRING into multiple ARRAYs
2. To remove duplicates from a data set
3. To join data from multiple columns
4. To return the first non-NULL expression in an argument

Q438

A user needs to unload the contents of a Snowflake table and add it to an Amazon S3 storage bucket.

How does Snowflake recommend doing this?

1. Use the PUT command to directly write the data to the cloud storage location URL
2. Create an external stage referencing the cloud storage location URL and unload the table using the put command
3. Create a table stage referencing the cloud storage location URL and export the table using the COPY INTO <location> command
4. Create an external stage referencing the cloud storage location URL and unload the table using the COPY INTO <location> command

Q439

Create an external stage referencing the cloud storage location URL and unload the table using the COPY INTO <location> command

1. Add more storage.
2. Convert to a multi-cluster warehouse.
3. Increase the size of the warehouse
4. Run the query during off-peak hours.

Q440

How should Multi-Factor Authentication (MFA) be enabled for a user?

1. A USERADMIN must enroll the user
2. A SECURITYADMIN must enroll the user.
3. An ACCOUNTADMIN must enroll the user
4. Each Snowflake user must enroll themselves.

Q441

What notation methods are supported in Snowflake to access elements in a JSON object? (Choose two.)

1. Classless Inter-Domain Routing (CIDR) notation
2. Vertical bar notation
3. Bracket notation
4. Slash notation
5. Dot notation

Q442

What type of queries will benefit from the search optimization service when using equality predicates?

1. Queries using point-lookups
2. Queries using data substrings
3. Queries with geospatial data
4. Queries of semi-structured data

Q443

Which combination of permissions are required to create a pipe in Snowflake? (Choose two.)

1. USAGE on the virtual warehouse
2. CREATE PIPE at the schema level
3. CREATE SCHEMA at the database level
4. OWNERSHIP on the table in the pipe definition
5. SELECT and INSERT on the table in the pipe definition

Q444

What data-type constructs are used to create a hierarchy when organizing semi-structured data? (Choose two.)

1. A VARIANT can hold a value of any other data type.
2. An ARRAY or OBJECT holds a value of type INTEGER.
3. An ARRAY or OBJECT holds a value of type VARIANT
4. An ARRAY or OBJECT holds a value of type VARCHAR
5. An ARRAY or OBJECT holds a value of type VECTOR

Q445

Which feature uses a Snowflake key with a customer-managed key to protect data?

Trust Center

**Tri-Secret Secure**

Key-pair authentication

Multi-Factor Authentication (MFA)

Q446

On which objects can the REMOVE command be applied? (Choose two.)

Directory tables

External tables

**External stages**

**Internal stages**

Streams

Q447

Which grant will provide a user with access to data that is in a Snowflake share?

GRANT SELECT ON ALL TABLES IN DATABASE <SHARE> TO USER <USER>;

GRANT READ ON ALL TABLES IN DATABASE <SHARE> TO ROLE <ROLE>;

GRANT IMPORTED PRIVILEGES ON DATABASE <SHARE> TO ROLE <ROLE>;

**GRANT USE ON DATABASE <SHARE> TO ROLE <ROLE>;**

Q448

What command will create a table with the same structure as an existing table, without replicating the data?

CREATE TABLE ... AS SELECT

CREATE TABLE ... USING TEMPLATE

**CREATE TABLE ... LIKE**

CREATE TABLE ... CLONE

Q449

What are the results of the NULL\_COUNT Data Metric Function (DMF) used to verify?

**The accuracy of the data**

The uniqueness of the data

The freshness of the data

The volume of the data

Q450

When a column in a table is dropped what is the impact on the table's micro-partitions?

New micro-partitions will be created that include all remaining columns and data.

The table’s micro-partitions will be updated to reflect the removal of the data in the dropped column.

A new table will be created, without the data in the dropped column and new micro-partitions will be created

**The existing micro-partitions will not be changed or impacted.**

Q451

How are micro-partitions enabled on Snowflake tables?

Micro-partitioning requires a cluster key on a table.

**Micro-partitioning is automatically performed on a table**

Micro-partitioning requires the use of the search optimization service

Micro-partitioning is defined by the user when a table is created.

Q452

Which queries need an active warehouse to run? (Choose two.)

**SELECT COUNT (1) FROM <TABLE\_NAME>;**

CREATE TABLE <TABLE\_NAME> (<COLUMN> <DATATYPE>);

DESCRIBE TABLE <TABLE\_NAME>;

**DELETE FROM <TABLE\_NAME>;**

SELECT \* FROM <TABLE NAME>;

Q453

Which table is designed to store a catalog of stage files in cloud storage?

Dynamic table

Hybrid table

**Directory table**

Iceberg table

Q454

Which virtual warehouse configuration requires the maximum number of clusters to be equal to the minimum number of clusters?

Auto-scale mode

**Maximized mode**

Standard scaling policy

Economy scaling policy

Q455

Which command should be used to load data incrementally based on column values that are specified in a source table or subquery?

**MERGE**

COPY INTO

GET

INSERT INTO

Q456

A user needs to know this information about an object:

1. Who accessed the data?

2. When was the data accessed?

3. What columns were accessed?

Which ACCOUNT\_USAGE schema view should be used?

QUERY\_HISTORY

**ACCESS\_HISTORY**

EVENT\_USAGE\_HISTORY

OBJECT\_DEPENDENCIES

Q457

Which statement will return all rows from table\_A?

SELECT \* FROM table\_A TABLESAMPLE (0);

**SELECT \* FROM table\_A TABLESAMPLE (100);**

SELECT \* FROM table\_A SAMPLE (10);

SELECT \* FROM table\_A TABLESAMPLE BERNOULLI (10);

Q458

If a custom role has not been assigned to the SYSADMIN role through a role hierarchy, which roles will have the ability to provide access to objects? (Choose two.)

**SECURITYADMIN**

USERADMIN

A custom role for users that also have the PUBLIC role

**A custom role with the MANAGE GRANTS privilege**

A custom role with the USAGE privilege

Q459

Which Snowflake objects can be used as tokens in SnowSQL? (Choose two.)

Table

View

User

**Role**

**User-Defined Function (UDF)**

**Q460**

Dynamic Data Masking can be used with which Snowflake objects? (Choose two.)

**Views**

Materialized views

**Tables**

External tables

Future grants

Q461

A query runs significantly slower than expected.

Which Query Profile metrics will help identify the issue? (Choose two.)

Processing

**Resource usage**

**Query Plan execution steps**

Bytes scanned

Partitions scanned

Q462

Which column is used with streams to track changes to metadata?

**METADATA$ROW\_ID**

METADATA$START\_SCAN\_TIME

METADATA$FILE\_CONTENT\_KEY

METADATA$FILE\_ROW\_NUMBER

Q463

What are benefits of using reader accounts when sharing data in Snowflake? (Choose two.)

Consumers can create and apply masking policies to unloaded data

Consumers can use resource monitors to track and limit costs.

**Consumers can use a single reader account to access data from multiple data providers.**

**Providers can share data with consumers who do not have Snowflake accounts**

Consumers can unload data using the COPY INTO <location> command.

Q464

A global company needs to share financial reports with managers who are in different regions Managers should only see the data from their respective regions.

How can these requirements be met with the LEAST amount of operational overhead?

Create unique views for each region

Build individual reports for each manager

**Use row-level security on the source data table used to generate the reports**

Apply Dynamic Data Masking based on a custom role assigned to each manager

Q465

A data provider shares a Snowflake secure view with a user who is outside of the provider's organization.

Which parameter can the provider use to impersonate the user and access view?

CLIENT\_METADATA\_USE\_SESSION\_DATABASE

ALLOWED\_SHARES

**SIMULATED\_DATA\_SHARING\_CONSUMER**

SHOW\_SHARES

Q466

Which role is outside of the hierarchy of system roles?

ACCOUNTADMIN

SECURITYADMIN

**ORGADMIN**

SYSADMIN

Q467

By default, which system roles can create and manage users? (Choose two.)

**USERADMIN**

SYSADMIN

**SECURITYADMIN**

PUBLIC

ORGADMIN

Q468

Which queries will require a running virtual warehouse? (Choose two.)

**SELECT COUNT(\*) FROM <table>;**

DELETE FROM <table>;

**UPDATE <table> SET;**

DROP TABLE <table>;

SELECT CURRENT DATABASE();

Q469

Which commands will indicate if Multi-Factor Authentication (MFA) has been enabled for a given user? (Choose two.)

**SHOW USERS**

**DESCRIBE USER**

SHOW PARAMETERS

SHOW USER FUNCTIONS

SHOW CONNECTIONS

Q470

What step will help to reduce query queuing?

Use a Standard virtual warehouse

**Use a multi-cluster virtual warehouse.**

Decrease the size of the virtual warehouse.

Increase the value of the virtual warehouse auto-suspend parameter.

Q471

Hundreds of simple queries are run against a small table every day using a Standard Snowflake virtual warehouse Occasionally, a query is run that needs to scan a very large amount of data.

What Snowflake service or feature should be used to OPTIMIZE this workload?

**Use the search optimization service.**

Use the query acceleration service.

Use a Snowpark-optimized virtual warehouse.

Use the Auto-scale mode on a multi-cluster virtual warehouse.

Q472

What Snowflake object tracks changes that have been made to tables and views, returning only the modified records?

Task

**Stream**

Stage

Dynamic table

Q473

What is the MINIMUM Snowflake edition needed to take advantage of Data Quality and use Data Metric Functions (DMFs)?

Standard

**Enterprise**

Business Critical

Virtual Private Cloud (VPS)

Q474

Which Snowflake feature supports the use of natural language queries to analyze unstructured data?

Snowsight

Snowflake ML

**Snowflake Cortex**

Snowflake Horizon Catalog

Q475

Queries are frequently run on very large tables and return only a few rows.

Use of which feature or service will OPTIMIZE the query performance?

Automatic Clustering

**The search optimization service**

The query acceleration service

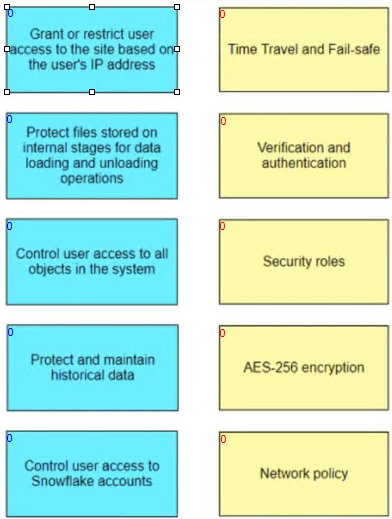
A materialized view

Q476

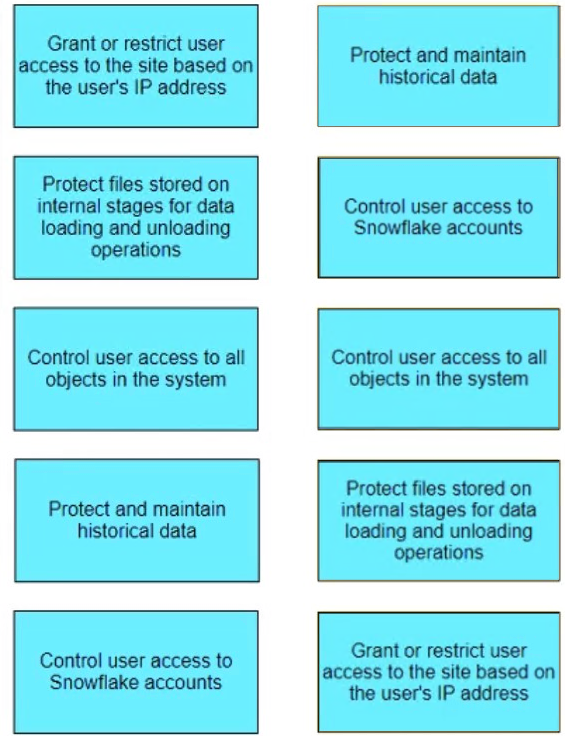
DRAG DROP

Match the security requirements on the left with the Snowflake Continuous Data Protection feature on the right

*Instructions: Select the options from the list on the left, drag and put them onto the correct feature on the right.*



**ANSWER AREA:**



Q477

Which column data type is supported when defining a clustering key on a table?

**VARCHAR**

VARIANT

OBJECT

GEOGRAPHY

Q478

A virtual warehouse is resized from a size Small to a size Large while four queries are running.

What will occur?

**The warehouse will be resized, and the running queries will continue to run on the Small warehouse.**

The warehouse will be resized, and the running queries will be re-run on the Large warehouse.

The warehouse will be resized after the running queries are fully executed using the Small warehouse.

The warehouse resize command will fail and will have to be re-run after the running queries are fully executed.

Q479

Which programming language does Streamlit use in Snowflake?

GO

Java

Scala

**Python**

**Q480**

What Multi-Factor Authentication (MFA) service is provided by Snowflake?

Microsoft Entra ID

Google Authenticator

**Duo Security**

Microsoft Authenticator

Q481

Which function, when combined with an INSERT statement, will insert semi-structured data into a VARIANT column?

TO\_JSON

TO\_VARCHAR

**PARSE\_JSON**

OBJECT\_INSERT

Q482

Revoking which privilege will prevent one role from giving privileges to other roles?

USAGE

MODIFY

REFERENCES

**MANAGE GRANTS**

**Q483**

Which function, when combined with a COPY\_INTO <location> command, will convert the rows in a relational table to a single VARIANT column while the rows are being unloaded?

ARRAY\_AGG

**OBJECT\_CONSTRUCT**

TO\_VARIANT

OBJECT\_AGG

Q484

What is required to run Streamlit in a Snowflake application?

**A virtual warehouse**

External compute servers

A cloud-based object storage service

Snowflake-native storage and compute resources

Q485

Which URL type should be used to provide a user with a window of time to access files that are in cloud storage?

Scoped URL

File URL

**Pre-signed URL**

Redirect URL

Q486

Where does Streamlit store processed data?

User stages

External tables

**Internal stages**

Snowflake tables

Q487

If a table was dropped and the DATA\_RETENTION\_TTME\_IN\_DAYS was set to 0, how can the data from the table be recovered?

By creating a failover group

**By creating a Snowflake Support ticket**

By running the UNDROP TABLE command

By running the CLONE... BEFORE command

Q488

What are streams used for in Snowflake?

To execute data pipelines

**To track DML changes that have been made to tables**

To define the data file formats being loaded into Snowflake

To cache data to be used to improve future query performance

Q489

What is the MAXIMUM data recovery time for data stored in a transient table in a Snowflake Enterprise Edition account?

0 to 90 days with Time Travel as configured, plus 7 days of Fail-safe.

7 days using Fail-safe.

**0 to 1 days with Time Travel as configured.**

0 to 90 days with Time Travel as configured.

Q490

Which steps will reduce memory spillage when running a very large query (Choose two.)

Enable auto-scale mode on the virtual warehouse.

Increase the network bandwidth.

**Process the data in smaller batches.**

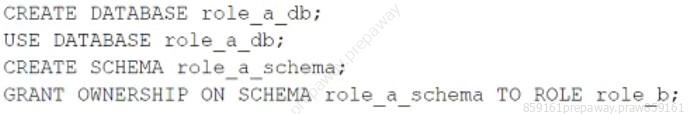
Add a DISTINCT clause to the query.

**Increase the size of the virtual warehouse.**

**Q491**

ROLE\_A has been granted the privilege to create databases on an account.

These commands are executed:



What will be the result?

Users with both role\_a and role\_b can create objects in the schema.

**Users with role\_a can use the schema, but cannot create objects in it.**

Users with role\_a can no longer view or use the schema.

Users with role\_b can transfer ownership of the schema, but they cannot create objects in it.

**Q492**

When resizing a currently-running virtual warehouse, what happens to in-progress queries?

In-progress queries will be cancelled.

Queries will continue running, using the new warehouse size.

**Queries will continue running, using the current warehouse size.**

Queries will be paused and automatically be re-processed using the new warehouse size.

Q493

What is the impact of removing some of the privileges granted to a role?

The role will retain all privileges until a new session is started.

**The role will lose access to objects that are not granted to the updated role.**

The user will have to reinstate the role using the use role command after the change.

Any users who are actively using the role will have their current session terminated.

Q494

When creating a new virtual warehouse, setting which parameter will ensure that the warehouse shuts down after a specific period of inactivity?

SCALING\_POLICY

**AUTO\_SUSPEND**

AUTO\_RESUME

INITIALLY\_SUSPENDED

Q495

Where can file formats be specified when unloading data from Snowflake? (Choose two.)

In a SELECT statement

**In a CREATE stage statement**

In a CREATE DATABASE statement

In a CREATE INTEGRATION statement

**In a COPY INTO <location> statement**

**Q496**

What table types are optimized for transactional workloads?

Event tables

**Hybrid tables**

Dynamic tables

Permanent tables

Q497

Which feature or service allows users to modify clustering algorithms that are built into Snowflake?

Search optimization

Micro-partitioning

Partition clustering

**Clustering keys**

**Q498**

What is the role of the COMPRESSION parameter in the COPY INTO <location> command?

It specifies the file format to use when unloading data.

It specifies the encryption method to be used for unloading data.

**It specifies the compression algorithm to be used when unloading data.**

It specifies if the data should be compressed into a single file when unloading the data.

Q499

For how long is data history reported in the QUERY\_HISTORY view?

24 hours

7 days

14 days

**1 year**

**Q500**

What are benefits of using managed schemas? (Choose two.)

Object owners can grant other roles access to their objects.

Once created, a managed schema cannot be converted to a non-managed schema.

**Managed schemas limit the ability of users to grant privileges on objects in the schema.**

Managed schema owners are restricted from granting privileges on objects in the schema to other roles.

**A role with the MANAGE GRANTS privilege can grant other roles privileges on objects in the managed schema.**

**Q501**

Why is the PRIMARY KEY constraint used on standard tables?

To encrypt data in the table and ensure security

To cluster data in the table and improve performance

To enforce data integrity by preventing duplicate values

**To indicate unique identifiers for metadata purposes**

**Q502**

Use of which functions will return a default value if an expression evaluates to NULL? (Choose two.)

IS NULL

**IFNULL**

NULLIF

**COALESCE**

IS\_NULL\_VALUE

Q503

A user is working with data in a table MAP\_IP\_HOST that contains a million unique IP addresses, along with their respective hosts. The user is running queries on a virtual warehouse named WH\_XS, which is set with a MAX\_CLUSTER\_COUNT = 1.

The user reports poor query performance when running this command:



How can the query performance be improved?

Alter the warehouse and set the maximum cluster count to 3.

Alter the warehouse to enable the query acceleration service.

**Alter the table to add search optimization on the IP column.**

Alter the table to add clustering on the IP column.

Q504

What information in a secure User-Defined Function (UDF) is only available to authorized users? (Choose two.)

**The UDF definition code**

Return type

Parameter types

**A list of data imports**

Handler language

Q505

Which columns, by default, are included in all external tables? (Choose two.)

**VALUE**

METADATA$ACTION

METADATA$ROW\_ID

**METADATA$FILENAME**

METADATA$ISUPDATE

Q506

In the ACCOUNT\_USAGE schema, what system-defined database role can see a list of tables?

**OBJECT\_VIEWER**

USAGE\_VIEWER

GOVERNANCE\_VIEWER

SECURITY\_VIEWER

Q507

When using the COPY INTO <location> command, which parameter is used to unload table rows into separate files?

DETAILED\_OUTPUT

**PARTITION BY**

FILE\_FORMAT

HEADER

Q508

When would the use of the query acceleration service be MOST beneficial? (Choose two.)

When most queries have no filters or aggregate clauses.

When analytical queries are performed frequently at unscheduled times.

When queries typically include a LIMIT clause without an ORDER by clause.

**When queries with small scans and highly-selective filters are run frequently.**

**When the data workloads for most queries have large, unpredictable data volumes.**

**Q509**

Which automatic Snowpipe feature ensures that the same data file is not loaded multiple times into a table?

Snowpipe deletes files from the stage after they are loaded, so they cannot be loaded twice.

**Snowpipe references the metadata of previously-loaded files, and will not load new files with same metadata.**

Snowpipe renames each file after loading, ensuring that the same file cannot be loaded more than once.

Snowpipe moves each file to a temporary stage after loading, so it cannot be loaded more than once.

Q510

These queries were run at the indicated times:

Query\_l. Run at 2024-04-09 14:12:44.123 Select MAX (event\_timestamp) from application\_events;

Query\_2. Run at 2024-04-09 18:22:44.123 Select MAX (event\_timestamp) from application\_events as ae

Query\_3. Run at 2024-04-10 19:22:44.223 Select DISTINCT (event\_timestamp) from application\_events;

Query\_4. Run at 2024-04-10 20:22:44.123 Select distinct (event\_timestamp) from application\_events;

Query\_5. Run at 2024-04-10 21:22:44.123 Select distinct (event\_timestamp) from application\_events;

Query\_6. Ran at 2024-04-10 22:22:44.123 Select distinct (event\_timesamp) FROM application\_events;

Which query will use the result cache?

Query\_2 will make use of the persisted result cache of query\_1

Query\_4 will make use of the persisted result cache of query\_3

**Query\_5 will make use of the persisted result cache of query\_4**

Query\_6 will make use of the persisted result cache of query\_4

Q511

Which Snowflake objects can be defined with future grants? (Choose two.)

**Schemas**

**Databases**

Masking policies

External functions

Virtual warehouses

Q512

What costs are associated with sharing Snowflake data with a reader account?

The data provider incurs costs for the data storage costs and the data consumer incurs compute costs.

The data provider incurs costs for compute and the data consumer incurs costs for data storage.

The data provider does not incur costs when sharing data, the data consumer incurs costs for data storage and compute.

**The data consumer does not incur costs when accessing shared data, the data provider incurs costs for data storage and compute.**

**Q513**

Which command will allow users to query data from files in cloud storage without ingesting the data?

**CREATE EXTERNAL ТАBLE**

CREATE PIPE

CREATE TABLE

CREATE FILE FORMAT

Q514

A Snowflake user is creating a deployment pipeline for Snowflake objects.

What interface should be used to automate object deployment?

Snowflake Horizon Catalog

**SnowSQL**

ODBC driver

SnowCD

Q515

What is the default size for a newly-provisioned Snowpark-optimized virtual warehouse?

X-Large

Large

**Medium**

Small

Q516

When using the COPY INTO <location> command to unload table data into a CSV file, which option would compress the file using the default algorithm?

SNAPPY

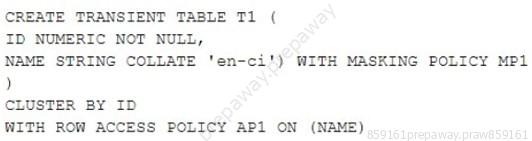
DEFLATE

NONE

**AUTO**

**Q517**

**A table was created using this statement:**

****

**Which feature of this table will incur both compute and storage costs?**

The row access policy

**The Automatic Clustering**

The Dynamic Data Masking policy

The NOT NULL constraint

Q518

What is a recommended best practice when loading data into Snowflake?

**Combine smaller files into larger files before loading.**

When loading a single large file split it into multiple files before loading.

Set the DATA\_RETENTION\_TIME\_IN\_DAYS on the table to 0 before loading.

Make sure the files in the stage are either all compressed or all uncompressed.

Q519

What does creating a resource monitor for a virtual warehouse allow a user to do?

Schedule when the warehouse start and stops.

**Track and control the credits consumed by the warehouse.**

Monitor the real-time performance of all queries running on the warehouse.

Automatically adjust the settings of the warehouse based on the workload

Q520

Which functions are used to manipulate semi-structured data? (Choose two.)

WIDTH\_BUCKET

HASH\_AGG

**ARRAY\_APPEND**

**OBJECT\_INSERT**

LISTAGG

Q521

What object or service uses Change Data Capture (CDC) to record Data Manipulation Language (DML) changes made to tables?

Task

**Stream**

Snowpipe

Event table

Q522

Which Snowflake table stores file-level metadata about unstructured data files in a stage, including the size last-modified timestamp and Snowflake file URL?

**Directory table**

External table

Dynamic table

Iceberg table

Q523

Which function will return the URL for an external stage by using the stage name as the input?

GET\_ABSOLUTE\_PATH

GET\_PRESIGNED\_URL

**GET\_STAGE\_LOCATION**

BUILD\_STAGE\_FILE\_URL

Q524

Which tasks will help OPTIMIZE virtual warehouse costs? (Choose two.)

**Enabling auto-suspend**

Limiting statement queue times

Enabling multi-cluster warehouses

**Limiting statement timeout seconds**

Enabling auto-resume

Q525

Which metrics are provided in the Query Profile?

**Query execution time and numbers of rows processed**

Data retention period and backup schedules

Roles and permission of users running the queries

The costs of running queries by user

Q526

Which operator is used to evaluate query pruning efficiency by comparing partitions scanned to partitions total?

IndexScan

ExternalScan

**TableScan**

Filter

Q527

What unit is used to calculate the monthly cost for storing data in Snowflake?

Gigabyte (GB)

Megabyte (MB)

**Terabyte (ТВ)**

Petabyte (PB)

Q528

Which statement will execute a stored procedure?

**CALL proc1(SELECT COUNT(\*) FROM <table>)**

CALL proc1(1) + proc1(2);

CALL proc1(1) + 1;

CALL proc1(proc2(1));

Q529

What is the LEAST-PRIVILEGED database role needed to view the definition of a secure materialized view?

USAGE\_VIEWER

**OBJECT\_VIEWER**

SECURITY\_VIEWER

GOVERNANCE\_VIEWER

Q530

Which steps will reduce memory spillage when running a very large query? (Choose two.)

Enable auto-scale mode on the virtual warehouse.

Increase the network bandwidth

**Process the data in smaller batches**

Add a DISTINCT clause to the query

**Increase the size of the virtual warehouse**

**Q531**

What is included in the calculation of the execution time reported in a Query Profile? (Choose two.)

Pruning

**Local disk IO**

**Processing**

Caching

Spilling

Q532

Which type of Snowflake security policy requires users to re-authenticate after a given period of inactivity?

Network policy

Password policy

Authentication policy

**Session policy**

**Q533**

What privileges are required to allow role RL\_CUST\_WH to start warehouse CUST\_WH?

**GRANT OPERATE ON CUST\_WH TO ROLE RL\_CUST\_WH;**

GRANT CREATE WAREHOUSES ON ACCOUNT TO ROLE RL\_CUST\_WH;

GRANT MANAGE WAREHOUSES ON ACCOUNT TO ROLE RL\_CUST\_WH;

GRANT USAGE ON CUST WH TO ROLE RL\_CUST\_WH;

Q534

Which table function will automatically detect the file metadata schema for a set of staged semi-structured data files, and then retrieve the column definitions?

VALIDATE

**INFER\_SCHEMA**

SPLIT\_TO\_TABLE

GET\_OBJECT\_REFERENCES

Q535

What impact does dropping a column from a table have on the micro-partitions of that table?

The data associated with the dropped column will be removed from all existing micro-partitions.

New micro-partitions will be created containing only the data for the remaining columns.

**The existing micro-partitions will not be affected.**

The current micro-partitions will not be available for Time Travel and new micro-partitions will be created.

Q536

What command is used to unload data from a Snowflake table to a local file system?

COPY INTO <location>

**GET**

LIST

REMOVE

Q537

How are clusters handled when the Economy scaling policy is set on a multi-cluster virtual warehouse?

A new cluster starts when the system detects that there is one or more queries queued waiting for an available cluster.

A new cluster will start every 60 seconds if there are queued queries that have been waiting for more than 30 seconds for an available cluster.

**A new cluster starts only if the system estimates that the queued queries will require resources that will keep the new cluster busy for at least 6 minutes.**

A cluster will shut down after 3 system checks indicating that the cluster has been under-utilized for a minimum of 6 minutes.

Q538

What parameter setting will MAXIMIZE parallel processing when unloading data from Snowflake?

SINGLE = TRUE

**SINGLE = FALSE**

DETAILED\_OUTPUT = TRUE

DETAILED OUTPUT = FALSE

Q539

Which function is used to retrieve the filename for a file stored on a stage?

**GET\_RELATIVE\_PATH**

GET STAGE\_LOCATION

BUILD\_STAGE\_FILE\_URL

GET\_OBJECT\_REFERENCES

Q540

When a data load operation is stopped while using the COPY INTO <table> command, which view will provide information about why the operation failed?

**COPY\_HISTORY**

PIPE\_USAGE\_HISTORY

QUERY\_HISTORY

DATA\_TRANSFER\_HISTORY

Q541

Which Snowflake feature or service can be used with a standard materialized view?

Time Travel

Fail-safe

**Clustering**

Data sharing

Q542

What Snowpark element represents a data set and provides ways to operate on the data?

List

Table

Array

**DataFrame**

**Q543**

What is a benefit of using Snowflake directory tables?

Directory tables store file-level metadata about the data files in a temporary table.

Directory table owners can configure the tables to have unique privileges.

Any directory table user can configure the tables to have unique privileges.

**Directory tables can be joined with other tables in Snowflake.**

Q544

Which table type is supported by Open Catalog to provide centralized, read and write access to a table?

Hybrid

**Iceberg**

Dynamic

Event

Q545

A user wants to temporarily define access to a staged file without the need for the user to have stage-level privileges. Which type of Snowflake URL should be used?

**Pre-signed**

Scoped

External stage

File

Q546

Which data type is used to store semi-structure data in Snowflake?

GEOMETRY

**VARIANT**

VARCHAR

MAP

Q547

Which interface or service allow users to connect to Snowflake with Python? (Select TWO).

**Snowpark API**

Snowsight

**Streamlit in Snowflake**

Document Al

Snowflake CLI

Q548

When unloading data from Snowflake using the COPY INTO <location> command, what is a key consideration for handling NULL values?

**NULL values are automatically converted to empty strings.**

A string value should be specified to represent NULL values using the NULL\_IF option.

If a NULL value is detected during data loading, the process will stop and report an error.

NULL values are automatically skipped during the unload process.

Q549

When unloading data from Snowflake using the COPY INTO <location> command, what is a key consideration for handling NULL values?

**NULL values are automatically converted to empty strings.**

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NULL values are automatically skipped during the unload process.

Q550

How does an authentication policy affect security in a Snowflake account?

**It controls how a client or user can access Snowflake.**

It restricts inbound access to Snowflake data.

It restricts outbound traffic from Snowflake to external network destinations.

It provides users with the ability to use Single Sign-On (SSO) to access Snowflake.

Q551

By default, which Snowflake role has the ability to manage grants?

SYSADMIN

USERADMIN

**SECURITYADMIN**

ORGADMIN

Q552

When using Snowpipe, what will happen when a user re-uploads a file that was previously ingested?

Snowpipe will raise an error

Snowpipe will re-ingest the file

Snowpipe will overwrite the existing data

**Snowpipe will skip the file based on metadata**

**Q553**

What is the EXPLAIN function used for in Snowflake?

**To compile a SQL statement and provide an execution plan using a virtual warehouse**

To compile a SQL statement and provide an execution plan while consuming cloud service credits

To execute a SQL statement, and provide a history of the query execution and the number of compute credits consumed.

To execute a SQL statement and provide a history of the query execution including the number of cloud services credits consumed.

Q554

Which data types are supported by the search optimization service? (Select TWO).

**INTEGER**

GEOMETRY

FLOAT

VARIANT

**BOOLEAN**

Q555

Which object or feature can be used to monitor access to shared data?

Resource monitor

Access control

QUERY\_HISTORY view

**ACCESS\_HISTORY view**

Q556

Which table type should be used with an insert-only stream?

Temporary

Hybrid

**External**

Transient

Q557

Which functions are used to aggregate values into an array? (Select TWO).

**ARRAY\_AGG**

ARRAY\_SLICE

ARRAY\_APPEND

**O D. ARRAY\_CONSTRUCT**

ARRAY\_TO\_STRING

Q558

Which command is used when loading data with Snowpipe?

INSERT

**COPY**

UPDATE

MERGE

Q559

Which COPY INTO <location> command options impact the number of files generated? (Select TWO).

**SINGLE**

RECORD DELIMITER

**MAX\_FILE\_SIZE**

INCLUDE\_QUERY\_ID

DETAILED\_OUTPUT

Q560

In addition to the SELECT privilege, what other privilege MUST a role have to SELECT from a table in database1.schemal?

A. The USAGE privilege on the table.

The OWNERSHIP privilege on the schema.

The REFERENCES privilege on the table and the schema.

**The USAGE privilege on the database and the schema.**

**Q561**

Which security features are used to control inbound access to Snowflake and internal stages? (Select TWO).

**Network rules**

Feature policies

**Network policies**

Packages Policies

Authentication Policies

Q562

Data is retrieved by a query that contains a JOIN.

What should be used to share this data without revealing the target table structure?

View

**Secure view**

Materialized view

Secure materialized view

Q563

Which step will reduce costs when backing up a table?

**Clone the table.**

Unload the table data to a stage.

Share the table data with an account in another region.

Copy the table using a CREATE TABLE AS SELECT (CTAS) statement.

Q564

A table is created with a column set to a data type of CHARACTER(25).

If the table is viewed in the database section of Snowsight, what data type will be shown for the column?

STRING(25)

TEXT(25)

**VARCHAR(25)**

CHARACTER(25)

Q565

Which COPY INTO <table> parameter is used to avoid loading a partial dataset?

FORCE FALSE

RETURN\_FAILED\_ONLY = FALSE

LOAD UNCERTAIN\_FILES = FALSE

**ON\_ERROR ABORT\_STATEMENT**

Q566

Using which feature or object will temporarily scale virtual warehouses running costly queries?

Resource monitor

Materialized view

**Query acceleration service**

Search optimization service

Q567

Which sampling method will return a fixed number of rows?

**BLOCK**

B. SYSTEM

BERNOULLI

REPEATABLE

Q568

What AUTHENTICATION\_METHODS should be selected for the Single Sign-On (SSO) login option to appear when creating a Snowflake authentication policy?

RASSWORD

KEYPAIR

**SAML**

OAUTH

Q569

Which command will download data files from an internal table stage to a local file system?

COPY INTO @

GET @~

GET @%

**GET @**

**Q570**

What are characteristics of Secure Data Sharing? (Select TWO).

It allows regular views to be shared.

Sensitive data is automatically masked.

**Data is not transferred between accounts.**

**A consumer account will incur compute costs.**

Source data can be edited by users with reader accounts.

Q571

What does the :: operator do when used with a VARIANT value?

It converts a VARIANT value into an object.

It extracts the raw value from the VARIANT column.

**It casts the value from a VARIANT to a specified data type.**

It generates a random sample from the VARIANT column.

Q572

In Snowpipe, what is the default behavior of the ON\_ERROR COPY option?

CONTINUE

**SKIP FILE**

SKIP\_FILE\_<num>

ABORT\_STATEMENT

Q573

Which COPY option is used to delete files from the stage after they are successfully loaded into a table?

FORCE - TRUE

**PURGE = TRUE**

TRUNCATECOLUMNS = TRUE

RETURN\_FAILED\_ONLY = TRUE

Q574

Which privilege enables the ability to resume or suspend a task?

MONITOR

**OPERATE**

CREATE TASK

EXECUTE TASK

Q575

What is run with a CALL statement?

System functions

Tasks

**Stored procedures**

External functions

Q576

Which setting will help control credit consumption for a virtual warehouse that needs to run in Auto-scale mode?

Set the warehouse scaling policy to Economy.

**Set the MIN\_CLUSTER\_COUNT to 1.**

Set the AUTO\_SUSPEND property of the warehouse to 0.

Set the MIN\_CLUSTER\_COUNT to 2 and set the MAX\_CLUSTER\_COUNT to 2.

Q577

Which SQL statement will load data from a CSV file available in a user stage?

O A. COPY INTO customer

FROM @myStage

FILE\_FORMAT (TYPE - CSV);

O B.

COPY INTO customer

FILE\_FORMAT = (TYPE = CSV);

COPY INTO customer

FROM @myStage

**COPY INTO customer**

**FROM @/myStage**

**FILE\_FORMAT = (TYPE = CSV);**

**FILE\_FORMAT = (TYPE = CSV);**

**Q578**

What information is included in the output of an EXPLAIN\_PLAN?

The predicted time it will take to run the operation.

The number of credits that the operation will consume.

The type of data that will be returned when the operation is run.

**The total number of micro-partitions that the operation will reference.**

**Q579**

Which PUT command parameter is used to specify the number of threads to use for loading files?

OVERWRITE

**PARALLEL**

AUTO\_COMPRESS

SOURCE\_COMPRESSION

Q580

What column metadata does the query optimizer use for micro-partition pruning?

The primary key

**The range of values**

The number of null values

The number of distinct values

Q581