

SnowPro Core Exam Topics Dumps (Corrected Answers)

Question #1

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

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

Answer: B

Question #2

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

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

Answer: BD

Question #3

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

- A. True
- B. False

Answer: B

Question #4

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

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

Answer: B

Question #5

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

- A. True
- B. False

Answer: A

Question #6

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

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

Answer: ABC

Question #7

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

is explicitly granted by support.

- A. True
- B. False

Answer: B

Question #8

Account-level storage usage can be monitored via:

- A. The Snowflake Web Interface (UI) in the Databases section
- B. The Snowflake Web Interface (UI) in the Account -> Billing & Usage section
- C. The Information Schema -> ACCOUNT_USAGE_HISTORY View
- D. The Account Usage Schema -> ACCOUNT_USAGE_METRICS View

Answer: B

Question #9

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

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

Answer: BD

Question #10

Which statement best describes `clustering`?

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

Answer: A

Question #11

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

- A. True
- B. False

Answer: B

Question #12

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

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

Answer: C

Question #13

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

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

Answer: ABCE

Question #14

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

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

Answer: B

Question #15

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

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

Answer: AC

Question #16

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

- A. Compute
- B. Tri-Secret Secure
- C. Storage

D. Cloud Services

Answer: ACD

Question #17

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

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

Answer: D

Question #18

True or False: Reader Accounts incur no additional Compute costs to the Data Provider since they are simply reading the shared data without making changes.

- A. True
- B. False

Answer: B

Question #19

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

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

Answer: ABCDE

Question #20

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

- A. True
- B. False

Answer: B

Question #21

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

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

D. Multiple compute clusters can access stored data without contention

Answer: BCD

Question #22

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

- A. True
- B. False

Answer: A

Question #23

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

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

Answer: D

Question #24

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

- A. True
- B. False

Answer: B

Question #25

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

- True
- False

Answer: A

Question #26

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

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

Answer: ABCD

Question #27

The PUT command: (Choose two.)

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

Answer: CD

Question #28

Which type of table corresponds to a single Snowflake session?

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

Answer: A

Question #29

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

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

Answer: D

Question #30

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

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

Answer: A

Question #31

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

- A. Standard
- B. Premier
- C. Enterprise

D. Business Critical Edition

Answer: C

Question #32

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

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

Answer: ABD

Question #33

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

- A. True
- B. False

Answer: B

Question #34

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

- A. True
- B. False

Answer: A

Question #35

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

- A. True
- B. False

Answer: A

Question #36

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

- A. True
- B. False

Answer: B

Question #37

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

- A. VARIANT ≠ null values are not the same as SQL NULL values
- B. It is recommended to do frequent, single row DMLs
- C. It is recommended to validate the data before loading into the Snowflake target table
- D. It is recommended to use staging tables to manage MERGE statements

Answer: ACD

Question #38

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

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

Answer: AC

Question #39

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

- A. True
- B. False

Answer: A

Question #40

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

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

Answer: BD

Question #41

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

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

Answer: C

Question #42

Which statement best describes Snowflake tables?

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

Answer: A

Question #43

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

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

Answer: C

Question #44

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

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

Answer: AB

Question #45

What is the maximum compressed row size in Snowflake?

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

Answer: B

Question #46

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

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

Answer: ACD

Question #47

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

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

Answer: D

Question #48

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

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

Answer: AC

Question #49

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

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

Answer: ABC

Question #50

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

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

Answer: A

Question #51

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

- A. True
- B. False

Answer: B

Question #52

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

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

Answer: AC

Question #53

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

- A. True
- B. False

Answer: B

Question #54

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

- A. 1 Hour
- B. 3 Hours
- C. 12 hours
- D. 24 hours

Answer: D

Question #55

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

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

Answer: D

Question #56

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

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

Answer: AB

Question #57

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

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

Answer: A

Question #58

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

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

Answer: D

Question #59

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

- A. True
- B. False

Answer: B

Question #60

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

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

Answer: C

Question #61

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

- A. Configure the Maximum Clusters setting to 'Auto-Scale'
- B. Set the Warehouse type to 'Auto'
- C. Set the Minimum Clusters and Maximum Clusters settings to the same value
- D. Set the Minimum Clusters and Maximum Clusters settings to the different values

Answer: D

Question #62

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

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

Answer: C

Question #63

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

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

Answer: CD

Question #64

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

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

Answer: B

Question #65

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

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

Answer: AB

Question #66

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

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

Answer: D

Question #67

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

- A. True
- B. False

Answer: A

Question #68

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

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

Answer: BD

Question #69

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

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

Answer: CD

Question #70

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

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

Answer: D

Question #71

When can a Virtual Warehouse start running queries?

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

Answer: C

Question #72

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

- A. True
- B. False

Answer: B

Question #73

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

- A. True
- B. False

Answer: B

Question #74

True or False: Pipes can be suspended and resumed.

- A. True
- B. False

Answer: A

Question #75

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

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

Answer: ABCD

Question #76

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

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

Answer: BC

Question #77

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

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

Answer: ABCD

Question #78

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

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

Answer: D

Question #79

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

- A. True
- B. False

Answer: B

Question #80

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

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

Answer: AC

Question #81

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

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

Answer: BD

Question #82

What privileges are required to create a task?

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

Answer: D

Question #83

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

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

Answer: BDE

Question #84

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

- A. True
- B. False

Answer: A

Question #85

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

- A. Concurrency
- B. Performance

Answer: A

Question #86

What is the minimum Snowflake edition that provides data sharing?

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

Answer: A

Question #87

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

- A. True
- B. False

Answer: A

Question #88

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

- A. True
- B. False

Answer: A

Question #89

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

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

Answer: B

Question #90

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

- A. True
- B. False

Answer: A

Question #91

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

- A. True
- B. False

Answer: B

Question #92

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

- A. True
- B. False

Answer: A

Question #93

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

- A. True
- B. False

Answer: B

Question #94

Which of the following statements is true of Snowflake?

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

Answer: A

Question #95

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

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

Answer: C

Question #96

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

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

Answer: D

Question #97

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

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

Answer: C

Question #98

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

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

Answer: BC

Question #99

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

- A. True
- B. False

Answer: A

Question #100

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

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

Answer: D

Question #101

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

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

Answer: C

Question #102

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

- A. True
- B. False

Answer: B

Question #103

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

- A. Concurrency
- B. Performance

Answer: B

Question #104

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

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

Answer: D

Question #105

How a Snowpipe charges calculated?

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

Answer: B

Question #106

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

- A. True
- B. False

Answer: B

Question #107

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

- A. True
- B. False

Answer: B

Question #108

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

- A. True
- B. False

Answer: A

Question #109

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

- A. True
- B. False

Answer: B

Question #110

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

- A. True
- B. False

Answer: B

Question #111

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

- A. True
- B. False

Answer: B

Question #112

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

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

Answer: AB

Question #113

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

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

Answer: AC

Question #114

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

- A. True
- B. False

Answer: B

Question #115

The fail-safe retention period is how many days?

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

Answer: B

Question #116

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

- A. True
- B. False

Answer: A

Question #117

What services does Snowflake automatically provide for customers that they may have been responsible for with their on-premise system?

(Choose all that apply.)

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

Answer: ABD

Question #118

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

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

Answer: A

Question #119

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

- A. True
- B. False

Answer: A

Question #120

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

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

Answer: C

Question #121

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

- A. Users
- B. Tables
- C. Databases
- D. Internal Stages

Answer: BCD

Question #122

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

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

Answer: A

Question #123

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

- A. True
- B. False

Answer: A

Question #124

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

- A. True
- B. False

Answer: A

Question #125

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

- A. True
- B. False

Answer: B

Question #126

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

- A. True
- B. False

Answer: B

Question #127

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

- A. True
- B. False

Answer: A

Question #128

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

- A. True
- B. False

Answer: B

Question #129

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

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

Answer: B

Question #130

True or False: All Snowflake table types include fail-safe storage.

- A. True
- B. False

Answer: B

Question #131

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

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

Answer: AC

Question #132

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

- A. True
- B. False

Answer: B

Question #133

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

- A. True
- B. False

Answer: A

Question #134

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

- A. True
- B. False

Answer: B

Question #135

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

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

Answer: ACD

Question #136

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

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

Answer: B

Question #137

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

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

Answer: AE

Question #138

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

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

Answer: B

Question #139

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

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

Answer: A

Question #140

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

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

Answer: BD

Question #141

Which of the following describes the Snowflake Cloud Services layer?

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

Answer: A

Question #142

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

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

Answer: D

Question #143

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

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

Answer: D

Question #144

What type of query benefits the MOST from search optimization?

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

Answer: C

Question #145

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

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

Answer: CD

Question #146

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

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

Answer: C,E

Question #147

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

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

Answer: D

Question #148

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

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

Answer: C

Question #149

Which of the following is a data tokenization integration partner?

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

Answer: A

Question #150

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

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

Answer: BC

Question #151

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

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

Answer: BCF

Question #152

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

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

Answer: BC

Question #153

What is a key feature of Snowflake architecture?

- A. Zero-copy cloning creates a mirror copy of a database that updates with the original.
- B. Software updates are automatically applied on a quarterly basis.
- C. Snowflake eliminates resource contention with its virtual warehouse implementation.
- D. Multi-cluster warehouses allow users to run a query that spans across multiple clusters.
- E. Snowflake automatically sorts DATE columns during ingest, for fast retrieval by date.

Answer: C

Question #154

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

- A. There is no need to have a Snowflake account in the target region, a share will be created for each user.
- B. The listing is replicated into all selected regions automatically, the data is not.
- C. The user must have the ORGADMIN role available in at least one account to link accounts for replication.
- D. Shares attached to listings in remote regions can be viewed from any account in an organization.
- E. For a standard listing the user can wait until the first customer requests the data before replicating it to the target region.

Answer: BE

Question #155

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

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

Answer: B

Question #156

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

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

Answer: A

Question #157

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

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

Answer: BCD

Question #158

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

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

Answer: C

Question #159

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

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

Answer: A

Question #160

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

- A. Possibly, if the warehouse is resized to a smaller size and the cache no longer fits.
- B. Yes, because the compute resource is replaced in its entirety with a new compute resource.
- C. No, because the size of the cache is independent from the warehouse size.
- D. Yes, because the new compute resource will no longer have access to the cache encryption key.

Answer: A

Question #161

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

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

Answer: DE

Question #162

A running virtual warehouse is suspended.

What is the MINIMUM amount of time that the warehouse will incur charges for when it is restarted?

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

Answer: B

Question #163

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

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

Answer: ABD

Question #164

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

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

Answer: A

Question #165

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

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

Answer: B

Question #166

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

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

Answer: C

Question #167

A virtual warehouse is created using the following command:

Create warehouse my_WH with -

warehouse_size = MEDIUM

min_cluster_count = 1

max_cluster_count = 1

auto_suspend = 60

auto_resume = true;

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

What action should be taken to address this situation?

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

Answer: C

Question #168

Which minimum Snowflake edition allows for a dedicated metadata store?

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

Answer: D

Question #169

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

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

Answer: CE

Question #170

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

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

Answer: D

Question #171

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

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

Answer: BD

Question #172

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

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

Answer: BE

Question #173

A table needs to be loaded. The input data is in JSON format and is a concatenation of multiple JSON documents. The file size is 3 GB. A

warehouse size S is being used. The following COPY INTO command was executed:

```
COPY INTO SAMPLE FROM @~/SAMPLE.JSON (TYPE=JSON)
```

The load failed with this error:

Max LOB size (16777216) exceeded, actual size of parsed column is 17894470.

How can this issue be resolved?

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

Answer: D

Question #174

What is a feature of a stored procedure in Snowflake?

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

Answer: D

Question #175

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

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

Answer: BD

Question #176

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

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

Answer: B

Question #177

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

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

Answer: A

Question #178

How are serverless features billed?

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

Answer: A

Question #179

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

- A. Compute
- B. Data storage
- C. Cloud services
- D. Cloud provider

Answer: C

Question #180

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

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

Answer: D

Question #181

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

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

Answer: AC

Question #182

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

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

Answer: CD

Question #183

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

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

Answer: ADE

Question #184

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

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

Answer: B

Question #185

Assume there is a table consisting of five micro-partitions with values ranging from A to Z. Which diagram indicates a well-clustered table?

A.



B.



C.



D.



Answer: A

Question #186

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

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

Answer: B

Question #187

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

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

Answer: B

Question #188

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

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

Answer: AD

Question #189

Why does Snowflake recommend file sizes of 100-250 MB compressed when loading data?

- A. Optimizes the virtual warehouse size and multi-cluster setting to economy mode
- B. Allows a user to import the files in a sequential order
- C. Increases the latency staging and accuracy when loading the data
- D. Allows optimization of parallel operations

Answer: D

Question #190

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

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

Answer: DE

Question #191

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

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

Answer: C

Question #192

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

(Choose two.)

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

Answer: CD

Question #193

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

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

Answer: D

Question #194

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

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

Answer: ABC (If asked only for two, choose SnowSQL and JDBC)

Question #195

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

visible to functional managers.

How can this requirement be met?

- A. Use data encryption.
- B. Use dynamic data masking.
- C. Use secure materialized views.
- D. Revoke all roles for functional managers and end users.

Answer: B

Question #196

Users are responsible for data storage costs until what occurs?

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

Answer: B

Question #197

A user has an application that writes a new file to a cloud storage location every 5 minutes.

What would be the MOST efficient way to get the files into Snowflake?

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

Answer: D

Question #198

What affects whether the query results cache can be used?

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

Answer: C

Question #199

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

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

Answer: C

Question #200

How many days is load history for Snowpipe retained?

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

Answer: C

Question #201

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

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

Answer: BD

Question #202

Which COPY INTO command outputs the data into one file?

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

Answer: A

Question #203

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

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

Answer: AE

Question #204

A user created a new worksheet within the Snowsight UI and wants to share this with teammates. How can this worksheet be shared?

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

Answer: C

Question #205

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

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

Answer: BE

Question #206

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

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

Answer: C

Question #207

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

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

Answer: DE

Question #208

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

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

Answer: B

Question #209

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

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

Answer: D

Question #210

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

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

Answer: CD

Question #211

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

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

Answer: ADE

Question #212

What is a limitation of a Materialized View?

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

Answer: D

Question #213

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

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

Answer: D

Question #214

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

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

Answer: B

Question #215

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

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

Answer: CE

Question #216

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

Which Snowflake feature will support this?

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

Answer: B

Question #217

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

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

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

Answer: B

Question #218

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

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

Answer: AE

Question #219

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

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

Answer: CE

Question #220

The following JSON is stored in a VARIANT column called src of the CAR_SALES table:

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

How can this be accomplished?

- A. select src:dealership from car_sales;
- B. select src.dealership from car_sales;
- C. select src:Dealership from car_sales;
- D. select dealership from car_sales;

Answer: A

Question #221

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

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

Answer: D

Question #222

Which of the following accurately describes shares?

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

Answer: A

Question #223

What are best practice recommendations for using the ACCOUNTADMIN system-defined role in Snowflake? (Choose two.)

- A. Ensure all ACCOUNTADMIN roles use Multi-factor Authentication (MFA).
- B. All users granted ACCOUNTADMIN role must be owned by the ACCOUNTADMIN role.
- C. The ACCOUNTADMIN role must be granted to only one user.
- D. Assign the ACCOUNTADMIN role to at least two users, but as few as possible.
- E. All users granted ACCOUNTADMIN role must also be granted SECURITYADMIN role.

Answer: AD

Question #224

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

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

Answer: AC

Question #225

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

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

Answer: B

Question #226

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

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

Answer: D

Question #227

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

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

Answer: D

Question #228

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

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

Answer: AD

Question #229

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

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

Answer: CD

Question #230

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

- A. SINGLE=TRUE
- B. MULTIPLE=TRUE
- C. MULTIPLE=FALSE
- D. SINGLE=FALSE

Answer: D

Question #231

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

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

Answer: D

Question #232

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

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

Answer: A

Question #233

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

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

Answer: AD

Question #234

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

- A. SHOW GRANTS OF ROLE MY_ROLE
- B. SHOW GRANTS TO ROLE MY_ROLE
- C. SHOW GRANTS FOR ROLE MY_ROLE
- D. SHOW GRANTS ON ROLE MY_ROLE

Answer: B

Question #235

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

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

Answer: B

Question #236

A user created a transient table and made several changes to it over the course of several days. Three days after the table

was created, the user would like to go back to the first version of the table.

How can this be accomplished?

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

Answer: B

Question #237

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

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

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

Answer: AD

Question #238

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

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

Answer: BC

Question #239

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

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

Answer: B

Question #240

What is the purpose of an External Function?

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

Answer: A

Question #241

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

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

Answer: AC

Question #242

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

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

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

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

Answer: C

Question #243

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

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

Answer: DE

Question #244

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

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

Answer: AC

Question #245

Which statement is true about running tasks in Snowflake?

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

Answer: B

Question #246

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

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

Answer: AD

Question #247

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

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

Answer: B

Question #248

What is the following SQL command used for?

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

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

Answer: D

Question #249

A sales table FCT_SALES has 100 million records.

The following query was executed:

```
SELECT COUNT (1) FROM FCT_SALES;
```

How did Snowflake fulfill this query?

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

Answer: D

Question #250

What happens when a virtual warehouse is resized?

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

Answer: B

Question #251

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

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

Answer: CD

Question #252

Which Snowflake layer can be configured?

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

Answer: C

Question #253

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

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

Answer: D

Question #254

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

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

Answer: B

Question #255

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

How can the key be removed?

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

Answer: C

Question #256

What is a core benefit of clustering?

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

Answer: B

Question #257

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

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

Answer: D

Question #258

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

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

Answer: D

Question #259

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

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

Answer: AC

Question #260

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

- A. Users
- B. Databases
- C. Internal stages
- D. Resource monitors
- E. Pipes

Answer: BC

Question #261

What is a responsibility of Snowflake's virtual warehouses?

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

Answer: C

Question #262

Which data type is supported by Snowflake data classification?

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

Answer: B

Question #263

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

- A. BROTLI
- B. GZIP
- C. LZO
- D. ZSTD

Answer: C

Question #264

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

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

Answer: C

Question #265

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

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

Answer: B

Question #266

What is the default Time Travel retention period?

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

Answer: A

Question #267

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

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

Answer: CD

Question #268

Which schema has the RESOURCE_MONITORS view?

- A. ACCOUNT_USAGE
- B. READER_ACCOUNT_USAGE
- C. INFORMATION_SCHEMA
- D. WAREHOUSE_USAGE_SCHEMA

Answer: B

Question #269

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

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

Answer: D

Question #270

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

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



Answer: D

Question #271

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

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

Answer: AD

Question #272

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

- A. Security Assertion Markup Language (SAML)
- B. Role-Based Access Control (RBAC)
- C. Identity Access Management (AM)
- D. Create, Read, Update, and Delete (CRUD)
- E. Discretionary Access Control (DAC)
- F. Mandatory Access Control (MAC)

Answer: BE

Question #273

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

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

Answer: B

Question #274

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

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

Answer: BD

Question #275

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

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

Answer: D

Question #276

When is the result set cache no longer available? (Choose two.)

- A. When another warehouse is used to execute the query
- B. When another user executes the query
- C. When the underlying data has changed
- D. When the warehouse used to execute the query is suspended
- E. When it has been 24 hours since the last query

Answer: CE

Question #277

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

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

Answer: A

Question #278

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

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

Answer: D, E, F

Question #279

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

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

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

Answer: D

Question #280

What is a best practice after creating a custom role?

- A. Create the custom role using the SYSADMIN role.
- B. Assign the custom role to the SYSADMIN role.
- C. Assign the custom role to the PUBLIC role.
- D. Add _CUSTOM to all custom role names.

Answer: B

Question #281

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

- A. Standard
- B. Premium
- C. Enterprise

D. Business Critical

Answer: D

Question #282

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

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

Answer: D

Question #283

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

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

Answer: BD

Question #284

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

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

Answer: A

Question #285

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

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

Answer: DE

Question #286

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

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

Answer: B

Question #287

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

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

Answer: B

Question #288

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

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

Answer: CE

Question #289

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

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

Answer: B

Question #290

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

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

Answer: AD

Question #291

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

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

Answer: BE

Question #292

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

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

Answer: C

Question #293

What actions will prevent leveraging of the ResultSet cache?

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

Answer: A

Question #294

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

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

Answer: BC

Question #295

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

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

Answer: D

Question #296

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

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

Answer: D

Question #297

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

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

Answer: AC

Question #298

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

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

Answer: BC

Question #299

A user executes the following SQL query:

```
create table SALES_BKP like SALES;
```

What are the cost implications for processing this query?

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

Answer: C

Question #300

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

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

Answer: A

Question #301

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

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

Answer: AD

Question #302

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

```
COPY INTO my_table FROM @my_stage;
```

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

If the user runs the same COPY INTO command what will happen?

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

Answer: D

Question #303

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

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

Answer: D

Question #304

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

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

Answer: C

Question #305

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

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

Answer: A

Question #306

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

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

Answer: C

Question #307

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

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

Answer: C

Question #308

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

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

Answer: CD

Question #309

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

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

Answer: C

Question #310

Which statement describes pruning?

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

Answer: A

Question #311

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

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

Answer: C

Question #312

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

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

Answer: A

Question #313

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

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

Answer: A

Question #314

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

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

Answer: DE

Question #315

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

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

Answer: D

Question #316

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

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

Answer: AE

Question #317

Which statement about billing applies to Snowflake credits?

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

Answer: D

Question #318

A user needs to create a materialized view in the schema MYDB.MYSCHEMA.

Which statements will provide this access?

- A. GRANT ROLE MYROLE TO USER USER1;
CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO ROLE MYROLE;
- B. GRANT ROLE MYROLE TO USER USER1;
CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO USER USER1;
- C. GRANT ROLE MYROLE TO USER USER1;
CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO USER1;
- D. GRANT ROLE MYROLE TO USER USER1;
CREATE MATERIALIZED VIEW ON SCHEMA MYDB.MYSCHEMA TO MYROLE;

Answer: A

Question #319

What is the purpose of multi-cluster virtual warehouses?

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

Answer: C

Question #320

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

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

Answer: C

Question #321

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

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

Answer: BC

Question #322

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

- A. If an account is enrolled with a Data Exchange, it will lose its access to the Snowflake Marketplace.
- B. A Data Exchange allows groups of accounts to share data privately among the accounts.
- C. A Data Exchange allows accounts to share data with third, non-Snowflake parties.
- D. Data Exchange functionality is available by default in accounts using the Enterprise edition or higher.
- E. The sharing of data in a Data Exchange is bidirectional. An account can be a provider for some datasets and a consumer for others.

Answer: BE

Question #323

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

What will occur?

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

Answer: A

Question #324

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

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

Answer: C

Question #325

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

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

Answer: D

Question #326

In which use case does Snowflake apply egress charges?

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

Answer: C

Question #327

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

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

Answer: CD

Question #328

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

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

Answer: BE

Question #329

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

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

Answer: AC (Confused but choose C)

Question #330

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

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

Answer: A

Question #331

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

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

Answer: D

Question #332

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

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

Answer: A

Question #333

Which stage type can be altered and dropped?

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

Answer: B

Question #334

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

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

Answer: A

Question #335

A user is loading JSON documents composed of a huge array containing multiple records into Snowflake. The user enables the

STRIP_OUTER_ARRAY file format option.

What does the STRIP_OUTER_ARRAY file format do?

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

Answer: B

Question #336

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

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

Answer: A

Question #337

If a Snowflake user decides a table should be clustered, what should be used as the cluster key?

- A. The columns that are queried in the select clause.
- B. The columns with very high cardinality.
- C. The columns with many different values.
- D. The columns most actively used in the select filters.

Answer: D

Question #338

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

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

Answer: BD

Question #339

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

How does Snowflake recommend maximizing the load performance?

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

Answer: C

Question #340

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

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

Answer: B

Question #341

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

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

Answer: C

Question #342

User INQUISITIVE_PERSON has been granted the role DATA_SCIENCE. The role DATA_SCIENCE has privileges OWNERSHIP on the schema MARKETING of the database ANALYTICS_DW.

Which command will show all privileges granted to that schema?

- A. SHOW GRANTS ON ROLE DATA_SCIENCE
- B. SHOW GRANTS ON SCHEMA ANALYTICS_DW.MARKETING
- C. SHOW GRANTS TO USER INQUISITIVE_PERSON
- D. SHOW GRANTS OF ROLE DATA_SCIENCE

Answer: B

Question #343

Which of the following are characteristics of security in Snowflake?

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

Answer: C

Question #344

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

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

Answer: D

Question #345

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

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

Answer: BD

Question #346

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

Which practice will provide the MOST efficient loading performance?

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

Answer: A

Question #347

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

- A. The warehouse size does not change until all queries currently running in the warehouse have completed.
- B. The warehouse size does not change until all queries currently in the warehouse queue have completed.
- C. The warehouse size does not change until the warehouse is suspended and restarted.
- D. It does not return from the command until the warehouse has finished changing its size.

Answer: D

Question #348

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

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

Answer: CD

Question #349

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

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

Answer: BC

Question #350

A data provider wants to share data with a consumer who does not have a Snowflake account. The provider creates a reader account

for the consumer following these steps:

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

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

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

Answer: B

Question #351

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

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

Answer: DE

Question #352

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

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

Answer: C

Question #353

What is cached during a query on a virtual warehouse?

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

Answer: B

Question #354

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

- A. UTF-8
- B. UTF-16
- C. ISO 8859-1
- D. ANSI_X3.4

Answer: A

Question #355

Which of the following describes external functions in Snowflake?

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

Answer: A

Question #356

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

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

Answer: BDE

Question #357

A user has a standard multi-cluster warehouse auto-scaling policy in place.

Which condition will trigger a cluster to shut-down?

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

Answer: D

Question #358

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

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

Answer: C

Question #359

How would a user execute a series of SQL statements using a task?

- A. Include the SQL statements in the body of the task `CREATE TASK mytask .. AS INSERT INTO target1 SELECT .. FROM stream_s1 WHERE .. INSERT INTO target2 SELECT .. FROM stream_s1 WHERE ..`
- B. A stored procedure can have only one DML statement per stored procedure invocation and therefore the user should sequence stored procedure calls in the task definition `CREATE TASK mytask AS call stored_proc1(); call stored_proc2();`
- C. Use a stored procedure executing multiple SQL statements and invoke the stored procedure from the task. `CREATE TASK mytask AS call stored_proc_multiple_statements_inside();`
- D. Create a task for each SQL statement (e.g. resulting in task1, task2, etc.) and string the series of SQL statements by having a control task calling task1, task2, etc. sequentially.

Answer: C

Question #360

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

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

Answer: A

Question #361

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

- A. SHOW STORAGE BY TABLE;
- B. SHOW TABLES;
- C. Information Schema -> TABLE_HISTORY
- D. Information Schema -> TABLE_FUNCTION
- E. Information Schema -> TABLE_STORAGE_METRICS

Answer: BE

Question #362

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

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

Answer: C

Question #363

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

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

Answer: BCE

Question #364

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

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

Answer: BDF

Question #365

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

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

Answer: D

Question #366

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

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

Answer: BD

Question #367

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

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

Answer: A

Question #368

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

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

Answer: BF

Question #369

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

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

Answer: BD

Question #370

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

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

Answer: A

Question #371

Which statement describes how Snowflake supports reader accounts?

- A. A reader account can consume data from the provider account that created it and combine it with its own data.
- B. A consumer needs to become a licensed Snowflake customer as data sharing is only supported between Snowflake accounts.
- C. The users in a reader account can query data that has been shared with the reader account and can perform DML tasks.
- D. The SHOW MANAGED ACCOUNTS command will view all the reader accounts that have been created for an account.

Answer: D

Question #372

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

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

Answer: D

Question #373

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

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

Answer: CEF

Question #374

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

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

Answer: B

Question #375

Which Snowflake partner specializes in data catalog solutions?

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

Answer: A

Question #376

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

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

Answer: C

Question #377

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

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

Answer: AE

Question #378

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

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

Answer: BDE

Question #379

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

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

Answer: CD

Question #380

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

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

Answer: CD

Question #381

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

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

Answer: DE

Question #382

What is a responsibility of Snowflake's virtual warehouses?

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

Answer: C

Question #383

What features does Snowflake Time Travel enable?

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

Answer: B

Question #384

Which of the following statements describes a schema in Snowflake?

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

Answer: A

Question #385

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

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

Answer: D

Question #386

How long is Snowpipe data load history retained?

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

Answer: D

Question #387

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

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

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

Answer: B

Question #388

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

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

Answer: A

Question #389

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

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

Answer: A

Question #390

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

Which of the following statements will accommodate this request?

- A. ALLOW RESIZE ON WAREHOUSE MKTG_WH TO USER MKTG_LEAD;
- B. GRANT MODIFY ON WAREHOUSE MKTG_WH TO ROLE MARKETING;
- C. GRANT MODIFY ON WAREHOUSE MKTG_WH TO USER MKTG_LEAD;
- D. GRANT OPERATE ON WAREHOUSE MKTG_WH TO ROLE MARKET;

Answer: B

Question #391

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

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

Answer: A

Question #392

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

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

Answer: C

Question #393

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

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

Answer: CE

Question #394

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

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

Answer: C

Question #395

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

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

Answer: A

Question #396

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

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

Answer: CE

Question #397

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

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

Answer: A

Question #398

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

- A. USAGE
- B. OPERATE
- C. MONITOR
- D. MODIFY

Answer: B

Question #399

Which statement MOST accurately describes clustering in Snowflake?

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

Answer: B

Question #400

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

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

Answer: BC

Question #401

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

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

Answer: DE

Question #402

Where is Snowflake metadata stored?

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

Answer: C

Question #403

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

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

Answer: AC

Question #404

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

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

Answer: CE

Question #405

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

Will the developer be able to modify the table to read the masked data?

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

Answer: D

Question #406

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

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

Answer: C

Question #407

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

- A. STATEMENT_TIMEOUT_IN_SECONDS
- B. STATEMENT_QUEUED_TIMEOUT_IN_SECONDS
- C. MAX_CONCURRENCY_LEVEL
- D. QUERY_TIMEOUT_IN_SECONDS

Answer: B

Question #408

Files have been uploaded to a Snowflake internal stage. The files now need to be deleted. Which SQL command should be used to delete the files?

- A. PURGE
- B. MODIFY
- C. REMOVE
- D. DELETE

Answer: C

Question #409

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

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

Answer: C

Question #410

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

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

Answer: D

Question #411

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

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

Answer: B

Question #412

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

Which of the following statements will return the required information?

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

Answer: D

Question #413

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

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

Answer: DE

Question #414

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

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

Answer: C

Question #415

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

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

Answer: BE

Question #416

Which Snowflake tool would be BEST to troubleshoot network connectivity?

- A. SnowCLI
- B. SnowUI
- C. SnowSQL
- D. SnowCD

Answer: D

Question #417

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

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

Answer: D

Question #418

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

- A. Through the Snowflake web interface (UI)
- B. Through the DATA_SHARE=TRUE parameter
- C. Through SQL commands
- D. Through the ENABLE_SHARE=TRUE parameter
- E. Using the CREATE SHARE AS SELECT * FROM TABLE command

Answer: AC

Question #419

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

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

Answer: C

Question #420

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

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

Answer: A

Question #421

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

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

Answer: CD

Question #422

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

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

Answer: AC

Question #423

Which of the following commands are valid options for the VALIDATION_MODE parameter within the Snowflake COPY INTO command?

(Choose two.)

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

Answer: CD

Question #424

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

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

Answer: A

Question #425

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

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

Answer: BC

Question #426

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

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

Answer: BC

Question #427

A user has unloaded data from Snowflake to a stage.

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

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

Answer: A

Question #428

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

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

Answer: AE

Question #429

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

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

Answer: BE

Question #430

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

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

Answer: BC

Question #431

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

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

Answer: B, C

Question #432

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

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

Answer: D

Question #433

Which statement describes when a virtual warehouse can be resized?

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

Answer: D

Question #434

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

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

Answer: B

Question #435

User A cloned a schema and overwrote a schema that User B was working on. User B no longer has access to their version of the

tables. However, this all occurred within the Time Travel retention period defined at the database level.

How should the missing tables be restored?

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

Answer: C

Question #436

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

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

Answer: D

Question #437

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

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

Answer: D

Question #438

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

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

Answer: B

Question #439

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

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

- A. GET
- B. LIST
- C. PUT
- D. REMOVE

Answer: A

Question #440

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

What is causing this to happen?

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

Answer: D

Question #441

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

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

Answer: C

Question #442

Which chart type does Snowsight support to visualize worksheet data?

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

Answer: D

Question #443

Which result shows efficient pruning?

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

Answer: B

Question #444

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

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

Answer: B

Question #445

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

- A. Parquet
- B. CSV
- C. ORC
- D. Avro

Answer: B

Question #446

What is to be expected when sharing worksheets in Snowsight?

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

Answer: B

Question #447

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

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

Answer: B

Question #448

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

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

Answer: A

Question #449

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

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

Answer: D

Question #450

Which function is used to profile warehouse credit usage?

- A. AUTOMATIC_CLUSTERING_HISTORY
- B. MATERIALIZED_VIEW_REFRESH_HISTORY
- C. WAREHOUSE_LOAD_HISTORY
- D. WAREHOUSE_METERING_HISTORY

Answer: D

Question #451

What is a characteristic of the Snowflake query profiler?

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

Answer: B

Question #452

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

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

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

Answer: AD

Question #453

Which statement about data sharing is true?

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

Answer: C

Question #454

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

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

Answer: A

Question #455

Which object type is granted permissions for reading a table?

- A. User
- B. Role
- C. Attribute
- D. Schema

Answer: B

Question #456

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

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

Answer: C

Question #457

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

What is the recommended way to resolve this issue?

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

Answer: D

Question #458

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

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

Answer: BE

Question #459

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

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

Answer: A

Question #460

How often are encryption keys automatically rotated by Snowflake?

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

Answer: A

Question #461

As a best practice, all custom roles should be granted to which system-defined role?

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

Answer: D

Question #462

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

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

Answer: A

Question #463

How are micro-partitions typically generated in Snowflake?

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

Answer: A

Question #464

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

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

Answer: BD

Question #465

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

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

Answer: BC

Question #466

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

- A. Always start with an X-Small and increase the size if the query does not complete in 2 minutes
- B. Experiment by running the same queries against warehouses of different sizes
- C. Use the default size Snowflake chooses
- D. Use X-Large or above for tables larger than 1 GB

Answer: B

Question #467

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

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

Answer: C

Question #468

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

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

Answer: B

Question #469

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

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

Answer: DE

Question #470

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

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

Answer: CE

Question #471

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

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

Answer: C

Question #472

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

How does Snowflake recommend resolving this issue?

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

Answer: C

Question #473

What is a feature of a stored procedure in Snowflake?

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

Answer: D

Question #474

Which view will return users who have queried a table?

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

Answer: B

Question #475

Why do Snowflake's virtual warehouses have scaling policies?

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

Answer: C

Question #476

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

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

Answer: B

Question #477

What is SnowSQL?

- A. Snowflake's new user interface where users can visualize data into charts and dashboards.
- B. Snowflake's proprietary extension of the ANSI SQL standard, including built-in keywords and system functions.
- C. Snowflake's command line client built on the Python connector which is used to connect to Snowflake and execute SQL.
- D. Snowflake's library that provides a programming interface for processing data on Snowflake without moving it to the system where the application code runs.

Answer: C

Question #478

The following SQL statements have been executed:

What will the output be of the last select statement?

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

Answer: C

Question #479

Which statement is true of zero-copy cloning?

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

Answer: D

Question #480

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

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

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

Answer: CE

Question #481

Which parameter prevents streams on tables from becoming stale?

- A. MAX_DATA_EXTENSION_TIME_IN_DAYS
- B. MIN_DATA_RETENTION_TIME_IN_DAYS
- C. LOCK_TIMEOUT
- D. STALE_AFTER

Answer: A

Question #482

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

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

Answer: B

Question #483

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

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

Answer: C

Question #484

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

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

Answer: BE

Question #485

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

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

Answer: D

Question #486

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

- A. ALTER TAG
- B. DESCRIBE TAG
- C. DROP TAG
- D. GRANT ... TO TAG
- E. GRANT TAG

Answer: AC

Question #487

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

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

Answer: BE

Question #488

A Query Profile shows a UnionAll operator with an extra Aggregate operator on top.

What does this signify?

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

Answer: C

Question #489

Which data governance control has Snowflake embedded in the application?

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

Answer: D

Question #490

What actions does the use of the PUT command do automatically? (Choose two.)

- A. It creates a file format object.
- B. It uses the last stage created.
- C. It compresses all files using GZIP.
- D. It encrypts the file data in transit.
- E. It creates an empty target table.

Answer: CD

Question #491

Which command should a Snowflake user execute to load data into a table?

- A. copy into mytable purge_mode = TRUE;
- B. copy into mytable from @my_int_stage;
- C. copy into mytable file_format = (format_name);
- D. copy into mytable validation = 'RETURN_ERRORS';

Answer: B

Question #492

Which function returns the URL of a stage using the stage name as the input?

- A. BUILD_STAGE_FILE_URL
- B. BUILD_SCOPED_FILE_URL
- C. GET_PREIGNED_URL
- D. GET_STAGE_LOCATION

Answer: D

Question #493

What is the MAXIMUM number of clusters that can be provisioned with a multi-cluster virtual warehouse?

- A. 1
- B. 5
- C. 10
- D. 100

Answer: C

Question #494

Which Snowflake table supports unstructured data?

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

Answer: A

Question #495

When unloading data, which file format preserves the data values for floating-point number columns?

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

Answer: D

Question #496

Which virtual warehouse privilege is required to view a load-monitoring chart?

- A. MONITOR
- B. MODIFY
- C. OPERATE
- D. USAGE

Answer: A

Question #497

Which use case will always cause an exploding join in Snowflake?

- A. A query that has more than 10 left outer joins.
- B. A query that is using a UNION without an ALL.
- C. A query that has not specified join criteria for tables.
- D. A query that has requested too many columns of data.

Answer: C

Question #498

How many resource monitors can be applied to a single virtual warehouse?

- A. Zero
- B. One
- C. Eight
- D. Unlimited

Answer: B

Question #499

What are the main differences between the account usage views and the information schema views? (Choose two.)

- A. No active warehouse is needed to query account usage views but one is needed to query information schema views.
- B. Account usage views do not contain data about tables but information schema views do.
- C. Account usage views contain dropped objects but information schema views do not.
- D. Data retention for account usage views is 1 year but is 7 days to 6 months for information schema views, depending on the view.
- E. Information schema views are read-only but account usage views are not.

Answer: CD

Question #500

Which file function provides a URL with access to a file on a stage without the need for authentication and authorization?

- A. GET_RELATIVE_PATH
- B. GET_PREIGNED_URL
- C. BUILD_STAGE_FILE_URL
- D. BUILD_SCOPED_FILE_URL

Answer: B

Question #501

Which view can be used to determine if a table has frequent row updates or deletes?

- A. TABLES
- B. TABLE_STORAGE_METRICS
- C. STORAGE_DAILY_HISTORY
- D. STORAGE_USAGE

Answer: B

Question #502

How does the Snowflake search optimization service improve query performance?

- A. It improves the performance of range searches.
- B. It defines different clustering keys on the same source table.
- C. It improves the performance of all queries running against a given table.
- D. It improves the performance of equality searches.

Answer: D

Question #503

How is unstructured data retrieved from data storage?

- A. SQL functions like the GET command can be used to copy the unstructured data to a location on the client.
- B. SQL functions can be used to create different types of URLs pointing to the unstructured data. These URLs can be used to download the data to a client.
- C. SQL functions can be used to retrieve the data from the query results cache. When the query results are output to a client, the unstructured data will be output to the client as files.
- D. SQL functions can call on different web extensions designed to display different types of files as a web page. The web extensions will allow the files to be downloaded to the client.

Answer: B

Question #504

What is the recommended way to obtain a cloned table with the same grants as the source table?

- A. Clone the table with the COPY GRANTS command.
- B. Use an ALTER TABLE command to copy the grants.
- C. Clone the schema then drop the unwanted tables.
- D. Create a script to extract grants and apply them to the cloned table.

Answer: A

Question #505

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

- A. Data classification
- B. Exploding joins
- C. Unions
- D. Inefficient pruning
- E. Data masking

Answer: BD

Question #506

What is used to extract the content of PDF files stored in Snowflake stages?

- A. FLATTEN function
- B. Window function
- C. HyperLogLog (HLL) function
- D. Java User-Defined Function (UDF)

Answer: D

Question #507

What is used to extract the content of PDF files stored in Snowflake stages?

- A. FLATTEN function
- B. Window function
- C. HyperLogLog (HLL) function
- D. Java User-Defined Function (UDF)

Answer: D

Question #508

What happens when a database is cloned?

- A. It does not retain any privileges granted on the source object.
- B. It replicates all granted privileges on the corresponding source objects.
- C. It replicates all granted privileges on the corresponding child objects.
- D. It replicates all granted privileges on the corresponding child schema objects.

Answer: C

Question #509

What does a Query Profile provide in Snowflake?

- A. A multi-step query that displays each processing step in the same panel.
- B. A pre-computed data set derived from a query specification and stored for later use.
- C. A graphical representation of the main components of the processing plan for a query.
- D. A collapsible panel in the operator tree pane that lists nodes by execution time in descending order for a query.

Answer: C

Question #510

When executing a COPY INTO command, performance can be negatively affected by using which optional parameter on a large number of files?

- A. FILE_FORMAT
- B. PATTERN
- C. VALIDATION_MODE
- D. FILES

Answer: B

Question #511

Which URL type should be used to get a permanent URL to a file in a stage?

- A. File URL
- B. Pre-signed URL
- C. Saved URL
- D. Scoped URL

Answer: A

Question #512

Which operation will produce an error in Snowflake?

- A. Inserting duplicate values into a PRIMARY KEY column
- B. Inserting a NULL into a column with a NOT NULL constraint
- C. Inserting duplicate values into a column with a UNIQUE constraint
- D. Inserting a value to FOREIGN KEY column that does not match a value in the column referenced

Answer: B

Question #513

How are URLs that access unstructured data in external stages retrieved?

- A. From the Snowsight navigation menu
- B. By querying a directory table
- C. By creating an external function
- D. By using the INFORMATION_USAGE schema

Answer: B

Question #514

What is the Snowflake multi-clustering feature for virtual warehouses used for?

- A. To improve the data unloading process to the cloud
- B. To improve data loading from very large data sets
- C. To improve concurrency for users and queries
- D. To speed up slow or stalled queries

Answer: C

Question #515

Which features could be used to improve the performance of queries that return a small subset of rows from a large table? (Choose two.)

- A. Search optimization service
- B. Automatic clustering
- C. Row access policies
- D. Multi-cluster virtual warehouses
- E. Secure views

Answer: AB

Question #516

Which command would return an empty sample?

- A. select * from testtable sample ();
- B. select * from testtable sample (0);
- C. select * from testtable sample (null);
- D. select * from testtable sample (none);

Answer: B

Question #517

What Snowflake function should be used to unload relational data to JSON?

- A. BUILD_STAGE_FILE_URL()
- B. OBJECT_CONSTRUCT()
- C. PARSE_JSON()
- D. TO_VARIANT()

Answer: B

Question #518

Floating point values are truncated when unloaded to which file format?

- A. ORC
- B. CSV
- C. Avro
- D. Parquet

Answer: B

Question #519

Which levels can apply network policies? (Choose two.)

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

Answer: AE

Question #520

What causes objects in a data share to become unavailable to a consumer account?

- A. The DATA_RETENTION_IT parameter in the consumer account is set to 0.
- B. The consumer account runs the GRANT IMPORTED PRIVILEGES command on the data share every 24 hours.
- C. The objects in the data share are being deleted and the grant pattern is not re-applied systematically.
- D. The consumer account acquires the data share through a private data exchange.

Answer: C

Question #521

How can an administrator check for updates (for example, SCIM API requests) sent to Snowflake by the identity provider?

- A. ACCESS_HYSTORY
- B. LOAD_HYSTORY
- C. QUERY_HISTORY
- D. REST_EVENT_HISTORY

Answer: D

Question #522

A Snowflake user is writing a User-Defined Function (UDF) with some unqualified object names. How will those object names be resolved during execution?

- A. Snowflake will resolve them according to the SEARCH_PATH parameter.
- B. Snowflake will only check the schema the UDF belongs to.
- C. Snowflake will first check the current schema, and then the schema the previous query used.
- D. Snowflake will first check the current schema, and then the PUBLIC schema of the current database.

Answer: A

Question #523

Why should a user select the economy scaling policy for a multi-cluster warehouse?

- A. To prevent/minimize query queuing
- B. To increase performance of the clusters
- C. To reduce queuing concurrent user queries
- D. To conserve credits by keeping running clusters fully loaded

Answer: D

Question #524

What MINIMUM privilege is required on the external stage for any role in the GET REST API to access unstructured data files using a file URL?

- A. READ
- B. OWNERSHIP
- C. USAGE
- D. WRITE

Answer: C

Question #525

Which view in SNOWFLAKE.ACCOUNT_USAGE shows from which IP address a user connected to Snowflake?

- A. ACCESS_HYSTORY
- B. LOGIN_HYSTORY
- C. SESSIONS
- D. QUERY_HISTORY

Answer: B

Question #526

Snowflake Partner Connect is limited to users with a verified email address and which role?

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

Answer: C

Question #527

What unit of storage supports efficient query processing in Snowflake?

- A. Blobs
- B. JSON
- C. Block storage
- D. Micro-partitions

Answer: D

Question #528

What is the difference between a stored procedure and a User-Defined Function (UDF)?

- A. Stored procedures can execute database operations while UDFs cannot.
- B. Returning a value is required in a stored procedure while returning values in a UDF is optional.
- C. Values returned by a stored procedure can be used directly in a SQL statement while the values returned by a UDF cannot.
- D. Multiple stored procedures can be called as part of a single executable statement while a single SQL statement can only call one UDF at a time.

Answer: A

Question #529

Which URL type does Snowflake recommend to use when providing unstructured data to other accounts through a share?

- A. File
- B. Pre-signed
- C. Scoped
- D. Staged

Answer: C

Question #530

What is the MAXIMUM Time Travel retention period for a transient table?

- A. 0 days
- B. 1 day
- C. 7 days
- D. 90 days

Answer: B

Question #531

What is the advantage of using a reader account?

- A. It can be used by a client that does not have a Snowflake account
- B. It is read-only and prevents the shared data from being updated by the provider.
- C. It can be connected to a Snowflake account in a different region.
- D. It provides limited access to the data share and is therefore cheaper for the data provider.

Answer: A

Question #532

What command is used to export or unload data from Snowflake?

- A. PUT @mystage
- B. GET @mystage
- C. Copy INTO @mystage
- D. INSERT @mystage

Answer: C

Question #533

A Snowflake user wants to share data with someone who does not have a Snowflake account. How can the Snowflake user share the data?

- A. Use the Snowflake Marketplace.
- B. Create a reader account.
- C. Create a consumer account.
- D. Use a Snowflake share.

Answer: B

Question #534

A user wants to add additional privileges to the system-defined roles for their virtual warehouse. How does Snowflake recommend they accomplish this?

- A. Grant the additional privileges to a custom role.
- B. Grant the additional privileges to the ACCOUNTADMIN role.
- C. Grant the additional privileges to the SYSADMIN role.
- D. Grant the additional privileges to the ORGADMIN role.

Answer: A

Question #535

How does Snowflake store a table's underlying data? (Choose two.)

- A. Columnar file format
- B. Micro-partitions
- C. Text file format
- D. Uncompressed
- E. User-defined partitions

Answer: AB

Question #536

What is the MAXIMUM number of days a Snowflake-managed encryption key can be used before it gets automatically rotated?

- A. 1 day
- B. 14 days
- C. 30 days
- D. 120 days

Answer: C

Question #537

Which user object property requires contacting Snowflake Support in order to set a value for it?

- A. DISABLED
- B. MINS_TO_BYPASS MFA
- C. MINS_TO_BYPASS_NETWORK_POLICY
- D. MINS_TO_UNLOCK

Answer: C

Question #538

How does Snowflake handle the bulk unloading of data into single or multiple files?

- A. It assigns each unloaded data file a unique name.
- B. It uses the PUT command to download the data by default.
- C. It uses COPY INTO for bulk unloading where the default option is SINGLE = TRUE.
- D. It uses COPY INTO to copy the data from a table into one or more files in an external stage only.

Answer: A

Question #539

What information is included in the display in the Query Profile? (Choose two.)

- A. Index hints used in query
- B. Credit usage details
- C. Clustering keys details
- D. Details and statistics for the overall query
- E. Graphical representation of the query processing plan

Answer: DE

Question #540

A Snowflake user wants to optimize performance for a query that queries only a small number of rows in a table. The rows require significant processing. The data in the table does not change frequently.

What should the user do?

- A. Add a clustering key to the table.
- B. Add the search optimization service to the table.
- C. Create a materialized view based on the query.
- D. Enable the query acceleration service for the virtual warehouse.

Answer: C

Question #541

When using the ALLOW_CLIENT_MFA_CACHING parameter, how long is a cached Multi-Factor Authentication (MFA) token valid for?

- A. 1 hour
- B. 2 hours
- C. 4 hours
- D. 8 hours

Answer: C

Question #542

When unloading data, which file formats are supported by the COPY INTO command? (Choose two.)

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

Answer: BD

Question #543

A JSON object is loaded into a column named data using a Snowflake variant datatype. The root node of the object is BIKE. The child attribute for this root node is BIKEID.

Which statement will allow the user to access BIKEID?

- A. select data:BIKEID
- B. select data.BIKE.BIKEID
- C. select data:BIKE.BIKEID
- D. select data:BIKE:BIKEID

Answer: C

Question #544

A custom role owns multiple tables. If this role is dropped from the system, who becomes the owner of these tables?

- A. ACCOUNTADMIN
- B. SYSADMIN
- C. Tables will be standalone or orphaned.
- D. The role that dropped the custom role.

Answer: D

Question #545

Which function produces a lateral view of a VARIANT column?

- A. GET_PATH
- B. FLATTEN
- C. GET
- D. PARSE_JSON

Answer: B

Question #546

Snowflake strongly recommends that all users with what type of role be required to use Multi-Factor Authentication (MFA)?

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

Answer: B

Question #547

What does it mean when the sample function uses the Bernoulli sampling method?

- A. The data is based on sampling every row.
- B. The data is based on sampling 10% of the source data.
- C. The data is based on sampling blocks of the source data.
- D. The data is based on sampling 1000 rows of the source data.

Answer: A

Question #548

What are characteristics of Snowflake network policies? (Choose two.)

- A. They can be set for any Snowflake Edition
- B. They can be applied to roles.
- C. They restrict or enable access to specific IP addresses.
- D. They are activated using ALTER DATABASE SQL commands.
- E. They can only be managed using the ORGADMIN role.

Answer: AC

Question #549

Which function should be used to find the query ID of the second query executed in a current session?

- A. Select LAST_QUERY_ID(-2)
- B. Select LAST_QUERY_ID(-1)
- C. Select LAST_QUERY_ID(1)
- D. Select LAST_QUERY_ID(2)

Answer: D

Question #550

How is the hierarchy of database objects organized in Snowflake?

- A. A database consists of one or more schemas. A schema contains tables and views.
- B. A schema consists of one or more databases. A database contains tables and views.
- C. A schema consists of one or more databases. A database contains tables, views, and warehouses.
- D. A database consists of one or more schemas and warehouses. A schema contains tables and views.

Answer: A

Question #551

Which role can execute the SHOW ORGANIZATION ACCOUNTS command successfully?

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

Answer: C

Question #552

Which data types in Snowflake are synonymous for FLOAT? (Choose two.)

- A. DECIMAL
- B. DOUBLE
- C. NUMBER
- D. NUMERIC
- E. REAL

Answer: BE

Question #553

What ensures that a user with the role SECURITYADMIN can activate a network policy for an individual user?

- A. A role that has been granted the EXECUTE TASK privilege
- B. A role that has been granted the global ATTACH POLICY privilege
- C. Ownership privilege on only the role that created the network policy
- D. Ownership privilege on both the user and the network policy

Answer: D

Question #554

Which function can be combined with the copy command to unload a relational table into a JSON file?

- A. FLATTEN
- B. LISTAGG
- C. OBJECT_CONSTRUCT
- D. PARSE_JSON

Answer: C

Question #555

A user needs to MINIMIZE the cost of large tables that are used to store transitory data. The data does not need to be protected against failures, because the data can be reconstructed outside of Snowflake.

What table type should be used?

- A. Permanent
- B. Transient
- C. Temporary
- D. External

Answer: B

Question #556

While loading data from a JSON file, what enables the removal of the outer array structure from the file and loads the records into separate table rows?

- A. SKIP_BYTE_ORDER_MARK
- B. STRIP_NULL_VALUE
- C. STRIP_OUTER_ARRAY
- D. STRIP_OUTER_ELEMENT

Answer: C

Question #557

Which functions can be used to share unstructured data through a secure view? (Choose two.)

- A. BUILD_SCOPED_FILE_URL
- B. BUILD_STAGE_FILE_URL
- C. GET_ABSOLUTE_PATH
- D. GET_PREIGNED_URL
- E. GET_RELATIVE_PATH

Answer: AD

Question #558

Which function will return a row for each for each object in a VARIANT, OBJECT, or ARRAY column?

- A. CAST
- B. FLATTEN
- C. GET
- D. PARSE_JSON

Answer: B

Question #559

What is the MINIMUM size of a table for which Snowflake recommends considering adding a clustering key?

- A. 1 Kilobyte (KB)
- B. 1 Megabyte (MB)
- C. 1 Gigabyte (GB)
- D. 1 Terabyte (TB)

Answer: D

Question #560

For the ALLOWED_VALUES tag property, what is the MAXIMUM number of possible string values for a single tag?

- A. 10
- B. 50
- C. 64
- D. 256

Answer: Answer is 300 but choose 50(Option B) if 300 isn't there in the options

Question #561

Which Snowflake table type is only visible to the user who creates it, can have the same name as permanent tables in the same schema, and is dropped at the end of the session?

- A. Temporary
- B. Local
- C. User
- D. Transient

Answer: A

Question #562

What is a characteristic of a role in Snowflake?

- A. Roles cannot be granted to other roles.
- B. System-defined roles can be dropped.
- C. Privileges granted to system roles by Snowflake can be revoked.
- D. Privileges on securable objects can be granted and revoked to a role.

Answer: D

Question #563

What command would a user execute to load unstructured data files into a Snowflake internal stage?

- A. PUT
- B. GET
- C. LIST
- D. COPY INTO

Answer: A

Question #564

How do managed access schemas help with data governance?

- A. They log all operations and enable fine-grained auditing.
- B. They provide centralized privilege management with the schema owner.
- C. They enforce identical privileges across all tables and views in a schema.
- D. They require the use of masking and row access policies across every table and view in the schema.

Answer: B

Question #565

What is the default period of time the Warehouse Activity section provides a graph of Snowsight activity?

- A. 2 hours
- B. 1 week
- C. 2 weeks
- D. 1 month

Answer: C

Question #566

A Snowflake user wants to unload data from a relational table sized 5 GB using CSV. The extract needs to be as performant as possible.

What should the user do?

- A. Use Parquet as the unload file format, using Parquet's default compression feature.
- B. Use a regular expression in the stage specification of the COPY command to restrict parsing time.
- C. Increase the default MAX_FILE_SIZE to 5 GB and set SINGLE = true to produce a single file.
- D. Leave the default MAX_FILE_SIZE to 16 MB to take advantage of parallel operations.

Answer: D

Question #567

How is the MANAGE GRANTS privilege applied?

- A. Globally
- B. At the database level
- C. At the schema level
- D. At the table level

Answer: A

Question #568

What is required for a query execution to be served from the result cache?

- A. The user is the same.
- B. The SQL texts the same.
- C. The SQL query profile is the same.
- D. The virtual warehouse is the same.

Answer: B

Question #569

Which Snowflake URL type is used by directory tables?

- A. File
- B. Pre-signed
- C. Scoped
- D. Virtual-hosted style

Answer: A

Question #570

At which point is data encrypted when using a PUT command?

- A. When it reaches the virtual warehouse
- B. When it gets micro-partitioned
- C. Before it is sent from the user's machine
- D. After it reaches the internal stage

Answer: C

Question #571

Which privileges are required for a user to restore an object? (Choose two.)

- A. UPDATE
- B. OWNERSHIP
- C. MODIFY
- D. UNDROP
- E. CREATE

Answer: BE

Question #572

For a multi-cluster virtual warehouse, which parameters are used to calculate the number of credits billed? (Choose two.)

- A. Cache size
- B. Warehouse size
- C. Number of clusters
- D. Volume of data processed
- E. Number of queries executed

Answer: BC

Question #573

What happens when the values for both an ALLOWED_IP_LIST and a BLOCKED_IP_LIST are used in a network policy?

- A. Snowflake ignores the BLOCKED_IP_LIST first.
- B. Snowflake applies the BLOCKED_IP_LIST first.
- C. Snowflake applies the ALLOWED_IP_LIST first.
- D. Snowflake ignores the ALLOWED_IP_LIST first.

Answer: B

Question #574

What does the orange bar on an operator represent when reviewing the Query Profile?

- A. A measure of progress of the operator's execution.
- B. The fraction of time that this operator consumed within the query step.
- C. The cost of the operator in terms of the virtual warehouse CPU utilization.
- D. The fraction of data scanned from cache versus remote disk for the operator.

Answer: B

Question #575

When unloading data from Snowflake, what is the default file size of each file?

- A. 16 MB
- B. 32 MB
- C. 64 MB
- D. 5 GB

Answer: A

Question #576

What is the abbreviated form to get all the files in the stage for the current user?

- A. LIST @~;
- B. LS @~;
- C. LS @usr;
- D. SHOW @%;

Answer: B

Question #577

Which features make up Snowflake's column level security? (Choose two.)

- A. Continuous Data Protection (CDP)
- B. Dynamic Data Masking
- C. External Tokenization
- D. Key pair authentication
- E. Row access policies

Answer: BC

Question #578

Which programming languages are supported for Snowflake User-Defined Functions (UDFs)? (Choose two.)

- A. C#
- B. JavaScript
- C. PHP
- D. Python
- E. TypeScript

Answer: BD

Question #579

What is the MAXIMUM number of days that Snowflake resets the 24-hour retention period for a query result every time the result is used?

- A. 1 day
- B. 10 days
- C. 31 days
- D. 60 days

Answer: C

Question #580

There are 300 concurrent users on a production Snowflake account using a single cluster virtual warehouse. The queries are small, but the response time is very slow.

What is causing this to occur?

- A. The warehouse is queuing the queries, increasing the overall query execution time.
- B. The warehouse parameter STATEMENT_QUEUED_TIMEOUT_IN_SECONDS is set too low.
- C. The application is not using the latest native ODBC driver which is causing latency.
- D. The queries are not taking advantage of the data cache.

Answer: A

Question #581

Which Snowflake edition offers the highest level of security for organizations that have the strictest requirements?

- A. Standard
- B. Enterprise
- C. Business Critical
- D. Virtual Private Snowflake (VPS)

Answer: D

Question #582

What is the MAXIMUM size limit for a record of a VARIANT data type?

- A. 8 MB
- B. 16 MB
- C. 32 MB
- D. 128 MB

Answer: B

Question #583

What criteria does Snowflake use to determine the current role when initiating a session? (Choose two.)

- A. If a role was specified as part of the connection and that role has been granted to the Snowflake user, the specified role becomes the current role.
- B. If no role was specified as part of the connection and a default role has been defined for the Snowflake user, that role becomes the current role.
- C. If no role was specified as part of the connection and a default role has not been set for the Snowflake user, the session will not be initiated and the log in will fail.
- D. If a role was specified as part of the connection and that role has not been granted to the Snowflake user, it will be ignored and the default role will become the current role.
- E. If a role was specified as part of the connection and that role has not been granted to the Snowflake user, the role is automatically granted and it becomes the current role.

Answer: AB

Question #584

What command should be used to move data from a Snowflake database table into one or more files in an external stage?

- A. GET
- B. COPY INTO
- C. PUT
- D. SHOW

Answer: B

Question #585

How does a Snowflake user reference a directory table created on stage mystage in a SQL query?

- A. SELECT * FROM @mystage::DIRECTORY
- B. SELECT * FROM DIRECTORY (@mystage)
- C. SELECT * FROM TO_TABLE (DIRECTORY @mystage)
- D. SELECT * FROM TABLE (@mystage DIRECTORY)

Answer: B

Question #586

Why would a Snowflake user create a secure view instead of a standard view?

- A. The secure view is only available to end users with the corresponding SECURE_ACCESS property.
- B. End users are unable to see the view definition, and internal optimizations differ with a secure view.
- C. With a secure view, the underlying data is replicated to a separate storage layer with enhanced encryption.
- D. Secure views support additional functionality that is not supported for standard views, such as column masking and row level access policies.

Answer: B

Question #587

Which command can be added to the COPY command to make it load all files, whether or not the load status of the files is known?

- A. FORCE = TRUE
- B. FORCE = FALSE
- C. LOAD_UNCERTAIN_FILES = TRUE
- D. LOAD_UNCERTAIN_FILES = FALSE

Answer: A

Question #588

How can a Snowflake user improve long-running query performance?

- A. Reduce the virtual warehouse size.
- B. Cluster the underlying table being queried.
- C. Disable the result cache.
- D. Add ORDER BY to the query.

Answer: B

Question #589

Which Snowflake feature allows administrators to identify unused data that may be archived or deleted?

- A. Access history
- B. Data classification
- C. Dynamic Data Masking
- D. Object tagging

Answer: A

Question #590

Which SQL commands should be used to write a recursive query if the number of levels is unknown? (Choose two.)

- A. CONNECT BY
- B. LISTAGG
- C. MATCH RECOGNIZE
- D. QUALIFY
- E. WITH

Answer: AE

Question #591

What information is stored in the ACCESS_HISTORY view?

- A. History of the files that have been loaded into Snowflake
- B. Names and owners of the roles that are currently enabled in the session
- C. Query details such as the objects included and the user who executed the query
- D. Details around the privileges that have been granted for all objects in an account

Answer: C

Question #592

What privilege does a user need in order to receive or request data from the Snowflake Marketplace?

- A. CREATE DATA EXCHANGE LISTING
- B. CREATE SHARE
- C. IMPORT SHARE
- D. IMPORTED PRIVILEGES

Answer: C

Question #593

Which Snowflake database object can be shared with other accounts?

- A. Tasks
- B. Pipes
- C. Secure User-Defined Functions (UDFs)
- D. Stored Procedures

Answer: C

Question #594

Which identity providers are valid type values for federated authentication on the SAML_IDENTITY_PROVIDER parameter? (Choose two.)

- A. Identity Access Management (IAM)
- B. Microsoft Active Directory Federation Services (AD FS)
- C. OAuth
- D. Okta
- E. PingFederate

Answer: BD

Question #595

A Snowflake user wants to share data using my_share with account xy12345. Which command should be used?

- A. grant usage on share my_share to account xy12345;
- B. grant select on share my_share to account xy12345;
- C. alter share my_share add accounts = xy12345;
- D. alter account xy12345 add share my_share;

Answer: C

Question #596

What role is required to use Partner Connect?

- A. ACCOUNTADMIN
- B. ORGADMIN
- C. SECURITYADMIN
- D. SYSADMIN

Answer: A

Question #597

How can a Snowflake user configure a virtual warehouse to support over 100 users if their company has Enterprise Edition?

- A. Add additional warehouses and configure them as a cluster.
- B. Set the auto-scale to 100.
- C. Use a multi-cluster warehouse.
- D. Use a larger warehouse.

Answer: C

Question #598

How is table data compressed in Snowflake?

- A. Each column is compressed as it is stored in a micro-partition.
- B. Each micro-partition is compressed as it is written into cloud storage using GZIP.
- C. The micro-partitions are stored in compressed cloud storage and the cloud storage handles compression.
- D. The text data in a micro-partition is compressed with GZIP but other types are not compressed.

Answer: A

Question #599

What will be the output of the below query against the table name gold_data?

```
select * from gold_data tablesample (100);
```

- A. It will return an empty sample.
- B. It will return a random 100 rows.
- C. It will return an entire table.
- D. It will produce an error message.

Answer: C

Question #600

A Snowflake query took 40 minutes to run. The results indicate that 'Bytes spilled to local storage' was a large number. What is the issue and how can it be resolved?

- A. The warehouse is too large. Decrease the size of the warehouse to reduce the spillage.
- B. The warehouse is too small. Increase the size of the warehouse to reduce the spillage.
- C. The Snowflake console has timed-out. Contact Snowflake Support.
- D. The warehouse consists of a single cluster. Use a multi-cluster warehouse to reduce the spillage.

Answer: B

Question #601

What is the MOST efficient way to load streaming data into Snowflake?

- A. Use the COPY command.
- B. Use Snowpipe.
- C. Use the Load Data Wizard.
- D. Use tasks and streams.

Answer: B

Question #602

Which COPY INTO statement accurately describes how to unload data from a Snowflake table?

- A. The default value for the SINGLE option is set to TRUE.
- B. By default, COPY INTO statements do not separate table data into a set of output files.
- C. The OBJECT_CONSTRUCT function can be combined with the COPY command to convert the rows in a relational table to a single VARIANT column.
- D. If the COMPRESSION option is set to TRUE, a file's name can be specified with the appropriate file extension so that the output file can be compressed.

Answer: C

Question #603

What command is used to download data from a Snowflake stage?

- A. PUT
- B. INSERT
- C. GET
- D. COPY

Answer: C

Question #604

By default, which role has privileges to create tables and views in an account?

- A. PUBLIC
- B. SECURITYADMIN
- C. SYSADMIN
- D. USERADMIN

Answer: C

Question #605

What does Snowflake recommend as a best practice for using secure views?

- A. Use sequence-generated values.
- B. Programmatically reveal the identifiers.
- C. Use secure views solely for query convenience.
- D. Do not expose the sequence-generated column(s).

Answer: D

Question #606

What is the Fail-safe period for a transient table in the Snowflake Enterprise edition and higher?

- A. 0 days
- B. 1 day
- C. 7 days
- D. 14 days

Answer: A

Question #607

How does a Snowflake user enable Multi-Factor Authentication (MFA)?

- A. The user must enroll themselves through the web interface.
- B. The user must submit their encrypted private key to Snowflake.
- C. The user must sign up with Duo Mobile for approval to use the service.
- D. The user must configure Snowflake to use Single Sign-On (SSO).

Answer: A

Question #608

What allows a user to limit the number of credits consumed within a Snowflake account?

- A. Tracking account usage
- B. Creating resource monitors
- C. Automatic virtual warehouse scaling
- D. Automatic clustering

Answer: B

Question #609

Which statement accurately describes Snowflake's architecture?

- A. It uses a local data repository for all compute nodes in the platform.
- B. It is a blend of shared-disk and shared-everything database architectures.
- C. It is a hybrid of traditional shared-disk and shared-nothing database architectures.
- D. It reorganizes loaded data into internal optimized, compressed, and row-based format.

Answer: C

Question #610

Which Snowflake SQL command is used to get a subset of rows randomly from a table?

- A. GENERATOR
- B. LATERAL
- C. PIVOT
- D. SAMPLE

Answer: D

Question #611

Which statement accurately describes how a virtual warehouse functions?

- A. Increasing the size of a virtual warehouse will always improve data loading performance.
- B. Each virtual warehouse is an independent compute cluster that shares compute resources with other warehouses.
- C. Each virtual warehouse is a compute cluster composed of multiple compute nodes allocated by Snowflake from a cloud provider.
- D. All virtual warehouses share the same compute resources so performance degradation of one warehouse can significantly affect all the other warehouses.

Answer: C

Question #612

Which Snowflake object can be used to record DML changes made to a table?

- A. Snowpipe
- B. Stage
- C. Stream
- D. Task

Answer: C

Question #613

Which statistic displayed in a Query Profile is specific to external functions?

- A. Bytes written
- B. Total invocations
- C. Partitions scanned
- D. Bytes sent over the network

Answer: B

Question #614

If there is queueing in the virtual warehouse load monitoring chart, what should a Snowflake user do?

- A. Decrease the warehouse size.
- B. Decrease the MIN_CLUSTER_COUNT parameter.
- C. Change the multi-cluster settings to add additional clusters.
- D. Start a separate warehouse and move queued queries there.

Answer: D

Question #615

Which command is used to generate a zero-copy "snapshot" of any table, schema, or database?

- A. ALTER
- B. CREATE ... CLONE
- C. COPY INTO
- D. CREATE REPLICATION GROUP

Answer: B

Question #616

How long is the load history stored in the metadata of the pipe in Snowpipe?

- A. 2 days
- B. 7 days
- C. 14 days
- D. 64 days

Answer: C

Question #617

What are the key characteristics of ACCOUNT_USAGE views? (Choose two.)

- A. There is no data latency.
- B. The data latency can vary from 45 minutes to 3 hours.
- C. The historical data is not retained.
- D. The historical data can be retained from 7 days to 6 months.
- E. Records for dropped objects are included in each view.

Answer: BE

Question #618

How does a scoped URL expire?

- A. When the data cache clears.
- B. When the persisted query result period ends.
- C. The encoded URL access is permanent.
- D. The length of time is specified in the expiration_time argument.

Answer: B

Question #619

What are the available Snowflake scaling modes for configuring multi-cluster virtual warehouses? (Choose two.)

- A. Auto-Scale
- B. Economy
- C. Maximized
- D. Scale-Out
- E. Standard

Answer: AC

Question #620

Which loop type iterates until a condition is true?

- A. FOR
- B. LOOP
- C. REPEAT
- D. WHILE

Answer: C

Question #621

Which property needs to be added to the ALTER WAREHOUSE command to verify the additional compute resources for a virtual warehouse have been fully provisioned?

- A. QUERY_ACCELERATION_MAX_SCALE_FACTOR
- B. RESOURCE_MONITOR
- C. SCALING_POLICY
- D. WAIT_FOR_COMPLETION

Answer: D

Question #622

How is enhanced authentication achieved in Snowflake? (Choose two.)

- B. Snowflake-managed keys
- C. Object level access control
- D. Multi-Factor Authentication (MFA)
- E. Federated authentication and Single Sign-On (SSO)

Answer: DE

Question #623

What are the native data types that Snowflake provides to store semi-structured data? (Choose two.)

- A. ARRAY
- B. JSON
- C. ORC
- D. Parquet
- E. VARIANT

Answer: AE

Question #624

How long is the Fail-safe period for recovering historical data from permanent tables?

- A. 1 day
- B. 3 days
- C. 7 days
- D. 14 days

Answer: C

Question #625

What does the average_overlaps in the output of SYSTEM\$CLUSTERING_INFORMATION refer to?

- A. The average number of micro-partitions stored in Time Travel.
- B. The average number of partitions physically stored in the same location.
- C. The average number of micro-partitions which contain overlapping value ranges.
- D. The average number of micro-partitions in the table associated with cloned objects.

Answer: C

Question #626

If queries start to queue in a multi-cluster virtual warehouse an additional compute cluster starts immediately under what setting?

- A. Auto-scale mode
- B. Maximized mode
- C. Economy scaling policy
- D. Standard scaling policy

Answer: D

Question #627

When floating-point number columns are unloaded to CSV or JSON files, Snowflake truncates the values to approximately what?

- A. (12,2)
- B. (10,4)
- C. (14,8)
- D. (15,9)

Answer: D

Question #628

By definition, a secure view is exposed only to users with what privilege?

- A. IMPORT SHARE
- B. OWNERSHIP
- C. REFERENCES
- D. USAGE

Answer: B

Question #629

What happens when a user exits Snowsight during a session that a query is running?

- A. Snowflake executes the query during the same session immediately.
- B. Snowflake cancels any queries submitted during this session that are still running.
- C. Snowflake will cancel any queries submitted during this session after 24 hours.
- D. Snowflake will continue to execute and complete upon the next login.

Answer: B

Question #630

Which native data types are used for storing semi-structured data in Snowflake? (Choose two.)

- A. NUMBER
- B. OBJECT
- C. STRING
- D. VARCHAR
- E. VARIANT

Answer: BE

Question #631

Which columns are available in the output of a Snowflake directory table? (Choose two.)

- A. CATALOG_NAME
- B. FILE_NAME
- C. LAST_MODIFIED
- D. RELATIVE_PATH
- E. STAGE_NAME

Answer: CD

Question #632

What is used to diagnose and troubleshoot network connections to Snowflake?

- A. SnowCD
- B. Snowpark
- C. Snowsight
- D. SnowSQL

Answer: A

Question #633

What Snowflake object records Data Manipulation Language (DML) changes so that actions can be taken using the changed data?

- A. Pipe
- B. Stream
- C. Task
- D. View

Answer: B

Question #634

By default, the COPY INTO statement will separate table data into a set of output files to take advantage of which Snowflake feature?

- A. Query acceleration
- B. Query plan caching
- C. Parallel processing
- D. Time Travel

Answer: C

Question #635

Which command can be used to view the allowed and blocked IP list of a network policy?

- A. ALTER NETWORK POLICY
- B. CREATE NETWORK POLICY
- C. DESCRIBE NETWORK POLICY
- D. SHOW NETWORK POLICIES

Answer: C

Question #636

Which file functions are non-deterministic? (Choose two.)

- A. BUILD_SCOPED_FILE_URL
- B. BUILD_STAGE_FILE_URL
- C. GET_ABSOLUTE_PATH
- D. GET_PREIGNED_URL
- E. GET_RELATIVE_PATH

Answer: AD

Question #637

How can a Snowflake user optimize query performance in Snowflake? (Choose two.)

- A. Create a view.
- B. Cluster a table.
- C. Enable the search optimization service.
- D. Enable Time Travel.
- E. Index a table.

Answer: BC

Question #638

What is the MINIMUM role required to set the value for the parameter ENABLE_ACCOUNT_DATABASE_REPLICATION?

- A. ACCOUNTADMIN
- B. SECURITYADMIN
- C. SYSADMIN
- D. ORGADMIN

Answer: D

Question #639

Which file format will keep floating-point numbers from being truncated when data is unloaded?

- A. CSV
- B. JSON
- C. ORC
- D. Parquet

Answer: D

Question #640

A user has semi-structured data to load into Snowflake but is not sure what types of operations will need to be performed on the data.

Based on this situation, what type of column does Snowflake recommend be used?

- A. ARRAY
- B. OBJECT
- C. TEXT
- D. VARIANT

Answer: D

Question #641

Which Snowflake object helps evaluate virtual warehouse performance impacted by query queuing?

- A. Resource monitor
- B. Account_usage.query_history
- C. Information_schema.warehouse_load_history
- D. Information_schema.warehouse_metering_history

Answer: B

Question #642

Which Snowflake object can be created to be temporary?

- A. Role
- B. Stage
- C. User
- D. Storage integration

Answer: B

Question #643

Which stream type can be used for tracking the records in external tables?

- A.Append-only
- B.External
- C.Insert-only
- D.Standard

Answer: C

Question #644

What is the recommended approach for unloading data to a cloud storage location from Snowflake?

- A.Use a third-party tool to unload the data to cloud storage.
- B.Unload the data directly to the cloud storage location.
- C.Unload the data to a local file system, then upload it to cloud storage.
- D.Unload the data to a user stage, then upload the data to cloud storage

Answer: B

Question #645

Which command is used to unload files from an internal or external stage to a local file system?

- A.COPY INTO
- B.GET
- C.PUT
- D.TRANSFER

Answer: B

Question #646

A tabular User-Defined Function (UDF) is defined by specifying a return clause that contains which keyword?

- A.ROW_NUMBER
- B.TABLE
- C.TABULAR
- D.VALUES

Answer: B

Question #647

Which SQL statement will require a virtual warehouse to run?

- A.
SELECT COUNT(*) FROM TBL_EMPLOYEE;
- B.
ALTER TABLE TBL_EMPLOYEE ADD COLUMN EMP_REGION VARCHAR(20);
- C.
INSERT INTO TBL_EMPLOYEE(EMP_ID, EMP_NAME, EMP_SALARY, DEPT) VALUES(1, 'Adam', 20000, 'Finance');
- D.
CREATE OR REPLACE TABLE TBL_EMPLOYEE
(
EMP_ID NUMBER,
EMP_NAME VARCHAR(30),
EMP_SALARY NUMBER,
DEPT VARCHAR(20)
);

Answer: C

Question #648

Which REST API can be used with unstructured data?

- A.
insertFiles
- B.
insertReport
- C.
GET /api/files/
- D.
loadHistoryScan

Answer: C

Question #649

Which query contains a Snowflake hosted file URL in a directory table for a stage named bronzestage?

- A.
list @bronzestage;
- B.
select * from directory(@bronzestage);
- C.
select metadata\$filename from @bronzestage;
- D.
select * from table(information_schema.stage_directory_file_registration_history(stage_name=>'bronzestage'));

Answer: B

Question #650

Which feature is integrated to support Multi-Factor Authentication (MFA) at Snowflake?

- A.
Authy
- B.
Duo Security
- C.
One Login
- D.
RSA SecurID Access

Answer: B

Question #651

In which Snowflake layer does Snowflake reorganize data into its internal optimized, compressed, columnar format?

- A.
Cloud Services
- B.
Database Storage
- C.
Query Processing
- D.
Metadata Management

Answer: B

Question #652

When can user session variables be accessed in a Snowflake scripting procedure?

- A.
When the procedure is defined as STRICT.
- B.
When the procedure is defined to execute as CALLER.
- C.
When the procedure is defined to execute as OWNER.
- D.
When the procedure is defined with an argument that has the same name and type as the session variable.

Answer: B

Question #653

What computer language can be selected when creating User-Defined Functions (UDFs) using the Snowpark API?

- A. Swift
- B. JavaScript
- C. Python
- D. SQL

Answer: C

Question #654

A user needs to ingest 1 GB of data that is available in an external stage using a COPY INTO command. How can this be done with MAXIMUM performance and the LEAST cost?

- A. Ingest the data in a compressed format as a single file.
- B. Ingest the data in an uncompressed format as a single file.
- C. Split the file into smaller files of 100-250 MB each, compress and ingest each of the smaller files.
- D. Split the file into smaller files of 100-250 MB each and ingest each of the smaller files in an uncompressed format.

Answer: C

Question #655

A Snowflake user has two tables that contain numeric values and is trying to find out which values are present in both tables. Which set operator should be used?

- A. INTERSECT
- B. MERGE
- C. MINUS
- D. UNION

Answer: A

Question #656

A view is defined on a permanent table. A temporary table with the same name is created in the same schema as the referenced table.

What will the query from the view return?

- A. The data from the permanent table.
- B. The data from the temporary table.
- C. An error stating that the view could not be compiled.
- D. An error stating that the referenced object could not be uniquely identified.

Answer: B

Question #657

Which file function generates a Snowflake-hosted file URL to a staged file using the stage name and relative file path as inputs?

- A.
BUILD_STAGE_FILE_URL
- B.
GET_ABSOLUTE_PATH
- C.
GET_RELATIVE_PATH
- D.
GET_STAGE_LOCATION

Answer: A

Question #658

Which service or feature in Snowflake is used to improve the performance of certain types of lookup and analytical queries that use an extensive set of WHERE conditions?

- A.
Data classification
- B.
Query acceleration service
- C.
Search optimization service
- D.
Tagging

Answer: C

Question #659

What is the name of the SnowSQL file that can store connection information?

- A.
history
- B.
config
- C.
snowsql.cnf
- D.
snowsql.pubkey

Answer: B

Question #660

How do secure views compare to non-secure views in Snowflake?

- A.
Secure views execute slowly compared to non-secure views.
- B.
Non-secure views are preferred over secure views when sharing data.
- C.
Secure views are similar to materialized views in that they are the most performant.
- D.
There are no performance differences between secure and non-secure views.

Answer: A

Question #661

Which type of join will list all rows in the specified table, even if those rows have no match in the other table?

- A.
Cross join
- B.
Inner join
- C.
Natural join
- D.
Outer join

Answer: D

Question #662

When unloading data to an external stage, what is the MAXIMUM file size supported?

- A.
1 GB
- B.
5 GB
- C.
10 GB
- D.
16 GB

Answer: B

Question #663

How long does Snowflake retain information in the ACCESS_HISTORY view?

- A.
7 days
- B.
14 days
- C.
28 days
- D.
365 days

Answer: D

Question #664

Which encryption type will enable client-side encryption for a directory table?

- A.
AES
- B.
AWS_CSE
- C.
SNOWFLAKE_SSE
- D.
SNOWFLAKE_FULL

Answer: D

Question #665

If file format options are specified in multiple locations, the load operation selects which option FIRST to apply in order of precedence?

- A.
Table definition
- B.
Stage definition
- C.
Session level
- D.
COPY INTO TABLE statement

Answer: D

Question #666

A complex SQL query involving eight tables with joins is taking a while to execute. The Query Profile shows that all partitions are being scanned.

What is causing the query performance issue?

- A.
Pruning is not being performed efficiently.
- B.
A huge volume of data is being fetched, with many joins applied.
- C.
Incorrect joins are being used, leading to scanning and pulling too many records.
- D.
The columns in the micro-partitions need granular ordering based on the dataset.

Answer: A

Question #667

What does Snowflake's search optimization service support?

- A.
External tables
- B.
Materialized views
- C.
Tables and views that are not protected by row access policies
- D.
Casts on table columns (except for fixed-point numbers cast to strings)

Answer: C

Question #668

Which table type is no longer available after the close of the session and therefore has no Fail-safe or Time Travel recovery option?

- A.
External
- B.
Permanent
- C.
Temporary
- D.
Transient

Answer: C

Question #669

How many network policies can be assigned to an account or specific user at a time?

- A.
One
- B.
Two
- C.
Three
- D.
Unlimited

Answer: A

Question #670

What is a characteristic of a tag associated with a masking policy?

- A.
A tag can be dropped after a masking policy is assigned.
- B.
A tag can have only one masking policy for each data type.
- C.
A tag can have multiple masking policies for each data type.
- D.
A tag can have multiple masking policies with varying data types.

Answer: B

Question #671

Which clients does Snowflake support Multi-Factor Authentication (MFA) token caching for? (Choose two.)

- A.
GO driver
- B.
Node.js driver
- C.
ODBC driver
- D.
Python connector
- E.
Spark connector

Answer: CD

Question #672

What is the Snowflake recommended Parquet file size when querying from external tables to optimize the number of parallel scanning operations?

- A.
1-16 MB
- B.
16-128 MB
- C.
100-250 MB
- D.
256-512 MB

Answer: D

Question #673

Which data types can be used in a Snowflake table that holds semi-structured data? (Choose two.)

- A.
ARRAY
- B.
BINARY
- C.
TEXT
- D.
VARIANT
- E.
VARCHAR

Answer: AD

Question #674

Which constraint is enforced in Snowflake?

- A.
FOREIGN KEY
- B.
NOT NULL
- C.
PRIMARY KEY
- D.
UNIQUE KEY

Answer: B

Question #675

Which pages are included in the Activity area of Snowsight? (Choose two.)

- A.
Contacts
- B.
Sharing settings
- C.
Copy History
- D.
Query History
- E.
Automatic Clustering History

Answer: CD

Question #676

When should a user consider disabling auto-suspend for a virtual warehouse? (Choose two.)

- A.
When users will be using compute at different times throughout a 24/7 period
- B.
When managing a steady workload
- C.
When the compute must be available with no delay or lag time
- D.
When the user does not want to have to manually turn on the warehouse each time it is needed
- E.
When the warehouse is shared across different teams

Answer: BC

Question #677

What can a Snowflake user do in the Activity section in Snowsight?

- A.
Create dashboards.
- B.
Write and run SQL queries.
- C.
Explore databases and objects.
- D.
Explore executed query performance.

Answer: D

Question #678

How does Snowflake reorganize data when it is loaded? (Choose two.)

- A.
Binary format
- B.
Columnar format
- C.
Compressed format
- D.
Raw format
- E.
Zipped format

Answer: BC

Question #679

Which operations are handled in the Cloud Services layer of Snowflake? (Choose two.)

- A.
Security
- B.
Data storage
- C.
Data visualization
- D.
Query computation
- E.
Metadata management

Answer: AE

Question #680

At which point is data encrypted when using a PUT command?

- A.
When it reaches the virtual warehouse
- B.
When it gets micro-partitioned
- C.
Before it is sent from the user's machine
- D.
After it reaches the internal stage

Answer: C

Question #681

What type of columns does Snowflake recommend to be used as clustering keys? (Choose two.)

- A.
A VARIANT column
- B.
A column with very low cardinality
- C.
A column with very high cardinality
- D.
A column that is most actively used in selective filters
- E.
A column that is most actively used in join predicates

Answer: DE

Question #682

Which objects together comprise a namespace in Snowflake? (Choose two.)

- A.
Account
- B.
Database
- C.
Schema
- D.
Table
- E.
Virtual warehouse

Answer: BC

Question #683

What statistical information in a Query Profile indicates that the query is too large to fit in memory? (Choose two.)

- A.
Bytes spilled to local cache.
- B.
Bytes spilled to local storage.
- C.
Bytes spilled to remote cache.
- D.
Bytes spilled to remote storage.
- E.
Bytes spilled to remote metastore.

Answer: BD

Question #684

How do Snowflake data providers share data that resides in different databases?

- A.
External tables
- B.
Secure views
- C.
Materialized views
- D.
User-Defined Functions (UDFs)

Answer: B

Question #685

What operations can be performed while loading a simple CSV file into a Snowflake table using the COPY INTO command? (Choose two.)

- A. Performing aggregate calculations
- B. Reordering the columns
- C. Grouping by operations
- D. Converting the datatypes
- E. Selecting the first few rows

Answer: BD

Question #686

Which commands support a multiple-statement request to access and update Snowflake data? (Choose two.)

- A. CALL
- B. COMMIT
- C. GET
- D. PUT
- E. ROLLBACK

Answer: BE

Question #687

Why should a Snowflake user implement a secure view? (Choose two.)

- A. To store unstructured data
- B. To increase query performance
- C. To limit access to sensitive data
- D. To optimize query concurrency and queuing
- E. To hide view definition and details from unauthorized users

Answer: CE

Question #688

At what levels can a resource monitor be configured? (Choose two.)

- A. Account
- B. Database
- C. Organization
- D. Schema
- E. Virtual warehouse

Answer: AE

Question #689

What activities can be monitored by a user directly from Snowsight's Activity tab without using the Account_Usage views? (Choose two.)

- A. Login history
- B. Query history
- C. Copy history
- D. Event usage history
- E. Virtual warehouse metering history

Answer: BC

Question #690

What can a Snowflake user do with the information included in the details section of a Query Profile?

- A. Determine the total duration of the query.
- B. Determine the role of the user who ran the query.
- C. Determine the source system that the queried table is from.
- D. Determine if the query was on structured or semi-structured data.

Answer: A

Question #691

How can a Snowflake user access a JSON object, given the following table? (Choose two.)

SRC
<pre>{ "salesPerson": { "id": "1234", "name": "user" }}</pre>

- A. src:salesperson.name
- B. src:salesPerson.name
- C. src:salesPerson.Name
- D. SRC:salesPerson.name
- E. SRC:salesPerson.Name

Answer: BD

Question #692

Which term is used to describe information about disk usage for operations where intermediate results cannot be accommodated in a Snowflake virtual warehouse memory?

- A. Pruning
- B. Spilling

- C.
Join explosion
- D.
Queue overloading

Answer: B

Question #693

There are two Snowflake accounts in the same cloud provider region: one is production and the other is non-production. How can data be easily transferred from the production account to the non-production account?

- A.
Clone the data from the production account to the non-production account.
- B.
Create a data share from the production account to the non-production account.
- C.
Create a subscription in the production account and have it publish to the non-production account.
- D.
Create a reader account using the production account and link the reader account to the non-production account.

Answer: B

Question #694

A user is unloading data to a stage using this command:

```
copy into @message from (select object_construct('id', 1, 'first_name', 'Snowflake', 'last_name', 'User', 'city', 'Bozeman'))file_format = (type = json)
```

What will the output file in the stage be?

- A.
A single compressed JSON file with a single VARIANT column
- B.
Multiple compressed JSON files with a single VARIANT column
- C.
A single uncompressed JSON file with multiple VARIANT columns
- D.
Multiple uncompressed JSON files with multiple VARIANT columns

Answer: A

Question #695

A JSON file that contains lots of dates and arrays needs to be processed in Snowflake. The user wants to ensure optimal performance while querying the data.

How can this be achieved?

- A.
Flatten the data and store it in structured data types in a flattened table. Query the table.
- B.
Store the data in a table with a VARIANT data type. Query the table.
- C.
Store the data in a table with a VARIANT data type and include STRIP_NULL_VALUES while loading the table. Query the table.
- D.
Store the data in an external stage and create views on top of it. Query the views.

Answer: A

Question #696

When referring to User-Defined Function (UDF) names in Snowflake, what does the term overloading mean?

- A.
There are multiple SQL UDFs with the same names and the same number of arguments.
- B.

There are multiple SQL UDFs with the same names and the same number of argument types.

C.

There are multiple SQL UDFs with the same names but with a different number of arguments or argument types.

D.

There are multiple SQL UDFs with different names but the same number of arguments or argument types.

Answer: C

Question #697

Which key governance feature in Snowflake allows users to identify data objects that contain sensitive data and their related objects?

A.

Object tagging

B.

Data classification

C.

Row access policy

D.

Column-level security

Answer: B

Question #698

What can a Snowflake user do in the Admin area of Snow right?

A.

Analyze query performance.

B.

Write queries and execute them.

C.

Provide an overview of the listings in the Snowflake Marketplace.

D.

Connect to Snowflake partners to explore extended functionality.

Answer: D

Question #699

Which function generates a Snowflake hosted file URL to a staged file using the stage name and relative file path as inputs?

A.

BUILD_STAGE_FILE_URL

B.

BUILD_SCOPED_FILE_URL

C.

GET_PREIGNED_URL

D.

GET_STAGE_LOCATION

Answer: A

Question #700

What is the purpose of using the OBJECT_CONSTRUCT function with the COPY INTO command?

A.

Reorder the rows in a relational table and then unload the rows into a file.

B.

Convert the rows in a relational table to a single VARIANT column and then unload the rows into a file.

C.

Reorder the data columns according to a target table definition and then unload the rows into the table.

D.

Convert the rows in a source file to a single VARIANT column and then load the rows from the file to a varianttable.

Answer: B

Question #701

Which URL provides access to files in Snowflake without authorization?

- A.
File URL
- B.
Scoped URL
- C.
Pre-signed URL
- D.
Scoped file URL

Answer: C

Question #702

What type of NULL values are supported in semi-structured data? (Choose two.)

- A.
Avro
- B.
JSON
- C.
ORC
- D.
Parquet
- E.
SQL

Answer: BE

Question #703

What are characteristics of transient tables in Snowflake? (Choose two.)

- A.
Transient tables have a Fail-safe period of 7 days.
- B.
Transient tables can be cloned to permanent tables.
- C.
Transient tables persist until they are explicitly dropped.
- D.
Transient tables can be altered to make them permanent tables.
- E.
Transient tables have Time Travel retention periods of 0 or 1 day.

Answer: CE

Question #704

The INFORMATION_SCHEMA included in each database contains which objects? (Choose two.)

- A.
Views for all the objects contained in the database
- B.
Views for all the objects contained in the Snowflake account
- C.
Views for historical and usage data across the Snowflake account
- D.
Table functions for historical and usage data across the Snowflake account
- E.
Table functions for account-level objects, such as roles, virtual warehouses, and databases

Answer: AD

Question #705

The use of which technique or tool will improve Snowflake query performance on very large tables?

- A.
Indexing
- B.
Clustering keys
- C.
Multi-clustering
- D.
Materialized views

Answer: B

Question #706

Which Snowflake layer is associated with virtual warehouses?

- A.
Cloud services
- B.
Query processing
- C.
Elastic memory
- D.
Database storage

Answer: B

Question #707

Which MINIMUM set of privileges is required to temporarily bypass an active network policy by configuring the user object property MINS_TO_BYPASS_NETWORK_POLICY?

- A.
Only while in the ACCOUNTADMIN role
- B.
Only while in the SECURITYADMIN role
- C.
Only the role with the OWNERSHIP privilege on the network policy
- D.
Only Snowflake Support can set the value for this object property

Answer: D

Question #708

What authentication method does the Kafka connector use within Snowflake?

- A.
Key pair authentication
- B.
Multi-Factor Authentication (MFA)
- C.
OAuth
- D.
Username and password

Answer: A

Question #709

What is the purpose of the Snowflake SPLIT_TO_TABLE function?

- A.
To count the number of characters in a string
- B.
To split a string into an array of sub-strings
- C.
To split a string and flatten the results into rows
- D.
To split a string and flatten the results into columns

Answer: C

Question #710

What feature of Snowflake Continuous Data Protection can be used for maintenance of historical data?

- A.
Access control
- B.
Fail-safe
- C.
Network policies
- D.
Time Travel

Answer: D

Question #711

What aspect of an executed query is represented by the remote disk I/O statistic of the Query Profile in Snowflake?

- A.
Time spent scanning the table partitions to filter data based on the predicate
- B.
Time spent caching the data to remote storage in order to buffer the data being extracted and exported
- C.
Time spent reading and writing data from and to remote storage when the data being accessed does not fit into the executing virtual warehouse node memory
- D.
Time spent reading and writing data from and to remote storage when the data being accessed does not fit into either the virtual warehouse memory or the local disk

Answer: D

Question #712

What action can a user take to address query concurrency issues?

- A.
Enable the search optimization service.
- B.
Enable the query acceleration service.
- C.
Add additional clusters to the virtual warehouse.
- D.
Resize the virtual warehouse to a larger instance size.

Answer: C

Question #713

What does the client redirect feature in Snowflake enable?

- A.
A redirect of client connections to Snowflake accounts in the same regions for business continuity.
- B.
A redirect of client connections to Snowflake accounts in different regions for business continuity.
- C.
A redirect of client connections to Snowflake accounts in different regions for data replication.
- D.
A redirect of client connections to Snowflake accounts in the same regions for data replication.

Answer: B

Question #714

Which Snowflake feature can be used to find sensitive data in a table or column?

- A.
Masking policies
- B.
Data classification
- C.
Row level policies
- D.
External functions

Answer: B

Question #715

Which Snowflake feature allows a user to track sensitive data for compliance, discovery, protection, and resource usage?

- A.
Tags
- B.
Comments
- C.
Internal tokenization
- D.
Row access policies

Answer: A

Question #716

Snowflake's hierarchical key mode includes which keys? (Choose two.)

- A.
Account master keys
- B.
Database master keys
- C.
File keys
- D.
Secure view keys
- E.
Schema master keys

Answer: AC

Question #717

What can the Snowflake SCIM API be used to manage? (Choose two.)

- A.
Integrations
- B.
Network policies
- C.
Session policies
- D.
Roles
- E.
Users

Answer: DE

Question #718

Which privilege is required to use the search optimization service in Snowflake?

- A.
GRANT SEARCH OPTIMIZATION ON SCHEMA
TO ROLE
- B.
GRANT SEARCH OPTIMIZATION ON DATABASE
TO ROLE
- C.
GRANT ADD SEARCH OPTIMIZATION ON SCHEMA
TO ROLE
- D.
GRANT ADD SEARCH OPTIMIZATION ON DATABASE
TO ROLE

Answer: C

Question #719

What is generally the FASTEST way to bulk load data files from a stage?

- A.
Specifying a list of specific files to load
- B.
Loading by path (internal stages) / prefix
- C.
Using the Snowpipe REST API
- D.
Using pattern matching to identify specific files by pattern

Answer: A

Question #720

How does a Snowflake user extract the URL of a directory table on an external stage for further transformation?

- A.
Use the SHOW STAGES command.
- B.
Use the DESCRIBE STAGE command.
- C.
Use the GET_ABSOLUTE_PATH function.
- D.
Use the GET_STAGE_LOCATION function.

Answer: D

Question #721

A Snowflake user needs to share unstructured data from an internal stage to a reporting tool that does not have Snowflake access.

Which file function should be used?

- A.
BUILD_SCOPED_FILE_URL
- B.
BUILD_STAGE_FILE_URL
- C.
GET_PREIGNED_URL
- D.
GET_STAGE_LOCATION

Answer: C

Question #722

The use of which Snowflake table type will reduce costs when working with ETL workflows?

- A.
External
- B.
Permanent
- C.
Temporary
- D.
Transient

Answer: C

Question #723

What is one of the characteristics of data shares?

- A.
Data shares support full DML operations.
- B.
Data shares work by copying data to consumer accounts.
- C.
Data shares utilize secure views for sharing view objects.
- D.
Data shares are cloud agnostic and can cross regions by default.

Answer: C

Question #724

What is the MINIMUM configurable idle timeout value for a session policy in Snowflake?

- A.
2 minutes
- B.
5 minutes
- C.
10 minutes
- D.
15 minutes

Answer: B

Question #725

Which command is used to unload data from a Snowflake table to an external stage?

- A.
COPY INTO
- B.
COPY INTO followed by GET
- C.
GET
- D.
COPY INTO followed by PUT

Answer: A

Question #726

What is a characteristic of materialized views in Snowflake?

- A.
Materialized views do not allow joins.
- B.
Clones of materialized views can be created directly by the user.
- C.
Multiple tables can be joined in the underlying query of a materialized view.
- D.
Aggregate functions can be used as window functions in materialized views.

Answer: A

Question #727

Which Snowflake URL type allows users or applications to download or access files directly from Snowflake stage without authentication?

- A.
Directory
- B.
File
- C.
Pre-signed
- D.
Scoped

Answer: C

Question #728

Which SQL command will download all the data files from an internal table stage named TBL_EMPLOYEE to a local window directory or folder on a client machine in a folder named folder with space within the C drive?

- A.
GET @%TBL_EMPLOYEE 'file://C:\folder with space\';
- B.
GET @%TBL_EMPLOYEE 'file://C:/folder with space/';
- C.
PUT 'file://C:\folder with space\'* @%TBL_EMPLOYEE;
- D.
PUT 'file://C:/folder with space/*' @%TBL_EMPLOYEE;

Answer: B

Question #729

How can the COPY command be used to unload data from a table to an internal stage?

- A.
COPY INTO
- B.
COPY INTO
- C. COPY INTO with single-true
- D. COPY INTO S3://

Answer: A

Question #730

How does a Snowflake stored procedure compare to a User-Defined Function (UDF)?

- A.
A single executable statement can call only two stored procedures. In contrast, a single SQL statement can call multiple UDFs.
- B.
A single executable statement can call only one stored procedure. In contrast, a single SQL statement can call multiple UDFs.
- C.
A single executable statement can call multiple stored procedures. In contrast, multiple SQL statements can call the same UDFs.
- D.
Multiple executable statements can call more than one stored procedure. In contrast, a single SQL statement can call multiple UDFs.

Answer: B

Question #731

Which command should be used to unload all the rows from a table into one or more files in a named stage?

- A.
COPY INTO
- B.
GET
- C.
INSERT INTO
- D.
PUT

Answer: A

Question #732

Which command is used to unload data from a table or move a query result to a stage?

- A.
COPY INTO
- B.
GET
- C.
MERGE
- D.
PUT

Answer: A

Question #733

What privileges are necessary for a consumer in the Data Exchange to make a request and receive data? (Choose two.)

- A.
CREATE DATABASE
- B.
IMPORT SHARE
- C.
OWNERSHIP
- D.
REFERENCE_USAGE
- E.
USAGE

Answer: AB

Question #734

What are benefits of using Snowpark with Snowflake? (Choose two.)

- A.
Snowpark uses a Spark engine to generate optimized SQL query plans.
- B.
Snowpark automatically sets up Spark within Snowflake virtual warehouses.
- C.
Snowpark does not require that a separate cluster be running outside of Snowflake.
- D.
Snowpark allows users to run existing Spark code on virtual warehouses without the need to reconfigure the code.
- E.
Snowpark executes as much work as possible in the source databases for all operations including User-Defined Functions(UDFs).

Answer: CD or CE (CD as per exam topics)

Question #735

What are Snowflake best practices when assigning the ACCOUNTADMIN role to users? (Choose two.)

- A.
The ACCOUNTADMIN role should be assigned to at least two users.
- B.
The ACCOUNTADMIN role should be used to create Snowflake objects.
- C.
The ACCOUNTADMIN role should be used for running automated scripts.
- D.
The ACCOUNTADMIN role should be given to any user who needs a high level of authority.
- E.
All users assigned the ACCOUNTADMIN role should use Multi-Factor Authentication (MFA).

Answer: AE

Question #736

What is a recommended approach for optimizing query performance in Snowflake?

- A.
Use subqueries whenever possible.
- B.
Use a large number of joins to combine data from multiple tables.
- C.
Select all columns from tables, even if they are not needed in the query.
- D.
Use a smaller number of larger tables rather than a larger number of smaller tables.

Answer: D

Question #737

When using SnowSQL, which configuration options are required when unloading data from a SQL query run on a local machine?(Choose two.)

- A.
echo
- B.
quiet
- C.
output_file
- D.
output_format
- E.
force_put_overwrite

Answer: CD

Question #738

Which Snowflake view is used to support compliance auditing?

- A.
ACCESS_HISTORY
- B.
COPY_HISTORY
- C.
QUERY_HISTORY
- D.
ROW_ACCESS_POLICIES

Answer: A

Question #739

How can a Snowflake user load duplicate files with a COPY INTO command?

- A.
The COPY INTO options should be set to PURGE = FALSE
- B.
The COPY INTO options should be set to FORCE = TRUE
- C.
The COPY INTO options should be set to RETURN_FAILED_ONLY = FALSE
- D.
The COPY INTO options should be set to ON_ERROR = CONTINUE

Answer: B

Question #740

What causes objects in a data share to become unavailable to a consumer account?

- A.
The DATA_RETENTION_TIME_IN_DAYS parameter in the consumer account is set to 0.
- B.
The consumer account runs the GRANT IMPORTED PRIVILEGES command on the data share every 24 hours.
- C.
The objects in the data share are being deleted and the grant pattern is not re-applied systematically.
- D.
The consumer account acquires the data share through a private data exchange.

Answer: C

Question #741

Which statement describes Snowflake tables?

- A.
Snowflake tables are logical representations of underlying physical data.
- B.
Snowflake tables are the physical instantiation of data loaded into Snowflake.
- C.
Snowflake tables require that clustering keys be defined to perform optimally.
- D.
Snowflake tables are owned by a user.

Answer: A

Question #742

Which type of charts are supported by Snowsight? (Choose two.)

- A.
Flowcharts
- B.
Gantt charts
- C.
Line charts
- D.
Pie charts
- E.
Scatterplots

Answer: CE

Question #743

A user wants to upload a file to an internal Snowflake stage using a PUT command. Which tools and/or connectors could be used to execute this command? (Choose two.)

- A. SnowCD
- B. SnowSQL
- C. SQL API
- D. Python connector
- E. Snowsight worksheets

Answer: BD

Question #744

Which Snowflake table is an implicit object layered on a stage, where the stage can be either internal or external?

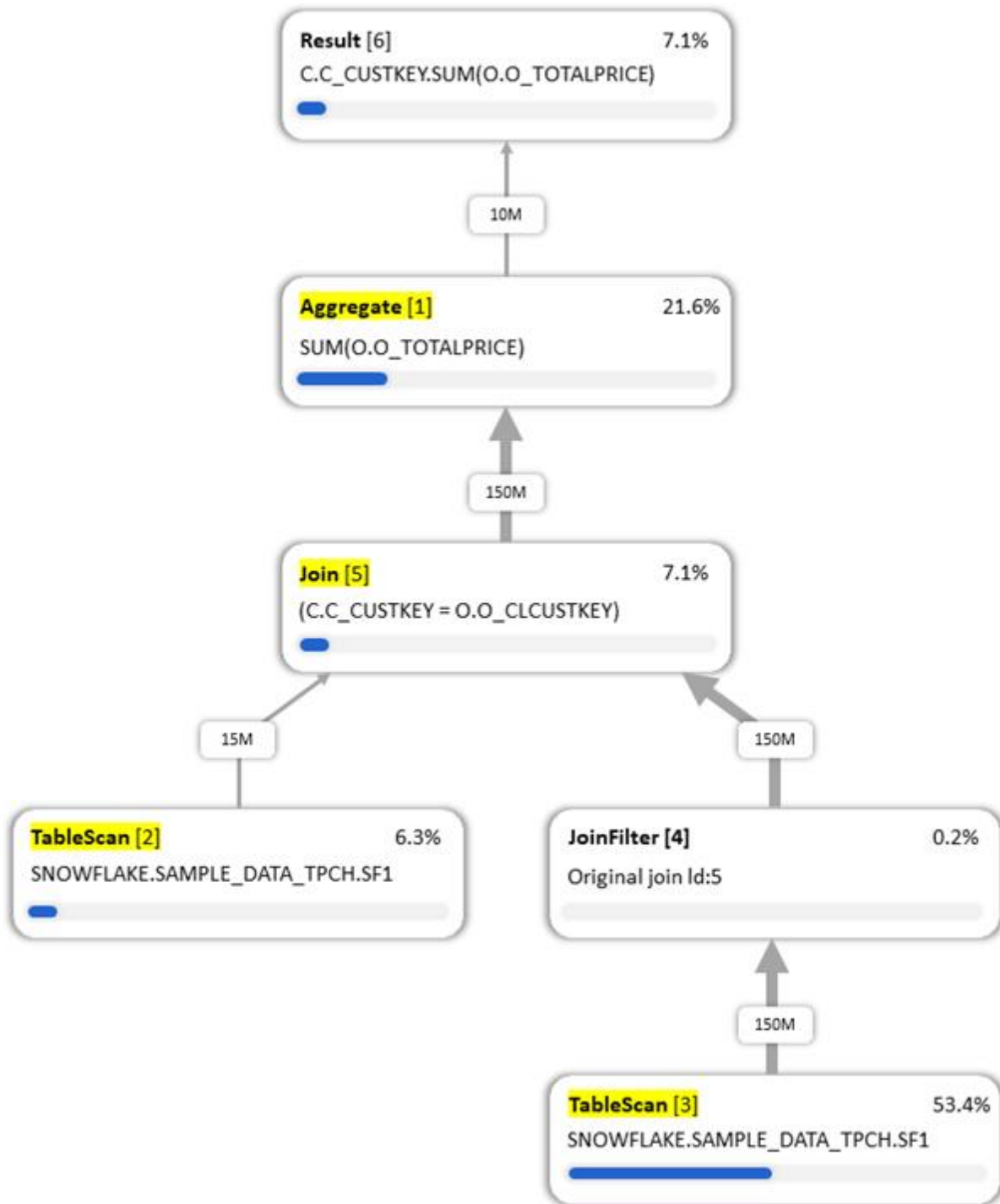
- A. Directory table
- B. Temporary table
- C. Transient table
- D. A table with a materialized view

Answer: A

Question #745

The Query Profile in the image is for a query executed in Snowsight. Four of the key nodes are highlighted in yellow. Which highlighted node will be the MOST expensive?

- A. Aggregate[1]
- B. Join[5]
- C. TableScan[2]
- D. TableScan[3]



Answer: D

Question #746

What is a characteristic of the maintenance of a materialized view?

- A. Materialized views cannot be refreshed automatically.
- B. An additional set of scripts is needed to refresh data in materialized views.
- C. A materialized view is automatically refreshed by a Snowflake managed warehouse.
- D. A materialized view can be set up with the auto-refresh feature using the SQL SET command.

Answer: C

Question #747

Which command should be used to implement a masking policy that was already created in Snowflake?

- A. ALTER MASKING POLICY
- B. APPLY MASKING POLICY
- C. CREATE MASKING POLICY
- D. SET MASKING POLICY

Answer: D

Question #748

Which command should be used to unload all the rows from a table into one or more files in a named stage?

- A. COPY INTO
- B. GET
- C. INSERT INTO
- D. PUT

Answer: A

Question #749

Which statement accurately describes a characteristic of a materialized view?

- A. A materialized view can query only a single table.
- B. Data accessed through materialized views can be stale.
- C. Materialized view refreshes need to be maintained by the user.
- D. Querying a materialized view is slower than executing a query against the base table of the view.

Answer: A

Question #750

The use of which Snowflake table type will reduce costs when working with ETL workflows?

- A. External
- B. Permanent
- C. Temporary
- D. Transient

Answer: C

Question #751

A user wants to unload data from a relational table into a CSV file in an external stage. The table must be named exactly as specified by the user. Which file format option **MUST** be used to do this?

- A. encoding
- B. escape
- C. file_extension
- D. single

Answer: D

Question #752

Which account usage view in Snowflake can be used to identify the most-frequently accessed tables?

- A. Access_History
- B. Object_Dependencies
- C. Table_Storage_Metrics
- D. Tables

Answer: A

Question #753

What metadata does Snowflake store concerning all rows stored in a micro-partition? (Choose two.)

- A. A count of the number of total values in the micro-partition
- B. The range of values for each partition in the micro-partition
- C. The range of values for each of the rows in the micro-partition
- D. The range of values for each of the columns in the micro-partition
- E. The number of distinct values for each column in the micro-partition

Answer: DE

Question #754

What role has the privileges to create and manage data shares by default?

- A.
ACCOUNTADMIN
- B.
SECURITYADMIN
- C.
SYSADMIN
- D.
USERADMIN

Answer: A

Question #755

Which function determines the kind of value stored in a VARIANT column?

- A.
CHECK_JSON
- B.
IS_ARRAY
- C.
IS_JSON
- D.
TYPEOF

Answer: D

Question #756

What operation can be performed using Time Travel?

- A.
Restoring tables that have been dropped from a data share
- B.
Extending a permanent table's retention duration from 90 to 100 days
- C.
Creating a clone of an entire table at a specific point in the past from a permanent table
- D.
Disabling Time Travel for a specific object by setting DATA_RETENTION_TIME_IN_DAYS to NULL

Answer: C

Question #757

What are characteristics of Snowflake directory tables? (Choose two.)

- A.
Directory tables are separate database objects.
- B.
Directory tables can only be used with an external stage.
- C.
Directory tables contain copies of staged files in binary format.
- D.
Directory tables store file-level metadata about the data files in a stage.
- E.
A directory table can be added to a stage when the stage is created, or later.

Answer: DE

Question #758

What does the VARIANT data type impose a 16 MB size limit on?

- A.
All rows
- B.
All columns
- C.
Individual rows
- D.
Individual columns

Answer: C

Question #759

Which activities are included in the Cloud Services layer? (Choose two.)

- A.
Data storage
- B.
Dynamic data masking
- C.
Partition scanning
- D.
User authentication
- E.
Infrastructure management

Answer: DE

Question #760

What does the "percentage scanned from cache" represent in the Query Profile?

- A.
The percentage of data scanned from the query cache
- B.
The percentage of data scanned from the result cache
- C.
The percentage of data scanned from the remote disk cache
- D.
The percentage of data scanned from the local disk cache

Answer: D

Question #761

Which role has the ability to create a share from a shared database by default?

- A.
ACCOUNTADMIN
- B.
SECURITYADMIN
- C.
SYSADMIN
- D.
ORGADMIN

Answer: A

Question #762

Which object-level parameters can be set to help control query processing and concurrency? (Choose two).

- A. MAX_CONCURRENCY_LEVEL
- B. DATA_RETENTION_TIME_IN_DAYS
- C. MIN_DATA_RETENTION_TIME_IN_DAYS
- D. STATEMENT_TIMEOUT_IN_SECONDS
- E. STATEMENT_QUEUED_TIMEOUT_IN_SECONDS

Answer: DE

Question #763

What metadata does Snowflake store for rows in micro-partitions? (Choose two.)

- A. Range of values
- B. Distinct values
- C. Index values
- D. Sorted values
- E. Null values

Answer: AB

Question #764

What are valid sub-clauses to the OVER clause for a window function? (Choose two.)

- A. GROUP BY
- B. LIMIT
- C. ORDER BY
- D. PARTITION BY
- E. UNION ALL

Answer: CD

Question #765

Which kind of Snowflake table stores file-level metadata for each file in a stage?

- A. Directory
- B. External
- C. Temporary
- D. Transient

Answer: A

Question #766

Which privileges apply to stored procedures? (Choose two.)

- A.
MODIFY
- B.
MONITOR
- C.
OPERATE
- D.
OWNERSHIP
- E.
USAGE

Answer: DE

Question #767

What column type does a Kafka connector store formatted information in a single column?

- A.
ARRAY
- B.
OBJECT
- C.
VARCHAR
- D.
VARIANT

Answer: D

Question #768

If a size Small virtual warehouse costs two credits per hour, what is the credit cost per hour of a size Large virtual warehouse?

- A.
4
- B.
8
- C.
16
- D.
32

Answer: B

Question #769

Which SQL command will list the files in a named stage?

- A.
list @~;
- B.
get @%mytable;
- C.
list @my_stage;
- D.
get @my_stage;

Answer: C

Question #770

What is the effect of configuring a virtual warehouse auto-suspend value to '0'?

- A.
The warehouse will never suspend.
- B.
The warehouse will suspend immediately upon work completion.
- C.
The warehouse will not resume automatically.
- D.
All clusters in the multi-cluster warehouse will resume immediately.

Answer: A

Question #771

Which data types can be used in Snowflake to store semi-structured data? (Choose two.)

- A.
ARRAY
- B.
BLOB
- C.
CLOB
- D.
JSON
- E.
VARIANT

Answer: AE

Question #772

While attempting to avoid data duplication, which COPY INTO option should be used to load files with expired load metadata?

- A.
LOAD_UNCERTAIN_FILES
- B.
FORCE
- C.
VALIDATION_MODE
- D.
LAST_MODIFIED

Answer: A

Question #773

What service is provided as an integrated Snowflake feature to enhance Multi-Factor Authentication (MFA) support?

- A.
Duo Security
- B.
OAuth
- C.
Okta
- D.
Single Sign-On (SSO)

Answer: A

Question #774

What is the impact on queries that are being executed when a resource monitor set to the "Notify & Suspend" threshold level is exceeded?

- A.
All statements being executed are queued.
- B.
All statements being executed are restarted.
- C.
All statements being executed are cancelled.
- D.
All statements being executed are completed.

Answer: D

Question #775

What tasks can an account administrator perform in the Data Exchange? (Choose two.)

- A.
Add and remove members.
- B.
Delete data categories.
- C.
Approve and deny listing approval requests.
- D.
Transfer listing ownership.
- E.
Transfer ownership of a provider profile.

Answer: AC

Question #776

Which types of subqueries does Snowflake support? (Choose two.)

- A.
Uncorrelated scalar subqueries in WHERE clauses
- B.
Uncorrelated scalar subqueries in any place that a value expression can be used
- C.
EXISTS, ANY / ALL, and IN subqueries in WHERE clauses: these subqueries can be uncorrelated only
- D.
EXISTS, ANY / ALL, and IN subqueries in WHERE clauses: these subqueries can be correlated only
- E.
EXISTS, ANY / ALL, and IN subqueries in WHERE clauses: these subqueries can be correlated or uncorrelated

Answer: BE

Question #777

How can network and private connectivity security be managed in Snowflake?

- A.
By setting up network policies with IPv4 IP addresses
- B.
By putting the Snowflake URL on the allowed list for get method responses
- C.
By manually setting up vulnerability patch management policies
- D.
By manually setting up an Intrusion Prevention System (IPS) on each account

Answer: A

Question #778

What consideration should be made when loading data into Snowflake?

- A.
Create small data files and stage them in cloud storage frequently.
- B.
Create large data files to maximize the processing overhead for each file.
- C.
The number of load operations that run in parallel can exceed the number of data files to be loaded.
- D.
The number of data files that are processed in parallel is determined by the virtual warehouse.

Answer: D

Question #779

How can a user improve the performance of a single large complex query in Snowflake?

- A.
Scale up the virtual warehouse.
- B.
Scale out the virtual warehouse.
- C.
Enable standard warehouse scaling.
- D.
Enable economy warehouse scaling.

Answer: A

Question #780

Who can access a referenced file through a scoped URL?

- A.
Only the ACCOUNTADMIN
- B.
Only the user who generates the URL
- C.
Any role specified in the GET REST API call with sufficient privileges
- D.
Any user specified in the GET REST API call with sufficient privileges

Answer: B

Question #781

Snowflake will return an error when a user attempts to share which object?

- A.
Tables
- B.
Secure views
- C.
Standard views
- D.
Secure materialized views

Answer: C

Question #782

What setting in Snowsight determines the databases, tables, and other objects that can be seen and the actions that can be performed on them?

- A.
Active role
- B.
Masking policy
- C.
Column-level security
- D.
Multi-Factor Authentication (MFA)

Answer: A

Question #783

Why would a Snowflake user decide to use a materialized view instead of a regular view?

- A.
The base tables do not change frequently.
- B.
The results of the view change often.
- C.
The query is not resource intensive.
- D.
The query results are not used frequently.

Answer: A

Question #784

When a database is cloned, which objects in the clone inherit all granted privileges from the source object? (Choose two.)

- A.
Account
- B.
Database
- C.
Schemas
- D.
Tables
- E.
Internal named stages

Answer: CD

Question #785

How does the Access_History view enhance overall data governance pertaining to read and write operations? (Choose two.)

- A.
Shows how the accessed data was moved from the source to the target objects
- B.
Provides a unified picture of what data was accessed and when it was accessed
- C.
Protects sensitive data from unauthorized access while allowing authorized users to access it at query runtime
- D.
Identifies columns with personal information and tags them so masking policies can be applied to protect sensitive data
- E.
Determines whether a given row in a table can be accessed by the user by filtering the data based on a given policy

Answer: AB

Question #786

What does Snowflake recommend a user do if they need to connect to Snowflake with a tool or technology that is not listed in Snowflake's partner ecosystem?

- A.
Use Snowflake's native API.
- B.
Use a custom-built connector.
- C.
Contact Snowflake Support for a new driver.
- D.
Connect through Snowflake's JDBC or ODBC drivers.

Answer: D

Question #787

What is the expiration period for a file URL used to access unstructured data in cloud storage?

- A.
The remainder of the session
- B.
An unlimited amount of time
- C.
The length of time specified in the `expiration_time` argument
- D.
The same length of time as the expiration period for the query results cache

Answer: B

Question #788

Which applications can use key pair authentication? (Choose two).

- A.
Snowflake Marketplace
- B.
SnowCD
- C.
Snowsight
- D.
SnowSQL
- E.
Snowflake connector for Python

Answer: DE

Question #789

Which commands can only be executed using SnowSQL? (Choose two.)

- A.
COPY INTO
- B.
GET
- C.
LIST
- D.
PUT
- E.
REMOVE

Answer: BD

Question #790

A user has enabled the STRIP_OUTER_ARRAY file format option for the COPY INTO {table} command to remove the outer array structure.

What else will this format option and command do?

- A.
Load the records into separate table rows.
- B.
Unload the records from separate table rows.
- C.
Export data files in smaller chunks.
- D.
Ensure each unique element stores values of a single native data type.

Answer: A

Question #791

Which objects will incur storage costs associated with Fail-safe?

- A.
External tables
- B.
Permanent tables
- C.
Data files available in internal stages
- D.
Data files available in external stages

Answer: B

Question #792

What technique does Snowflake use to limit the number of micro-partitions scanned by each query?

- A.
B-tree
- B.
Indexing
- C.
Map-reduce
- D.
Pruning

Answer: D

Question #793

What activities can a user with the ORGADMIN role perform? (Choose two.)

- A.
Create INFORMATION_SCHEMA in a database.
- B.
View usage information for all accounts in the organization.
- C.
Enable database cloning for an account in the organization.
- D.
Enable database replication for an account in the organization.
- E.
View micro-partition information for all accounts in the organization.

Answer: BD

Question #794

In a managed access schema, who can grant privileges on objects in the schema to other roles? (Choose two.)

- A.
The schema owner role
- B.
The ORGADMIN system role
- C.
The USERADMIN system role
- D.
The role with the MANAGE GRANTS privilege
- E.
The role that owns the object in the schema

Answer: AD

Question #795

What are the recommended steps to address poor SQL query performance due to data spilling? (Choose two.)

- A.
Clone the base table.
- B.
Fetch required attributes only.
- C.
Use a larger virtual warehouse.
- D.
Process the data in smaller batches.
- E.
Add another cluster in the virtual warehouse.

Answer: CD

Question #796

A Snowflake user wants to share unstructured data through the use of secure views.

Which URL types can be used? (Choose two.)

- A.
Scoped URL
- B.
HTTPS URL
- C.
Cloud storage URL
- D.
File URL
- E.
Pre-signed URL

Answer: AE

Question #797

What are characteristics of reader accounts in Snowflake? (Choose two.)

- A.
Reader account users cannot add new data to the account.
- B.
Reader account users can share data to other reader accounts.
- C.
A single reader account can consume data from multiple provider accounts.
- D.
Data consumers are responsible for reader account setup and data usage costs.
- E.
Reader accounts enable data consumers to access and query data shared by the provider.

Answer: AE

Question #798

Why should a Snowflake user configure a secure view? (Choose two.)

- A.
To encrypt the data in transit
- B.
To execute faster than a standard view
- C.
To protect hidden data from other users
- D.
To improve the performance of a query
- E.
To hide the view definition from other users

Answer: CE

Question #799

Which activities are managed by Snowflake's Cloud Services layer? (Choose two.)

- A.
Authentication
- B.
Access delegation
- C.
Data pruning
- D.
Data compression
- E.
Query parsing and optimization

Answer: AE

Question #800

The COPY INTO

command can unload data from a table directly into which locations? (Choose two.)

- A.
A named internal stage
- B.
A Snowpipe REST endpoint
- C.
A network share on a client machine
- D.
A local directory or folder on a client machine
- E.
A named external stage that references an external cloud location

Answer: AE

Question #801

What does the Activity area of Snowsight allow users to do? (Choose two.)

- A.
Schedule automated data backups.
- B.
Explore each step of an executed query.
- C.
Monitor queries executed by users in an account.
- D.
Create and manage user roles and permissions.
- E.
Access Snowflake Marketplace to find and integrate datasets.

Answer: BC

Question #802

In which Snowsight section can a user switch roles, modify their profile, and access documentation?

- A.
The user menu
- B.
The activity page
- C.
The content pane
- D.
The worksheets page

Answer: A

Question #803

What is the recommended way to change the existing file format type in my_format from CSV to JSON?

- A.
ALTER FILE FORMAT my_format SET TYPE=JSON;
- B.
ALTER FILE FORMAT my_format SWAP TYPE WITH JSON;
- C.
CREATE OR REPLACE FILE FORMAT my_format TYPE=JSON;
- D.
REPLACE FILE FORMAT my_format TYPE=JSON;

Answer: C

Question #804

Which features are included in Snowsight? (Choose two.)

- A.
Worksheet sharing
- B.
Referencing SnowSQL
- C.
Exploring the Snowflake Marketplace
- D.
Changing the Snowflake account cloud provider
- E.
Downloading query result data larger than 100 MB

Answer: AC

Question #805

How long can a data consumer who has a pre-signed URL access data files using Snowflake?

- A.
Indefinitely
- B.
Until the result_cache expires
- C.
Until the retention_time is met
- D.
Until the expiration_time is exceeded

Answer: D

Question #806

What mechanisms can be used to inform Snowpipe that there are staged files available to load into a Snowflake table? (Choose two.)

- A. Cloud messaging
- B. Email integrations
- C. Error notifications
- D. REST endpoints
- E. Snowsight interactions

Answer: AD

Question #807

A Snowflake user needs to import a JSON file larger than 16 MB. What file format option could be used?

- A. trim_space = true
- B. compression = auto
- C. strip_outer_array = true
- D. strip_outer_array = false

Answer: C

Question #808

What is a feature of column-level security in Snowflake?

- A. Role access policies
- B. Network policies
- C. Internal tokenization
- D. External tokenization

Answer: D

Question #809

Which common query problems can the Query Profile help a user identify and troubleshoot? (Choose two.)

- A. When window functions are used incorrectly
- B. When there are exploding joins
- C. When there is a UNION without ALL
- D. When the SELECT DISTINCT command returns too many values
- E. When there are Common Table Expressions (CTEs) without a final SELECT statement

Answer: BC

Question #810

What is the Fail-safe retention period for transient and temporary tables?

- A.
0 days
- B.
1 day
- C.
7 days
- D.
90 days

Answer: A

Question #811

Which Snowflake features can be enabled by calling the SYSTEM\$GLOBAL_ACCOUNT_SET_PARAMETER function by a user with the ORGADMIN role? (Choose two.)

- A.
Clustering
- B.
Client redirect
- C.
Fail-safe
- D.
Search optimization service
- E.
Account and database replication

Answer: BE

Question #812

What are characteristics of directory tables when used with unstructured data? (Choose two.)

- A.
Only cloud storage stages support directory tables.
- B.
Each directory table has grantable privileges of its own.
- C.
Directory tables store a catalog of staged files in cloud storage.
- D.
A directory table can be added explicitly to a stage when the stage is created.
- E.
A directory table is a separate database object that can be layered explicitly on a stage.

Answer: CD

Question #813

Snowflake best practice recommends that which role be used to enforce a network policy on a Snowflake account?

- A.
ACCOUNTADMIN
- B.
SECURITYADMIN
- C.
SYSADMIN
- D.
USERADMIN

Answer: B

Question #814

What is the default behavior of internal stages in Snowflake?

- A.
Named internal stages are created by default.
- B.
Users must manually create their own internal stages.
- C.
Data files are automatically staged to a default location.
- D.
Each user and table are automatically allocated an internal stage.

Answer: D

Question #815

The MAXIMUM size for a serverless task run is equivalent to what size virtual warehouse?

- A.
Medium
- B.
Large
- C.
2X-Large
- D.
4X-Large

Answer: C

Question #816

What storage cost is completely eliminated when a Snowflake table is defined as transient?

- A.
Active
- B.
Fail-safe
- C.
Staged
- D.
Time Travel

Answer: B

Question #817

How can a Snowflake user traverse semi-structured data?

- A.
Insert a colon (:) between the VARIANT column name and any first-level element.
- B.
Insert a colon (:) between the VARIANT column name and any second-level element.
- C.
Insert a double colon (::) between the VARIANT column name and any first-level element.
- D.
Insert a double colon (::) between the VARIANT column name and any second-level element.

Answer: A

Question #818

Based on Snowflake recommendations, when creating a hierarchy of custom roles, the top-most custom role should be assigned to which role?

- A.
ACCOUNTADMIN
- B.
SECURITYADMIN
- C.
SYSADMIN
- D.
USERADMIN

Answer: C

Question #819

What happens to the privileges granted to Snowflake system-defined roles?

- A.
The privileges cannot be revoked.
- B.
The privileges can be revoked by an ACCOUNTADMIN.
- C.
The privileges can be revoked by an ORGADMIN.
- D.
The privileges can be revoked by any user-defined role with appropriate privileges.

Answer: A

Question #820

By default, which role allows a user to manage a Snowflake Data Exchange share?

- A.
ACCOUNTADMIN
- B.
SECURITYADMIN
- C.
SYSADMIN
- D.
USERADMIN

Answer: A

Question #821

How does the PARTITION BY option affect an expression for a COPY INTO command?

- A.
The unload operation partitions table rows into separate files unloaded to the specified table.
- B.
The unload operation partitions table rows into separate files unloaded to the specified stage.
- C.
A single file will be loaded with a user-defined partition key and the user can use this partition key for clustering.
- D.
A single file will be loaded with a Snowflake-defined partition key and Snowflake will use this key for pruning.

Answer: B

Question #822

How does Snowflake improve the performance of queries that are designed to filter out a significant amount of data?

- A.
The use of indexing
- B.
The use of pruning
- C.
The use of TableScan
- D.
By increasing the number of partitions scanned

Answer: B

Question #823

A JSON document is stored in the source_column of type VARIANT. The document has an array called elements. The array contains the name key that has a string value.

How can a Snowflake user extract the name from the first element?

- A.
source_column.elements[1]:name
- B.
source_column.elements[0]:name
- C.
source_column:elements[1].name
- D.
source_column:elements[0].name

Answer: D

Question #824

Which function should be used to insert JSON formatted string data into a VARIANT field?

- A.
FLATTEN
- B.
CHECK_JSON
- C.
PARSE_JSON
- D.
TO_VARIANT

Answer: C

Question #825

Which permission on a Snowflake virtual warehouse allows the role to resize the warehouse?

- A.
ALTER
- B.
MODIFY
- C.
MONITOR
- D.
USAGE

Answer: B

Question #826

What is it called when a customer managed key is combined with a Snowflake managed key to create a composite key for encryption?

- A. Hierarchical key model
- B. Client-side encryption
- C. Tri-secret secure encryption
- D. Key pair authentication

Answer: C

Question #827

What is the COPY INTO command option default for unloading data into multiple files?

- A. SINGLE = 0
- B. SINGLE = NULL
- C. SINGLE = TRUE
- D. SINGLE = FALSE

Answer: D

Question #828

A size 3X-Large multi-cluster warehouse runs one cluster for one full hour and then runs two clusters for the next full hour. What would be the total number of credits billed?

- A. 64
- B. 128
- C. 149
- D. 192

Answer: D

Question #829

What is the impact of increasing the number of concurrent users on a Snowflake virtual warehouse?

- A. Improved performance for small, simple queries
- B. Improved performance for large, complex queries
- C. Decreased performance for large, complex queries
- D. Decreased consumption of Snowflake credits

Answer: C

Question #830

By default, how long is the standard retention period for Time Travel across all Snowflake accounts?

- A.
0 days
- B.
1 day
- C.
7 days
- D.
14 days

Answer: B

Question #831

What type of query will benefit from the query acceleration service?

- A.
Queries without filters or aggregation
- B.
Queries with large scans and selective filters
- C.
Queries where the GROUP BY has high cardinality
- D.
Queries of tables that have search optimization service enabled

Answer: B

Question #832

How does the search optimization service help Snowflake users improve query performance?

- A.
It scans the micro-partitions based on the joins used in the queries and scans only join columns.
- B.
It maintains a persistent data structure that keeps track of the values of the table's columns in each of its micro-partitions.
- C.
It scans the local disk cache to avoid scans on the tables used in the query.
- D.
It keeps track of running queries and their results and saves those extra scans on the table.

Answer: B

Question #833

What can be done to reduce queueing on a virtual warehouse?

- A.
Increase the AUTO_SUSPEND setting for the warehouse.
- B.
Change the warehouse to a multi-cluster warehouse.
- C.
Increase the warehouse size.
- D.
Lower the MAX_CONCURRENCY_LEVEL setting for the warehouse.

Answer: B

Question #834

What are characteristics of Snowsight worksheets? (Choose two.)

- A. Worksheets can be grouped under folders, and a folder of folders.
- B. Each worksheet is a unique Snowflake session.
- C. Users are limited to running only one query on a worksheet.
- D. The Snowflake session ends when a user switches worksheets.
- E. Users can import worksheets and share them with other users.

Answer: BE

Question #835

What are reasons for using the VALIDATE function in Snowflake after a COPY INTO command execution? (Choose two.)

- A. To validate the files that have been loaded earlier using the COPY INTO command
- B. To fix errors that were made during the execution of the COPY INTO command
- C. To return errors encountered during the execution of the COPY INTO command
- D. To identify potential issues in the COPY INTO command before it is executed
- E. To count the number of errors encountered during the execution of the COPY INTO command

Answer: AC

Question #836

Which types of URLs are provided by Snowflake to access unstructured data files? (Choose two).

- A. Absolute URL
- B. Dynamic URL
- C. File URL
- D. Relative URL
- E. Scoped URL

Answer: CE

Question #837

Which query will return a sample of a table with 1000 rows named testtable, in which each row has a 10% probability of being included in the sample?

- A. `select * from testtable sample (0.1);`
- B. `select * from testtable sample (10);`
- C. `select * from testtable sample (0.1 rows);`
- D. `select * from testtable sample (10 rows);`

Answer: B

Question #838

Which system function can be used to manage access to the data in a share and display certain data only to paying customers?

- A.
SYSTEM\$ALLOWLIST
- B.
SYSTEM\$ALLOWLIST_PRIVATELINK
- C.
SYSTEM\$AUTHORIZE_PRIVATELINK
- D.
SYSTEM\$IS_LISTING_PURCHASED

Answer: D

Question #839

Which Snowflake object does not consume any storage costs?

- A.
Secure view
- B.
Materialized view
- C.
Temporary table
- D.
Transient table

Answer: A

Question #840

What does the LATERAL modifier for the FLATTEN function do?

- A.
Casts the values of the flattened data
- B.
Extracts the path of the flattened data
- C.
Joins information outside the object with the flattened data
- D.
Retrieves a single instance of a repeating element in the flattened data

Answer: C

Question #841

How can a Snowflake user validate data that is unloaded using the COPY INTO command?

- A.
Load the data into a CSV file.
- B.
Load the data into a relational table.
- C.
Use the VALIDATION_MODE = SQL statement.
- D.
Use the VALIDATION_MODE = RETURN_ROWS statement.

Answer: D

Question #842

What role in Snowflake separates the management of users and roles from the management of all grants?

- A. ACCOUNTADMIN
- B. SYSADMIN
- C. SECURITYADMIN
- D. USERADMIN

Answer: D

Question #843

Which command will unload data from a table into an external stage?

- A. PUT
- B. INSERT
- C. COPY INTO
- D. GET

Answer: C

Question #844

Why is a federated environment used for user authentication in Snowflake?

- A. To enhance data security and privacy
- B. To provide real-time monitoring of user activities
- C. To separate user authentication from user access
- D. To enable direct integration with external databases

Answer: C

Question #845

What will happen if a Snowflake user increases the size of a suspended virtual warehouse?

- A. The provisioning of new compute resources for the warehouse will begin immediately.
- B. The warehouse will remain suspended but new resources will be added to the query acceleration service.
- C. The provisioning of additional compute resources will be in effect when the warehouse is next resumed.
- D. The warehouse will resume immediately and start to share the compute load with other running virtual warehouses.

Answer: C

Question #846

The VALIDATE table function has which parameter as an input argument for a Snowflake user?

- A. LAST_QUERY_ID
- B. CURRENT_STATEMENT
- C. UUID_STRING
- D. JOB_ID

Answer: D

Question #847

Which Snowflake edition supports Protected Health Information (PHI) data (in accordance with HIPAA and HITRUST CSF regulations), and has a dedicated metadata store and pool of compute resources?

- A. Standard
- B. Enterprise
- C. Business Critical
- D. Virtual Private Snowflake (VPS)

Answer: D

Question #848

Which Snowflake table types are used to manage costs for short-lived tables? (Choose two.)

- A. External tables
- B. Permanent tables
- C. Shared tables
- D. Temporary tables
- E. Transient tables

Answer: DE

Question #849

What are key characteristics of virtual warehouses in Snowflake? (Choose two.)

- A. Warehouses that are multi-cluster can have nodes of different sizes.
- B. Warehouses can be started and stopped at any time.
- C. Warehouses can be resized at any time, even while running.
- D. Warehouses are billed on a per-minute usage basis.
- E. Warehouses can only be used for querying and cannot be used for data loading.

Answer: BC

Question #850

What strategies can be used to optimize the performance of a virtual warehouse? (Choose two.)

- A.
Reduce queuing.
- B.
Allow memory spillage.
- C.
Increase the MAX_CONCURRENCY_LEVEL parameter.
- D.
Increase the warehouse size.
- E.
Suspend the warehouse frequently.

Answer: AD

Question #851

How are privileges inherited in a role hierarchy in Snowflake?

- A.
Privileges are inherited by any roles above that role in the hierarchy.
- B.
Privileges are inherited by any roles at the same level in the hierarchy.
- C.
Privileges are only inherited by the direct parent role in the hierarchy.
- D.
Privileges are only inherited by the direct child role in the hierarchy.

Answer: C

Question #852

At what level can the ALLOW_CLIENT_MFA_CACHING parameter be set?

- A.
Account
- B.
Role
- C.
Session
- D.
User

Answer: A

Question #853

What entity is responsible for hosting and sharing data in Snowflake?

- A.
Data provider
- B.
Data consumer
- C.
Reader account
- D.
Managed account

Answer: A

Question #854

Which function will provide the proxy information needed to protect Snowsight?

- A.
SYSTEM\$GET_TAG
- B.
SYSTEM\$GET_PRIVATELINK
- C.
SYSTEM\$ALLOWLIST
- D.
SYSTEM\$AUTHORIZE_PRIVATELINK

Answer: C

Question #855

The property MINS_TO_BYPASS_NETWORK_POLICY is set at which level?

- A.
User
- B.
Role
- C.
Account
- D.
Organization

Answer: A

Question #856

When unloading the data for file format type specified (TYPE = 'CSV'), SQL NULL can be converted to string 'null' using which file format option?

- A.
SKIP_BYTE_ORDER_MARK
- B.
EMPTY_FIELD_AS_NULL
- C.
NULL_IF
- D.
ESCAPE_UNENCLOSED_FIELD

Answer: C

Question #857

Which table function should be used to view details on a Directed Acyclic Graph (DAG) run that is presently scheduled or is executing?

- A.
TASK_HISTORY
- B.
TASK_DEPENDENTS
- C.
CURRENT_TASK_GRAPHS
- D.
COMPLETE_TASK_GRAPHS

Answer: C

Question #858

What Snowflake database object is derived from a query specification, stored for later use, and can speed up expensive aggregation on large data sets?

- A.
Temporary table
- B.
External table
- C.
Secure view
- D.
Materialized view

Answer: D

Question #859

User1, who has the SYSADMIN role, executed a query on Snowsight. User2, who is in the same Snowflake account, wants to view the result set of the query executed by User1 using the Snowsight query history. What will happen if User2 tries to access the query history?

- A.
If User2 has the SYSADMIN role they will be able to see the results.
- B.
If User2 has the SECURITYADMIN role they will be able to see the results.
- C.
If User2 has the ACCOUNTADMIN role they will be able to see the results.
- D.
User2 will be unable to view the result set of the query executed by User1.

Answer: D

Question #860

A permanent table and temporary table have the same name, TBL1, in a schema. What will happen if a user executes select * from TBL1;?

- A.
The temporary table will take precedence over the permanent table.
- B.
The permanent table will take precedence over the temporary table.
- C.
An error will say there cannot be two tables with the same name in a schema.
- D.
The table that was created most recently will take precedence over the older table.

Answer: A

Question #861

The effects of query pruning can be observed by evaluating which statistics? (Choose two.)

- A.
Partitions scanned
- B.
Partitions total
- C.
Bytes scanned
- D.
Bytes read from result
- E.
Bytes written

Answer: AB

Question #862

Which data types optimally store semi-structured data? (Choose two.)

- A.
ARRAY
- B.
CHARACTER
- C.
STRING
- D.
VARCHAR
- E.
VARIANT

Answer: AE

Question #863

What compute resource is used when loading data using Snowpipe?

- A.
Snowpipe uses virtual warehouses provided by the user.
- B.
Snowpipe uses an Apache Kafka server for its compute resources.
- C.
Snowpipe uses compute resources provided by Snowflake.
- D.
Snowpipe uses cloud platform compute resources provided by the user.

Answer: C

Question #864

Which file function gives a user or application access to download unstructured data from a Snowflake stage?

- A.
BUILD_SCOPED_FILE_URL
- B.
BUILD_STAGE_FILE_URL
- C.
GET_PREIGNED_URL
- D.
GET_STAGE_LOCATION

Answer: C

Question #865

By default, which role can create resource monitors?

- A.
ACCOUNTADMIN
- B.
SECURITYADMIN
- C.
SYSADMIN
- D.
USERADMIN

Answer: A

Question #866

Which DDL/DML operation is allowed on an inbound data share?

- A.
ALTER TABLE
- B.
INSERT INTO
- C.
MERGE
- D.
SELECT

Answer: D

Question #867

Which types of charts does Snowsight support? (Choose two.)

- A.
Area charts
- B.
Bar charts
- C.
Column charts
- D.
Radar charts
- E.
Scorecards

Answer: BE

Question #868

Which role in Snowflake allows a user to enable replication for multiple accounts?

- A.
ACCOUNTADMIN
- B.
SECURITYADMIN
- C.
SYSADMIN
- D.
ORGADMIN

Answer: D

Question #869

Which Snowflake tool is recommended for data batch processing?

- A.
SnowCD
- B.
SnowSQL
- C.
Snowsight
- D.
The Snowflake API

Answer: B

Question #870

Which Snowflake mechanism is used to limit the number of micro-partitions scanned by a query?

- A. Caching
- B. Cluster depth
- C. Query pruning
- D. Retrieval optimization

Answer: C

Question #871

While clustering a table, columns with which data types can be used as clustering keys? (Choose two.)

- A. BINARY
- B. GEOGRAPHY
- C. GEOMETRY
- D. OBJECT
- E. VARIANT

Answer: AC

Question #872

Which use case does the search optimization service support?

- A. Disjuncts (OR) in join predicates
- B. LIKE/ILIKE/RLIKE join predicates
- C. Join predicates on VARIANT columns
- D. Conjunctions (AND) of multiple equality predicates

Answer: D

Question #873

What should be used when creating a CSV file format where the columns are wrapped by single quotes or double quotes?

- A. BINARY_FORMAT
- B. ESCAPE_UNENCLOSED_FIELD
- C. FIELD_OPTIONALLY_ENCLOSED_BY
- D. SKIP_BYTE_ORDER_MARK

Answer: C

Question #874

If a multi-cluster warehouse is using an economy scaling policy, how long will queries wait in the queue before another cluster is started?

- A.
1 minute
- B.
2 minutes
- C.
6 minutes
- D.
8 minutes

Answer: C

Question #875

What does the Table Scan operator represent in the Query Profile?

- A.
The access to a single table
- B.
The access to data stored in stage objects
- C.
The list of values provided with the VALUES clause
- D.
The records generated using the TABLE(GENERATOR(...)) construct

Answer: A

Question #876

What information is found within the Statistic output in the Query Profile Overview?

- A.
Operator tree
- B.
Table pruning
- C.
Most expensive nodes
- D.
Nodes by execution time

Answer: B

Question #877

Which roles can make grant decisions to objects within a managed access schema? (Choose two.)

- A.
ACCOUNTADMIN
- B.
SECURITYADMIN
- C.
SYSADMIN
- D.
ORGADMIN
- E.
USERADMIN

Answer: AB

Question #878

How can a Snowflake user post-process the result of SHOW FILE FORMATS?

- A. Use the RESULT_SCAN function.
- B. Create a CURSOR for the command.
- C. Put it in the FROM clause in brackets.
- D. Assign the command to RESULTSET.

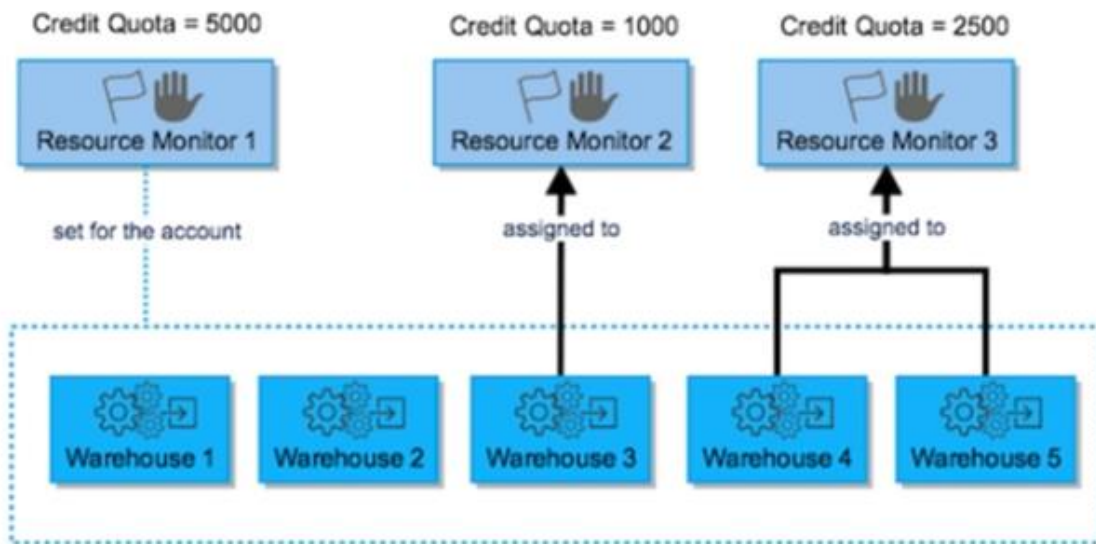
Answer: A

Question #879

A Snowflake account administrator has set the resource monitors as shown in the diagram, with actions defined for each resource monitor as "Notify & Suspend Immediately".

What is the MAXIMUM limit of credits that Warehouse 2 can consume?

- A. 0
- B. 1500
- C. 3500
- D. 5000



Answer: B

Question #880

When initially creating an account in Snowflake, which settings can be specified? (Choose two.)

- A. Account name
- B. Organization name
- C. Account locator
- D. Region
- E. Snowflake edition

Answer: AE

Question #881

What activities can a user with the ORGADMIN role perform? (Choose two.)

- A.
Create an account for an organization.
- B.
Edit the account data for an organization.
- C.
Delete the account data for an organization.
- D.
View usage information for all accounts in an organization.
- E.
Select all the data in tables for all accounts in an organization.

Answer: AD

Question #882

What is one of the benefits of using a multi-cluster virtual warehouse?

- A.
It will speed up data loading.
- B.
It will reduce the cost of running the warehouse.
- C.
It will automatically increase the warehouse size as needed.
- D.
It will automatically start and stop additional clusters as needed.

Answer: D

Question #883

When should a multi-cluster virtual warehouse be used in Snowflake?

- A.
When queuing is delaying query execution on the warehouse
- B.
When there is significant disk spilling shown on the Query Profile
- C.
When dynamic vertical scaling is being used in the warehouse
- D.
When there are no concurrent queries running on the warehouse

Answer: A

Question #884

What is used to denote a pre-computed data set derived from a SELECT query specification and stored for later use?

- A.
View
- B.
Secure view
- C.
Materialized view
- D.
External table

Answer: C

Question #885

A Snowflake user wants to temporarily bypass a network policy by configuring the user object property `MINS_TO_BYPASS_NETWORK_POLICY`.

What should they do?

- A.
Use the SECURITYADMIN role.
- B.
Use the SYSADMIN role.
- C.
Use the USERADMIN role.
- D.
Contact Snowflake Support.

Answer: D

Question #886

What is the default access of a securable object until other access is granted?

- A.
No access
- B.
Read access
- C.
Write access
- D.
Full access

Answer: A

Question #887

From what stage can a Snowflake user omit the FROM clause while loading data into a table?

- A.
The user stage
- B.
The table stage
- C.
The internal named stage
- D.
The external named stage

Answer: B

Question #888

What is used during the FIRST execution of SELECT COUNT(*) FROM ORDER?

- A.
Remote disk cache
- B.
Virtual warehouse cache
- C.
Cache result
- D.
Metadata-based result

Answer: D

Question #889

What is the purpose of a resource monitor in Snowflake?

- A.
To monitor the query performance of virtual warehouses
- B.
To create and suspend virtual warehouses automatically
- C.
To manage cloud services needed for virtual warehouses
- D.
To control costs and credit usage by virtual warehouses

Answer: D

Question #890

Which data formats are supported by Snowflake when unloading semi-structured data? (Choose two.)

- A. Binary file in Avro
- B. Binary file in Parquet
- C. Comma-separated JSON
- D. Newline Delimited JSON
- E. Plain text file containing XML elements

Answer: BD

Question #891

In Snowflake, the use of federated authentication enables which Single Sign-On (SSO) workflow activities? (Choose two.)

- A. Authorizing users
- B. Initiating user sessions
- C. Logging into Snowflake
- D. Logging out of Snowflake
- E. Performing role authentication

Answer: CD

Question #892

What does the worksheet and database explorer feature in Snowsight allow users to do?

- A. Add or remove users from a worksheet.
- B. Move a worksheet to a folder or a dashboard.
- C. Combine multiple worksheets into a single worksheet.
- D. Tag frequently accessed worksheets for ease of access.

Answer: B

Question #893

When unloading data from Snowflake to AWS, what permissions are required? (Choose two.)

- A. s3:DeleteObject
- B. s3:CopyObject
- C. s3:GetBucketAcl
- D. s3:PutObject
- E. s3:GetBucketLocation

Answer: AD

Question #894

What step can reduce data spilling in Snowflake?

- A.
Using a larger virtual warehouse
- B.
Increasing the virtual warehouse maximum timeout limit
- C.
Increasing the amount of remote storage for the virtual warehouse
- D.
Using a Common Table Expression (CTE) instead of a temporary table

Answer: A

Question #895

Which user preferences can be set for a user profile in Snowsight? (Choose two.)

- A.
Multi-Factor Authentication (MFA)
- B.
Default database
- C.
Default schema
- D.
Notifications
- E.
Username

Answer: AD

Question #896

What privilege is needed for a Snowflake user to see the definition of a secure view?

- A.
OWNERSHIP
- B.
MODIFY
- C.
CREATE
- D.
USAGE

Answer: A

Question #897

What general guideline does Snowflake recommend when setting the auto-suspension time limit?

- A.
Set tasks for immediate suspension.
- B.
Set tasks for suspension after 5 minutes.
- C.
Set query warehouses for suspension after 15 minutes.
- D.
Set query warehouses for suspension after 30 minutes.

Answer: B

Question #898

When does Snowflake automatically encrypt data that is loaded into Snowflake? (Choose two.)

- A.
After the data is micro-partitioned.
- B.
After loading the data into a table.
- C.
After loading the data into an internal stage.
- D.
After loading data into an external stage.
- E.
Only when using an encrypted stage.

Answer: BC

Question #899

When data is loaded into Snowflake, what formats does Snowflake use internally to store the data in cloud storage? (Choose two.)

- A.
Key-value
- B.
Columnar
- C.
Graph
- D.
Document
- E.
Compressed

Answer: BE

Question #900

What do temporary and transient tables have in common in Snowflake? (Choose two.)

- A.
Both tables have no Fail-safe period.
- B.
Both tables have data retention period maximums of one day.
- C.
Both tables are visible only to a single user session.
- D.
For both tables, the retention period ends when the tables are dropped.
- E.
For both tables, the retention period does not end when the session ends.

Answer: AB

Question #901

What are the least privileges needed to view and modify resource monitors? (Choose two.)

- A.
SELECT
- B.
OWNERSHIP
- C.
MONITOR
- D.
MODIFY
- E.
USAGE

Answer: CD

Question #902

When does a materialized view get suspended in Snowflake?

- A.
When a column is added to the base table
- B.
When a column is dropped from the base table
- C.
When a DML operation is run on the base table
- D.
When the base table is reclustered

Answer: B

Question #903

What happens when a Snowflake user changes the data retention period at the schema level?

- A.
All child objects will retain data for the new retention period.
- B.
All child objects that do not have an explicit retention period will automatically inherit the new retention period.
- C.
All child objects with an explicit retention period will be overridden with the new retention period.
- D.
All explicit child object retention periods will remain unchanged.

Answer: B

Question #904

Snowpark provides libraries for which programming languages? (Choose two.)

- A.
JavaScript
- B.
Python
- C.
Scala
- D.
R
- E.
C++

Answer: BC

Question #905

How can a Snowflake user sample 10 rows from a table named SNOWPRO? (Choose two.)

- A.
SELECT * FROM SNOWPRO SAMPLE SYSTEM (10)
- B.
SELECT * FROM SNOWPRO TABLESAMPLE (10 ROWS)
- C.
SELECT * FROM SNOWPRO TABLESAMPLE BLOCK (10)
- D.
SELECT * FROM SNOWPRO TABLESAMPLE BLOCK (10 ROWS)
- E.
SELECT * FROM SNOWPRO SAMPLE BERNOULLI (10 ROWS)

Answer: BE

Question #906

Why would a Snowflake user choose to use a transient table?

- A.
To store data for long-term analysis
- B.
To store large data files that are used frequently
- C.
To create a permanent table for ongoing use in ELT
- D.
To store transitory data that needs to be maintained beyond the session

Answer: D

Question #907

What does a masking policy consist of in Snowflake?

- A.
A single data type, with one or more conditions, and one or more masking functions
- B.
A single data type, with only one condition, and only one masking function
- C.
Multiple data types, with only one condition, and one or more masking functions
- D.
Multiple data types, with one or more conditions, and one or more masking functions

Answer: A

Question #908

What actions can be performed by a consumer account on a shared database? (Choose two.)

- A.
Cloning a shared table
- B.
Modifying the data in a shared table
- C.
Using Time Travel on a shared table
- D.
Executing the SELECT statement on a shared table
- E.
Joining the data from a shared table with another table

Answer: DE

Question #909

What data type is used to ingest semi-structured data into a Snowflake table?

- A.
BOOLEAN
- B.
NUMBER
- C.
VARBINARY
- D.
VARIANT

Answer: D

Question #910

Which security feature is used to connect or log in to a Snowflake account?

- A.
Network policy
- B.
SCIM
- C.
Role-Based Access Control (RBAC)
- D.
Key pair authentication

Answer: D

Question #911

Given the statement template below, which database objects can be added to a share? (Choose two.)

GRANT ON TO SHARE;

- A.
Secure functions
- B.
Stored procedures
- C.
Streams
- D.
Tables
- E.
Tasks

Answer: AD

Question #912

Which Snowflake feature or tool helps troubleshoot issues in SQL query expressions that commonly cause performance bottlenecks?

- A.
Persisted query results
- B.
QUERY_HISTORY view
- C.
Query acceleration service
- D.
Query Profile

Answer: D

Question #913

What is a non-configurable feature that provides historical data that Snowflake may recover during a 7-day period?

- A.
Fail-safe
- B.
Time Travel
- C.
Cloning
- D.
Account replication

Answer: A

Question #914

Which function should be used to authorize users to access rows in a base table when using secure views with Secure Data Sharing?

- A.CURRENT_ACCOUNT()
- B.CURRENT_ROLE()
- C.CURRENT_SESSION()
- D.CURRENT_USER()

Answer: A

Question #915

What is the purpose of collecting statistics on data in Snowflake?

- A.To identify data storage order correlations
- B.To enable efficient pruning based on query filters
- C.To reduce the total number of micro-partitions in a table
- D.To optimize query performance by reading all data in a table

Answer: B

Question #916

What type of function returns one value for each invocation?

- A.Aggregate
- B.Scalar
- C.Table
- D.Window

Answer: B

Question #917

Which file formats support unloading semi-structured data? (Choose two.)

- A.Avro
- B.JSON
- C.ORC
- D.Parquet
- E.XML

Answer: BD

Question #918

Which system-defined Snowflake role has permission to rename an account and specify whether the original URL can be used to access the renamed account?

- A.ACCOUNTADMIN
- B.SECURITYADMIN
- C.SYSADMIN
- D.ORGADMIN

Answer: A

Question #919

How can a user get the MOST detailed information about individual table storage details in Snowflake?

- A.SHOW TABLES command
- B.SHOW EXTERNAL TABLES command
- C.TABLES view
- D. view

Answer: D

Question #920

What type of account can be used to share data with a consumer who does not have a Snowflake account?

- A.Data provider
- B.Data consumer
- C.Reader
- D.Organization

Answer: C

Question #921

By default, which role has access to the SYSTEM\$GLOBAL_ACCOUNT_SET_PARAMETER function?

- A.ACCOUNTADMIN
- B.SECURITYADMIN
- C.SYSADMIN
- D.ORGADMIN

Answer: D

Question #922

If a virtual warehouse is suspended, what happens to the warehouse cache?

- A.The cache is dropped when the warehouse is suspended and is no longer available upon restart.
- B.The warehouse cache persists for as long as the warehouse exists, regardless of its suspension status.
- C.The cache is maintained for up to two hours and can be restored if the warehouse is restarted within this limit.

D.The cache is maintained for the auto_suspend duration and can be restored if the warehouse is restarted within this limit.

Answer: A

Question #923

What are the primary authentication methods that Snowflake supports for securing REST API interactions? (Choose two.)

A.OAuth

B.Key pair authentication

C.Federated authentication

D.Multi-Factor Authentication (MFA)

E.Username and password authentication

Answer: AB

Question #924

What will happen at the 24-hour mark?

A.The file will continue to load until all contents are loaded.

B.The file will stop loading and all data up to that point will be committed.

C.The file loading could be aborted without any portion of the file being committed.

D.The file's number of allowable hours to load can be programmatically controlled to load easily into Snowflake.

Answer: C

Question #925

What information does the Query Profile provide?

A.Graphical representation of the data model

B.Statistics for each component of the processing plan

C.Detailed information about the database schema

D.Real-time monitoring of the database operations

Answer: B

Question #926

Which command is used to start configuring Snowflake for Single Sign-On (SSO)?

- A.CREATE SESSION POLICY
- B.CREATE NETWORK RULE
- C.CREATE SECURITY INTEGRATION
- D.CREATE PASSWORD POLICY

Answer: C

Question #927

Which sequence (order) of object privileges should be used to grant a custom role read-only access on a table?

ObjectPnvillege

A.1 SchemaUsage

2 Databaseusage

3 TableUsage

ObjectPrivilege

B.1 SchemaUsage

2 DatabaseUsage

3 TableSelect

ObjectPnulege

c.1 Database Usage 2 SchemaUsage

3.TabteSelect

ObjectPrivilege

D.1 DatabaseUsage

2 SchemaUsage

3 TableOperate

Answer: C

Question #928

Which command removes a role from another role or a user in Snowflake?

- A.ALTER ROLE
- B.REVOKE ROLE
- C.USE ROLE
- D.USE SECONDARY ROLES

Answer: B

Question #929

In which hierarchy is tag inheritance possible?

- A.Organization » Account » Role
- B.Account » User » Schema
- C.Database » View » Column
- D.Schema » Table » Column

Answer: D

Question #930

What happens when a network policy includes values that appear in both the allowed and blocked IP address lists?

- A.Those IP addresses are allowed access to the Snowflake account as Snowflake applies the allowed IP address list first.
- B.Those IP addresses are denied access to the Snowflake account as Snowflake applies the blocked IP address list first.
- C.Snowflake issues an alert message and adds the duplicate IP address values to both the allowed and blocked IP address lists.
- D.Snowflake issues an error message and adds the duplicate IP address values to both the allowed and blocked IP address lists.

Answer: B

Question #931

For directory tables, what stage allows for automatic refreshing of metadata?

- A.User stage
- B.Table stage
- C.Named internal stage
- D.Named external stage

Answer: D

Question #932

Which command is used to unload data from a Snowflake database table into one or more files in a Snowflake stage?

- A.CREATE STAGE
- B.copy INTO [table]
- C.copy INTO [location]
- D.CREATE PIPE

Answer: C

Question #933

Any user with the appropriate privileges can view data storage for individual tables by using which queries? (Choose two.)

- A.METERING_HISTORY view in the ACCOUNT_USAGE schema
- B. view in the ACCOUNT_USAGE schema
- C.STORAGE_USAGE view in the ACCOUNT_USAGE schema
- D. view in the INFORMATION_SCHEMA schema
- E. view in the ORGANIZATION_USAGE schema

Answer: BD

Question #934

A user created a database and set the `TABLET_SIZE` to 30, but did not set the `TABLET_SIZE` in table `T1`.

After 5 days, the user accidentally drops table `T1`.

What are the considerations for recovering table `T1`?

- A.The user can recover the table `T1` after 30 days.

- B.The table can be recovered because the table retention period default is at the database level.
- C.The table can only be recovered by contacting Snowflake Support to recover the table from Fail-safe.
- D.The table cannot be recovered because the was not set for table TI .

Answer: B

Question #935

What table functions in the Snowflake Information Schema can be queried to retrieve information about directory tables? (Choose two.)

- A.AUTO_REFRESH_REGISTRATION_HISTORY
- B.EXTERNAL_TABLE_FILE_REGISTRATION_HISTORY
- C.EXTERNAL_TABLE_FILES
- D.MATERIALIZED_VIEW_REFRESH_HISTORY
- E.STAGE_DIRECTORY_FILE_REGISTRATION_HISTORY

Answer: AE

Question #936

Which Snowflake table type persists until it is explicitly dropped, is available for all users with relevant privileges (across sessions), and has no Fail-safe period?

- A.External
- B.Permanent
- C.Temporary
- D.Transient

Answer: D

Question #937

Snowflake's access control framework combines which models for securing data? (Choose two.)

- A.Attribute-based Access Control (ABAC)
- B.Discretionary Access Control (DAC)
- C. Access Control List (ACL)
- D.Role-based Access Control (RBAC)

E.Rule-based Access Control (RuBAC)

Answer: BD

Question #938

Which semi-structured file format is a compressed, efficient, columnar data representation?

A.Avro

B.JSON

C. TSV

D. Parquet

Answer: D

Question #939

How does Snowflake describe its unique architecture?

A.A single-cluster shared data architecture using a central data repository and massively parallel processing (MPP)

B.A multi-cluster shared data architecture using a central data repository and massively parallel processing (MPP)

C.A single-cluster shared nothing architecture using a siloed data repository and symmetric multiprocessing (SMP)

D.A multi-cluster shared nothing architecture using a siloed data repository and symmetric multiprocessing (SMP)

Answer: B

Question #940

Which data type can be used to load semi-structured data files directly, without explicitly describing the hierarchical structure of the data?

A. TEXT

B.VARIANT

C.VARCHAR

D.VARBINARY

Answer: B

Question #941

The following settings are configured:

THE

THE

For how many days will the data be is set to 5 at the account level.

is set to 2 at the object level.

retained at the object level?Topic 1

Answer: A

Question #942

Which key access control concept does Snowflake describe as a defined level of access to an object?

A.Grant

B.Privilege

C.Role

D.Session

Answer: B

Question #943

Which Snowflake object uses credits for maintenance?

A.Regular table

B.Regular view

C.Materialized view

D.Cached query result

Answer: C

Question #944

How many credits does a size 3X-Large virtual warehouse consume if it runs continuously for 2 hours?

A. 32

B. 64

c. 128

D. 256

Answer: C

Question #945

What is the purpose of a Query Profile?

A.To profile how many times a particular query was executed and analyze its usage statistics over time.

B.To profile a particular query to understand the mechanics of the query, its behavior, and performance.

C.To profile the user and/or executing role of a query and all privileges and policies applied on the objects within the query.

D.To profile which queries are running in each warehouse and identify proper warehouse utilization and sizing for better performance and cost balancing.

Answer: B

Question #946

Which common query problems are identified by the Query Profile? (Choose two.)

A.Syntax error

B.Inefficient pruning

C.Ambiguous column names

D.Queries too large to fit in memory

E.Object does not exist or not authorized

Answer: BD

Question #947

While running a query on a virtual warehouse in auto-scale mode, additional clusters are started immediately if which setting is configured?

A.MAX_CLUSTER_COUNT is increased and new_max_clusters is greater than running_clusters

B.MAX_CLUSTER_COUNT is decreased and new_max_clusters is less than running_clusters

C.MIN_CLUSTER_COUNT is increased and new_min_clusters is greater than running_clusters

D.MIN_CLUSTER_COUNT is decreased and new_min_clusters is less than running_clusters

Answer: A

Question #948

Which Snowflake role can manage any object grant globally, including modifying and revoking grants?

A.USERADMIN

B.ORGADMIN

C.SYSADMIN

D.SECURITYADMIN

Answer: D

Question #949

What is the MINIMUM permission needed to access a file URL from an external stage?

A.MODIFY

B.READ

C. SELECT

D. USAGE

Answer: D

Question #950

In the Data Exchange, who can get or request data from the listings? (Choose two.)

A.Users with ACCOUNTADMIN role

B.Users with SYSADMIN role

C.Users with ORGADMIN role

D.Users with IMPORT SHARE privilege

E.Users with MANAGE GRANTS privilege

Answer: AD

Question #951

What does Snowflake attempt to do if any of the compute resources for a virtual warehouse fail to provision during start-up?

- A.Repair the failed resources.
- B.Restart the failed resources.
- C.Queue the failed resources.
- D.Provision the failed resources.

Answer: D

Question #952

How does Snowflake define its approach to Discretionary Access Control (DAC)?

- A.A defined level of access to an object.
- B.An entity to which access can be granted.
- C.Each object has an owner, who can in turn grant access to that object.
- D.Access privileges are assigned to roles, which are in turn assigned to users.

Answer: C

Question #953

Which command is used to take away staged files from a Snowflake stage after a successful data ingestion?

- A.DELETE
- B.DROP
- C.REMOVE
- D.TRUNCATE

Answer: C

Question #954

The Snowflake VARIANT data type imposes a 16 MB size limit on what?

- A.An individual row
- B.An individual column

C.A view

D.A file in a stage

Answer: A

Question #955

Which Snowflake feature records changes made to a table so actions can be taken using that change data capture?

A.Materialized View

B.Pipe

C.Stream

D.Task

Answer: C

Question #956

Which system-defined, read-only view displays information on column lineage that specifies how data flows from source to target in a SQL write operation?

A.ACCESS_HISTORY

B.LOAD_HISTORY

C.QUERY_HISTORY

D.COPY_HISTORY

Answer: A

Question #957

Who can create network policies within Snowflake? (Choose two.)

A.SYSADMIN only

B.ORGADMIN only

C.SECURITYADMIN or higher roles

D.A role with the CREATE NETWORK POLICY privilege

E.A role with the CREATE SECURITY INTEGRATION privilege

Answer: CD

Question #958

Who can grant object privileges in a regular schema?

- A.Object owner
- B.Schema owner
- C.Database owner
- D.SYSADMIN

Answer: A

Question #959

Which command can be used to list all the file formats for which a user has access privileges?

- A. LIST
- B.ALTER FILE FORMAT
- C.DESCRIBE FILE FORMAT
- D.SHOW FILE FORMATS

Answer: D

Question #960

Which Snowflake feature supports continuous, serverless data loading into tables as soon as new data arrives?

- A.Snowpark
- B.SnowSQL
- C.SnowCD
- D.Snowpipe

Answer: DTopic 1

Question #961

What value provides information about disk usage for operations where intermediate results do not fit in memory in a Query Profile?

- A.10
- B.Network
- C.Pruning
- D.Spilling

Answer: D

Question #962

Regardless of which notation is used, what are considerations for writing the column name and element names when traversing semi-structured data?

- A.The column name and element names are both case-sensitive.
- B.The column name and element names are both case-insensitive.
- C.The column name is case-sensitive but element names are case-insensitive.
- D.The column name is case-insensitive but element names are case-sensitive.

Answer: D

Question #963

Which Snowflake data type is used to store JSON key value pairs?

- A. TEXT
- B.BINARY
- C.STRING
- D.VARIANT

Answer: D

Question #964

How are network policies defined in Snowflake?

- A.They are a set of rules that define the network routes within Snowflake.
- B.They are a set of rules that dictate how Snowflake accounts can be used between multiple users.
- C.They are a set of rules that define how data can be transferred between different Snowflake accounts within an organization.

D.They are a set of rules that control access to Snowflake accounts by specifying the IP addresses or ranges of IP addresses that are allowed to connect to Snowflake.

Answer: D

Question #965

What is the only supported character set for loading and unloading data from all supported file formats?

A.UTF-8

B.UTF-16

C.ISO-8859-1

D.WINDOWS-1253

Answer: A

Question #966

Which function is used to convert rows in a relational table to a single VARIANT column?

A.ARRAY_AGG

B.OBJECT_AGG

C.ARRAY_CONSTRUCT

D.OBJECT_CONSTRUCT

Answer: D

Question #967

Which command can be used to delete staged files from a Snowflake stage when the files are no longer needed?

A.DELETE

B.DROP

C.REMOVE

D.TRUNCATE TABLE

Answer: C

Question #968

A virtual warehouse initially suffers from poor performance as a result of queries from multiple concurrent processes that are queuing. Over time, the problem resolved.

What action can be taken to prevent this from happening again?

- A.Increase the size of the virtual warehouse.
- B.Add a cluster key to the most used JOIN key.
- C.Change the multi-cluster settings to add additional clusters.
- D.Enable the search optimization service for the underlying tables.

Answer: C

Question #969

What action can be performed using the GET command in Snowflake?

- A.Automatically rename downloaded files.
- B.Automatically decrypt downloaded data on a client machine.
- C.Download data files from Snowflake internal stages to a local directory/folder.
- D.Download data files from Snowflake external stages to a local directory/folder.

Answer: C

Question #970

Which validation option is the only one that supports the COPY INTO command?

- A.RETURN_ROWS
- B.RETURN_ROWS
- C.RETURN_ERRORS

Answer: A

Question #971

What are the correct settings for column and element names, regardless of which notation is used while accessing elements in a JSON object?

- A.Both the column name and the element name are case-insensitive.

- B.Both the column name and the element name are case-sensitive.
- C.The column name is case-sensitive and the element names are case-insensitive.
- D.The column name is case-insensitive and the element name is case-sensitive.

Answer: D

Question #972

How can the Query Profile be used to identify the costliest operator of a query?

- A.Select any node in the operator tree and look at the number of micro-partitions scanned.
- B.Find the operator node with the highest fraction of time or percentage of total time.
- C.Select the TableScan operator node and look at the percentage scanned from cache.
- D.Look at the number of rows between operator nodes across the operator tree.

Answer: B

Question #973

In order to access Snowflake Marketplace listings, who needs to accept the Snowflake Consumer Terms of Service?

- A.SYSADMIN
- B.SECURITYADMIN
- C.ACCOUNTADMIN
- D.ORGADMIN

Answer: D

Question #974

Which statistics are displayed in a Query Profile that indicate that intermediate results do not fit in memory? (Choose two.)

- A.Bytes scanned
- B.Partitions scanned
- C.Bytes spilled to local storage
- D.Bytes spilled to remote storage
- E.Percentage scanned from cache

Answer: CD

Question #975

How can a dropped internal stage be restored?

- A.Enable Time Travel.
- B.Clone the dropped stage.
- C.Execute the UNDROP command.
- D.Recreate the dropped stage.

Answer: D

Question #976

Which command line flags can be used to log into a Snowflake account using SnowSQL? (Choose two.)

- A.-d
- B.-o
- C.-e
- D.-a
- E.-c

Answer: AD

Question #977

What is a key benefit of using organizations in Snowflake?

- A.Ability to use ACCOUNT_USAGE views
- B.Ability to use zero-copy cloning across accounts
- C.Ability to consolidate account management and billing
- D.Ability to access new releases for testing and validation purposes

Answer: C

Question #978

Which privilege is required on a virtual warehouse to abort any existing executing queries?

- A.USAGE
- B.OPERATE
- C.MODIFY
- D.MONITOR

Answer: B

Question #979

Which command should be used to look into the validity of an XML object in Snowflake?

- A.XMLGET
- B.TO_XML
- C.PARSE_XML
- D.CHECK_XML

Answer: D

Question #980

Who can activate a network policy for users in a Snowflake account? (Choose two.)

- A.ACCOUNTADMIN
- B.USE-RADMIN
- C.PUBLIC
- D.SYSADMIN
- E.Any role that has the global ATTACH POLICY privilege

Answer: AE

Question #981

For which use cases is running a virtual warehouse required? (Choose two.)

- A.When creating a table
- B.When loading data into a table
- C.When unloading data from a table

D.When executing a SHOW command

E.When executing a LIST command

Answer: BC

Question #982

What action should be taken if a Snowflake user wants to share a newly created object in a database with consumers?

A.Use the automatic sharing feature for seamless access.

B.Drop the object and then re-add it to the database to trigger sharing.

C.Recreate the object with a different name in the database before sharing.

D.Use the GRANT privilege ... TO SHARE command to grant the necessary privileges.

Answer: D

Question #983

Which Snowflake privilege is required on a pipe object to pause or resume pipes?

A.OPERATE

B.READ

C. SELECT

D. USAGE

Answer: A

Question #984

Which commands can a Snowflake user execute to specify a cluster key for a table? (Choose two.)

A.CREATE

B.UPDATE

C.ALTER

D.SET

E.SHOW

Answer: AC

Question #985

Authorization to execute CREATE [object] statements comes only from which role?

- A.Primary role
- B.Secondary role
- C.Application role
- D.Database role

Answer: A

Question #986

Which VALIDATION_MODE value will return the errors across the files specified in a COPY command, including files that were partially loaded during an earlier load?

- C. RETURN_-1_ROWS
- C. RETURN_n_ROWS
- C. RETURN_ERRORS
- C. RETURN_ALL_ERRORS

Answer: D

Question #987

Which command is used to upload data files from a local directory or folder on a client machine to an internal stage, for a specified table?

- A.GET
- B.PUT
- C.CREATE STREAM
- D.COPY INTO

Answer: B

Question #988

Which governance feature is supported by all Snowflake editions?

- A.Object tags

- B.Masking policies
- C.Row access policies
- D.OBJECT_DEPENDENCIES view

Answer: A

Question #989

Which chart type is supported in Snowsight for Snowflake users to visualize data with dashboards?

- A.Area chart
- B.Box plot
- C.Heat grid
- D.Pie chart

Answer: C

Question #990

At what level is the parameter set?

- A.Account
- B.Database
- C.Schema
- D.Table

Answer: A

Question #991

Which function returns an integer between 0 and 1 00 when used to calculate the similarity of two strings?

- A.APPROXIMATE_SIMILARITY
- B.JAROWINKLER_SIMILARITY
- C.APPROXIMATE_JACCARD_INDEX
- D.MINHASH_COMBINE

Answer: B

Question #992

Which Snowflake data governance feature can support auditing when a user query reads column data?

- A.Access History
- B.Data classification
- C.Column-level security
- D.Object dependencies

Answer: A

Question #993

Which categories are included in the execution time summary in a Query Profile? (Choose two.)

- A.Pruning
- B.Spilling
- C.Initialization
- D.Local Disk I/O
- E.Percentage of data read from cache

Answer: CD

Question #994

Which command can be used to list all network policies available in an account?

- A.DESCRIBE SESSION POLICY
- B.DESCRIBE NETWORK POLICY
- C.SHOW SESSION POLICIES
- D.SHOW NETWORK POLICIES

Answer: D

Question #995

Which type of loop requires a BREAK statement to stop executing?

- A.FOR

- B.LOOP
- C.REPEAT
- D.WHILE

Answer: B

Question #996

Which virtual warehouse consideration can help lower compute resource credit consumption?

- A.Setting up a multi-cluster virtual warehouse
- B.Resizing the virtual warehouse to a larger size
- C.Automating the virtual warehouse suspension and resumption settings
- D.Increasing the maximum cluster count parameter for a multi-cluster virtual warehouse

Answer: C

Question #997

To use the OVERWRITE option on INSERT, which privilege must be granted to the role?

- A.TRUNCATE
- B.DELETE
- C.UPDATE
- D. SELECT

Answer: B

Question #998

What happens when a suspended virtual warehouse is resized in Snowflake?

- A.It will return an error.
- B.It will return a warning.
- C.The suspended warehouse is resumed and new compute resources are provisioned immediately.
- D.The additional compute resources are provisioned when the warehouse is resumed.

Answer: D

Question #999

How does Snowflake handle the data retention period for a table if a stream has not been consumed?

- A.The data retention period s reduced to a minimum of 14 days.
- B.The data retention period is permanently extended for the table.
- C.The data retention period is temporarily extended to the stream's offset.
- D.The data retention period is not affected by the stream consumption.

Answer: C

Question #1000

Which task is supported by the use of Access History in Snowflake?

- A.Data backups
- B.Cost monitoring
- C.Compliance auditing
- D.Performance optimization

Answer: C

Question #1001

Which feature of Snowflake's Continuous Data Protection (CDP) has associated costs?

- A.Fail-safe
- B.Network policies
- C.End-to-end encryption
- D.Multi-Factor Authentication (MFA)

Answer: A

Question #1002

When enabling access to unstructured data, which URL permits temporary access to a staged file without the need to grant privileges to the stage or to issue access tokens?

- A.File URL

- B.scoped URL
- C.Relative URL
- D.Pre-Signed URL

Answer: B

Question #1003

Which Snowflake function is maintained separately from the data and helps to support features such as Time Travel, Secure Data Sharing, and pruning?

- A.Column compression
- B.Data clustering
- C.Micro-partitioning
- D.Metadata management

Answer: D

Question #1004

A tag object has been assigned to a table (TABLE_A) in a schema within a Snowflake database.

Which CREATE object statement will automatically assign the TABLE_A tag to a target object?

- A.CREATE TABLE LIKE TABLE_A;
- B.CREATE VIEW AS SELECT * FROM TABLE_A;
- C.CREATE TABLE AS SELECT * FROM TABLE_A;
- D.CREATE MATERIALIZED VIEW AS SELECT * FROM TABLE_A;

Answer: A

Question #1005

In addition to performing all the standard steps to share data, which privilege must be granted on each database referenced by a secure view in order to be shared?

- A.READ
- B.REFERENCES
- C.REFERENCE_USAGE
- D.USAGE

Answer: C

Question #1006

Which function can be used with the COPY INTO statement to convert rows from a relational table to a single VARIANT column, and to unload rows into a JSON file?

A.FLATTEN

B.OBJECT_AS

C.OBJECT_CONSTRUCT

D.TO_VARIANT

Answer: C

Question #1007

Which type of role can be granted to a share?

A.Account role

B.Custom role

C.Database role

D.Secondary role

Answer: C

Question #1008

When unloading data with the COPY INTO command, what is the purpose of the PARTITION BY parameter option?

A.To sort the contents of the output file by the specified expression.

B.To delimit the records in the output file using the specified expression.

C.To include a new column in the output using the specified window function expression.

D.To split the output into multiple files, one for each distinct value of the specified expression.

Answer: D

Question #1009

What are potential impacts of storing non-native values like dates and timestamps in a VARIANT column in Snowflake?

- A.Faster query performance and increased storage consumption
- B.Slower query performance and increased storage consumption
- C.Faster query performance and decreased storage consumption
- D.Slower query performance and decreased storage consumption

Answer: B

Question #1010

Which views are included in the DATA_SHARING_USAGE schema? (Choose two.)

- A. ACCESS_HISTORY
- B. DATA_TRANSFER_HISTORY
- C. WAREHOUSE_METERING_HISTORY
- D. MONETIZED_USAGE_DAILY
- E. LISTING_TELEMETRY_DAILY

Answer: DE

Question #1011

What does a table with a clustering depth of 1 mean in Snowflake?

- A.The table has only 1 micro-partition.
- B.The table has 1 overlapping micro-partition.
- C.The table has no overlapping micro-partitions.
- D.The table has no micro-partitions.

Answer: C

Question #1012

Which Snowflake object contains all the information required to share a database?

- A.Private listing
- B.Secure view
- C.Sequence

D.Share

Answer: D

Question #1013

What is the PRIMARY factor that determines the cost of using a virtual warehouse in Snowflake?

- A.The type of SQL statements executed
- B.The number of tables or databases queried
- C.The amount of data stored in the warehouse
- D.The length of time the compute resources in each cluster run

Answer: D

Question #1014

Which function generates a Snowflake-hosted file URL to a staged file using the stage name and relative file path as inputs, with a file URL that does not expire?

- A.BUILD_SCOPED_FILE_URL
- B.BUILD_STAGE_FILE_URL
- C.GET_ABSOLUTE_PATH
- D.GET_PREIGNED_URL

Answer: B

Question #1015

When a Snowflake user loads CSV data from a stage, which COPY INTO [table] command guideline should they follow?

- A.The CSV field delimiter must be a comma character (t').
- B.The number of columns in each row should be consistent.
- C.The data file in the stage must be in a compressed format.
- D.The data file must have the same number of columns as the target table.

Answer: B

Question #1016

What will be the outcome?

- A.A stage with a directory table set to automatically refresh will be created.
- B.A stage with a directory table that has metadata that must be manually refreshed will be created.
- C.An error will be received stating that the storage location for the stage must be identified when creating a stage with a directory table.
- D.The command will fail to run because the name of the directory table is not specified.

Answer: C

Question #1017

Which statistics on a Query Profile reflect the efficiency of the query pruning? (Choose two.)

- A.Partitions scanned
- B.Partitions total
- C.Bytes scanned
- D.Bytes spilled
- E.Bytes written

Answer: AB

Question #1018

Which operation can be performed on Snowflake external tables?

- A.INSERT
- B.JOIN
- C.RENAME
- D.ALTER

Answer: B

Question #1019

A user wants to access files stored in a stage without authenticating into Snowflake.

Which type of URL should be used?

- A.File URL
- B.staged URL
- C.Scoped URL
- D.Pre-signed URL

Answer: D

Question #1020

Which table function is used to view all errors encountered during a previous data load?

- A.VALIDATE
- B.INFER_SCHEMA
- C.GENERATOR
- D.QUERY_HISTORY

Answer: A

Question #1021

What is the MINIMUM size requirement when creating a Snowpark-optimized virtual warehouse?

- A.X-Small
- B.Small
- C.Medium
- D.Large

Answer: C

Question #1022

Which role has the ability to create and manage users and roles?

- A.ORGADMIN
- B.USERADMIN
- C.SYSADMIN
- D.SECURITYADMIN

Answer: B

Question #1023

What issues can be identified and troubleshooted using the Query Profile? (Choose two.)

- A.Full index scans
- B.Cartesian products
- C.Insufficient privileges
- D.Queries too large to fit in memory
- E.Virtual warehouse credit consumption

Answer: BD

Question #1024

What happens to the objects in a reader account when the DROP MANAGED ACCOUNT command is executed?

- A.The objects are dropped.
- B.The objects enter the Fail-safe period.
- C.The objects enter the Time Travel period.
- D.The objects are immediately moved to the provider account.

Answer: A

Question #1025

What function can be used with the recursive argument to return a list of distinct key names in all nested elements in an object?

- A.FLATTEN
- B.GET_PATH
- C.CHECK_JSON
- D.PARSE_JSON

Answer: A

Question #1026

What does Snowflake recommend when planning virtual warehouse usage for a data load?

- A. Load the fewest possible number of large files.
- B. Dedicate a separate warehouse for loading data.
- C. Increase the size of the warehouse used.
- D. Use several single-cluster warehouses.

Answer: B

Question #1027

Which Snowflake database object can be used to track data changes made to table data?

- A. Tag
- B. Task
- C. Stream
- D. Stored procedure

Answer: C

Question #1028

Who can activate and enforce a network policy for all users in a Snowflake account? (Choose two.)

- A. A user with an USERADMIN or higher role
- B. A user with a SECURITYADMIN or higher role
- C. A role that has been granted the ATTACH POLICY privilege
- D. A role that has the NETWORK_POLICY account parameter set
- E. A role that has the OWNERSHIP of the network policy

Answer: BC

Question #1029

How can a data provider share their Snowflake data? (Choose two.)

- A. External table
- B. Snowpark API
- C. Direct share

- D.External function
- E.Snowflake Marketplace listing

Answer: CE

Question #1030

What will prevent unauthorized access to a Snowflake account from an unknown source?

- A.Network policy
- B.End-to-end encryption
- C.Multi-Factor Authentication (MFA)
- D.Role-Based Access Control (RBAC)

Answer: A

Question #1031

Which query type is supported for implementing the search optimization service?

- A.Queries with column concatenation
- B.Substring search queries on external tables
- C.String searches on columns using the COLLATE function
- D.Geography value column searches using geospatial functions

Answer: D

Question #1032

What Snowflake feature provides a data hub for secure data collaboration, with a selected group of invited members?

- A.Data Replication
- B.Secure Data Sharing
- C.Data Exchange
- D.Snowflake Marketplace

Answer: C

Question #1033

Which semi-structured data function interprets an input string as a JSON document that produces a VARIANT value?

- A.PARSE_JSON
- B.CHECK_JSON
- C.JSON_EXTRACT_PATH_TEXT
- D.PARSE_XML

Answer: A

Question #1034

data types can be used to build nested hierarchical data? (Choose two.)

- A.INTEGER
- B.OBJECT
- C.VARIANT
- D.VARCHAR
- E. LIST

Answer: BC

Question #1035

Which statistics can be used to identify queries that have inefficient pruning? (Choose two.)

- A.Bytes scanned
- B.Bytes written to result
- C.Partitions scanned
- D.Partitions total
- E.Percentage scanned from cache

Answer: CD

Question #1036

Which element in the Query Profile interface shows the relationship between the nodes in the execution of a query?

- A.Node List

B.Steps

C.Overview

D.Operator Tree

Answer: D

Question #1037

What will happen if a Snowflake user suspends the updates to a materialized view?

A.The queries on that view will generate an error message.

B.The queries on that view will return the last stored data.

C.The queries on that view will return the data using Time Travel.

D.The queries on that view will return the data with a warning message.

Answer: A

Question #1038

function will parse a JSON-null into a SQL-null?

A.TO_CHAR

B.TO_VARIANT

C.TO_VARCHAR

D.STRIP_NULL_VALUE

Answer: D

Question #1039

Which Snowflake command can be used to unload the result of a query to a single file?

A.Use COPY INTO followed by a GET command to download the file.

B.Use COPY INTO followed by a PUT command to download the file.

C.Use COPY INTO with SINGLE = TRUE followed by a GET command to download the file.

D.Use COPY INTO with SINGLE = TRUE followed by a PUT command to download the file.

Answer: C

Question #1040

How are micro-partitions enabled on Snowflake tables?

- A. Micro-partitioning requires a cluster key on a table.
- B. Micro-partitioning is automatically performed on a table.
- C. Micro-partitioning requires the use of the search optimization service.
- D. Micro-partitioning is defined by the user when a table is created.

Answer: B

Question #1041

What persistent data structures are used by the search optimization service to improve the performance of point lookups?

- A. Micro-partitions
- B. Clustering keys
- C. Equality searches
- D. Search access paths

Answer: D

Question #1042

feature provides increased login security for users connecting to Snowflake that is powered by Duo Security service?

- A. OAuth
- B. Network policies
- C. Single Sign-on (SSO)
- D. Multi-Factor Authentication (MFA)

Answer: D

Question #1043

A user with which privileges can create or manage other users in a Snowflake account? (Choose two.)

- A. GRANT

- B. SELECT
- C. MODIFY
- D. OWNERSHIP
- E. CREATE USER

Answer: DE

Question #1044

Which items are considered schema objects in Snowflake? (Choose two.)

- A. Pipe
- B. File format
- C. Resource monitor
- D. Storage integration
- E. Virtual warehouse

Answer: AB

Question #1045

What does SnowCD help Snowflake users to do?

- A. Copy data into files.
- B. Manage different databases and schemas.
- C. Troubleshoot network connections to Snowflake.
- D. Write SELECT queries to retrieve data from external tables.

Answer: C

Question #1046

Awarding a user which privileges on all virtual warehouses is equivalent to granting the user the global MANAGE WAREHOUSES privilege?

- A. MODIFY, MONITOR and OPERATE privileges
- B. OWNERSHIP and USAGE privileges
- C. APPLYBUDGET and AUDIT privileges

D.MANAGE LISTING AUTOFULFILLMENT and RESOLVE ALL privileges

Answer: A

Question #1047

A Snowflake account has activated federated authentication.

What will occur when a user with a password that was defined by Snowflake attempts to log in to Snowflake?

- A.The user will be unable to enter a password.
- B.The user will encounter an error, and will not be able to log in.
- C.The user will be able to log into Snowflake successfully.
- D.After entering the username and password, the user will be redirected to an Identity Provider (IdP) login page.

Answer: C

Question #1048

Which solution improves the performance of point lookup queries that return a small number of rows from large tables using highly selective filters?

- A.Automatic clustering
- B.Materialized views
- C.Query acceleration service
- D.Search optimization service

Answer: D

Question #1049

What does a Notify & Suspend action for a resource monitor do?

- A.Send an alert notification to all account users who have notifications enabled.
- B.Send an alert notification to all virtual warehouse users when thresholds over 100% have been met.
- C.Send a notification to all account administrators who have notifications enabled, and suspend all assigned warehouses after all statements being executed by the warehouses have completed.
- D.Send a notification to all account administrators who have notifications enabled, and suspend all assigned warehouses immediately, canceling any statements being executed by the warehouses.

Answer: C

Question #1050

When working with a managed access schema, who has the OWNERSHIP privilege of any tables added to the schema?

- A.The database owner
- B.The object owner
- C.The schema owner
- D.The Snowflake user's role

Answer: C

Question #1051

How can a Snowsight user change a Standard virtual warehouse to a Snowpark-optimized virtual warehouse?

- A.Use the ALTER WAREHOUSE command on an active Standard virtual warehouse.
- B.Use the ALTER WAREHOUSE command on an active Snowpark-optimized warehouse.
- C.Use the ALTER WAREHOUSE command on a suspended Standard virtual warehouse.
- D.Use the ALTER WAREHOUSE command on a suspended Snowpark-optimized warehouse.

Answer: C

Question #1052

According to best practices, which table type should be used if the data can be recreated outside of Snowflake?

- A.Permanent table
- B.Temporary table
- C.Transient table
- D.Volatile table

Answer: C

Question #1053

Which function unloads data from a relational table to JSON?

- A.TO_OBJECT

B.TO_JSON

C.TO_VARIANT

D.OBJECT_CONSTRUCT

Answer: D

Question #1054

What is the purpose of the STRIP_NULL_VALUES file format option when loading semi-structured data files into Snowflake?

A.It removes null values from all columns in the data.

B.It converts null values to empty strings during loading.

C.It skips rows with null values during the loading process.

D.It removes object or array elements containing null values.

Answer: D

Question #1055

Which Snowflake edition enables data sharing only through Snowflake Support?

A.Virtual Private Snowflake

B.Business Critical

C.Enterprise

D.Standard

Answer: A

Question #1056

What is the primary purpose of partitioning staged data files for regular data loads?

A.To improve the performance of data loads

B.To compress the data for efficient storage

C.To encrypt the data for enhanced security

D.To organize the data into subfolders for easy browsing

Answer: A

Question #1057

What is the minimum Snowflake Edition that supports secure storage of Protected Health Information (PHI) data?

- A. Standard Edition
- B. Enterprise Edition
- C. Business Critical Edition
- D. Virtual Private Snowflake Edition

Answer: C

Question #1058

What can a Snowflake user do to reduce queuing on a multi-cluster virtual warehouse?

- A. Increase the warehouse size.
- B. Use an economy scaling policy.
- C. Increase the maximum number of clusters.
- D. Convert the warehouse to a Snowpark-optimized warehouse.

Answer: C

Question #1059

Which statements describe benefits of Snowflake's separation of compute and storage? (Choose two.)

- A. The separation allows independent scaling of computing resources.
- B. The separation ensures consistent data encryption across all virtual data warehouses.
- C. The separation supports automatic conversion of semi-structured data into structured data for advanced data analysis.
- D. Storage volume growth and compute usage growth can be tightly coupled.
- E. Compute can be scaled up or down without the requirement to add more storage.

Answer: AE

Question #1060

What should be used to show the status of partial data loads and loading errors?

- A.The COPY_HISTORY function
- B.The QUERY_HISTORY function
- C.The ACCESS_HISTORY view
- D.The function

Answer: A

Question #1061

What transformations are supported when loading data into a table using the COPY INTO [table] command? (Choose two.)

- A.Column reordering
- B.Column omission
- C.JOIN function
- D.FLATTEN function
- E.GROUP BY function

Answer: AB

Question #1062

Which object can be used with Secure Data Sharing?

- A.View
- B.Materialized view
- C.External table
- D.User-Defined Function (UDF)

Answer: C

Question #1063

Which parameter can be set at the account level to set the minimum number of days for which Snowflake retains historical data in Time Travel?

- A.DATA_RETENTION_TIME_IN_DAYS
- B.MAX_DATA_RETENTION_TIME_IN_DAYS
- C.MIN_DATA_RETENTION_TIME_IN_DAYS

D.MAX_CONCURRENCY_LEVEL

Answer: C

Question #1064

Which commands are restricted in owner's rights stored procedures? (Choose two.)

A.SHOW

B.MERGE

C.INSERT

D.DELETE

E.DESCRIBE

Answer: AE

Question #1065

What is the relationship between a Query Profile and a virtual warehouse?

A.A Query Profile can help users right-size virtual warehouses.

B.A Query Profile defines the hardware specifications of the virtual warehouse.

C.A Query Profile can help determine the number of virtual warehouses available.

D.A Query Profile automatically scales the virtual warehouse based on the query complexity.

Answer: A

Question #1066

Which transformation is supported by a COPY INTO [table] command?

A.Filter using a WHERE clause

B.Filter using a LIMIT keyword

C. Cast using a SELECT statement

D. Order using an ORDER BY Clause

Answer: C

Question #1067

How can a Snowflake administrator determine which user has accessed a database object that contains sensitive information?

- A. Review the granted privileges to the database object.
- B. Review the row access policy for the database object.
- C. Query the ACCESS_HISTORY view in the ACCOUNT_USAGE schema.
- D. Query the view in the ORGANIZATION_USAGE schema.

Answer: C

Question #1068

How does conditional data masking work in Snowflake?

- A. It selectively masks plain text data.
- B. It selectively masks multiple columns.
- C. It masks all values in a given column.
- D. It selectively masks a column value based on another column.

Answer: D

Question #1069

If a virtual warehouse runs for 61 seconds, shuts down, and then restarts and runs for 30 seconds, for how many seconds is it billed?

- A. 60
- B. 91
- C. 120
- D. 121

Answer: D

Question #1070

What function, combined with the copy command, should be used to unload data from a relational table into a JSON file?

- A. LATERAL

- B. CAST
- C. FLATTEN
- D. OBJECT_CONSTRUCT

Answer: D

Question #1071

What is the primary purpose of a directory table in Snowflake?

- A. To store actual data from external stages
- B. To automatically expire file URLs for security
- C. To manage user privileges and access control
- D. To store file-level metadata about data files in a stage

Answer: D

Question #1072

Which Snowflake table objects can be shared with other accounts? (Choose two.)

- A. Temporary tables
- B. Permanent tables
- C. Transient tables
- D. External tables
- E. User-Defined Table Functions (UDTFs)

Answer: BD

Question #1073

Which metadata table will store the storage utilization information even for dropped tables?

- A. DATABASE_STORAGE_USAGE_HISTORY
- B. TABLE_STORAGE_METRICS
- C. STORAGE_DAILY_HISTORY
- D. STAGE_STORAGE_USAGE_HISTORY

Answer: B

Question #1074

How is role hierarchy established in Snowflake?

- A.By assigning users to roles
- B.By default when a role is created
- C.By granting one role to another role
- D.By transferring ownership of one role to another role

Answer: C

Question #1075

What commands can be used to see what files are stored in a stage? (Choose two.)

- A.LIST
- B.SELECT
- C.LS
- D.GET
- E.DESCRIBE

Answer: AC

Question #1076

Which stages are created by default, with no need to use the CREATE STAGE command? (Choose two.)

- A.External stage
- B.Internal stage
- C.Named stage
- D.Table stage
- E.User stage

Answer: DE

Question #1077

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?

- A.BUILD_STAGE_FILE_URL
- B.GET_ABSOLUTE_PATH
- C.BUILD_SCOPED_FILE_URL
- D.GET_PREIGNED_URL

Answer: A

Question #1078

Who can create and manage reader accounts? (Choose two.)

- A.A user with ACCOUNTADMIN role
- B.A user with SECURITYADMIN role
- C.A user with SYSADMIN role
- D.A user with ORGADMIN role
- E.A user with CREATE ACCOUNT privilege

Answer: AE

Question #1079

Which command allows for continuous loading of data files as soon as they are available in a stage?

- A.copy INTO [table]
- B.PUT
- C.CREATE PIPE
- D.GET

Answer: C

Question #1080

What is an advantage of using database roles instead of granting privileges on objects directly to a share in Snowflake?

- A.Easier management of cross-region data sharing
- B.Greater flexibility in including objects from multiple databases

C.More control over object-level access for different user groups

D.Reduction in the number of shares required for different objects in the same database

Answer: C

Question #1081

What is the order of precedence (highest to lowest) of network policies when applied at the account, user, and security integrations layers?

A.Account, user, security integration

B.Account, security integration, user

C.User, security integration, account

D.User, account, security integration

Answer: B

Question #1082

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?

A.A size 6XL warehouse

B.A standard warehouse

C.A multi-cluster warehouse

D.A Snowpark-optimized warehouse

Answer: D

Question #1083

Which common query issues can be identified by the Query Profile? (Choose two.)

A.Insufficient credit quota

B.Inefficient query pruning

C.Excessive query pruning

D.Exploding joins

E.Credit usage that exceeds a set threshold

Answer: BD

Question #1084

In Snowflake, what allows users to perform recursive queries?

- A.QUALIFY
- B.LATERAL
- C.PIVOT
- D.CONNECT BY

Answer: D

Question #1085

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?

- A.Use a regular (non-managed) schema.
- B.Use a managed access schema.
- C.Use a transient schema.
- D.Set the Default_DDL_Collation parameter.

Answer: B

Question #1086

What is the MOST cost-effective way to resolve memory spillage in a virtual warehouse?

- A.Enable automatic clustering.
- B.Enable the query acceleration service.
- C.Enable the search optimization service.
- D.Convert to a Snowpark-optimized warehouse.

Answer: D

Question #1087

What objects in Snowflake are supported by Dynamic Data Masking? (Choose two.)

- A.Views
- B.Materialized views
- C.Tables
- D.External tables
- E.Future grants

Answer: AC

Question #1088

A user has created a dashboard in Snowflake and wants to share it with colleagues.

How can the dashboard be shared?

- A.By creating a private Data Exchange
- B.By using the share option within Snowsight
- C.By using a Direct Share with another account
- D.By creating a listing on Snowflake Marketplace

Answer: B

Question #1089

When would Snowsight automatically detect if a target account is in a different region and enable cross-cloud auto-fulfillment?

- A.When using a paid listing on the Snowflake Marketplace
- B.When using a private listing on the Snowflake Marketplace
- C.When using a personalized listing on the Snowflake Marketplace
- D.When using a Direct Share with another account

Answer: D

Question #1090

Which languages require that User-Defined Function (UDF) handlers be written inline? (Choose two.)

- A.Java

B.Javascript

C. Scala

D.Python

E.SQL

Answer: BE

Question #1091

Which task privilege does a Snowflake role need in order to suspend or resume a task?

A.USAGE

B.OPERATE

C.MONITOR

D.OWNERSHIP

Answer: B

Question #1092

What is a directory table in Snowflake?

A.A separate database object that is used to store file-level metadata.

B.An object layered on a stage that is used to store file-level metadata.

C.A database object with grantable privileges for unstructured data tasks.

D.A Snowflake table specifically designed for storing unstructured files.

Answer: B

Question #1093

What factors impact storage costs in Snowflake? (Choose two.)

A.The account type

B.The storage file format

C.The cloud region used by the account

D.The type of data being stored

E.The cloud platform being used

Answer: BC

Question #1094

Which ACCOUNT_USAGE schema database role provides visibility into policy-related information?

- A.USAGE_VIEWER
- B.GOVERNANCE_VIEWER
- C.OBJECT_VIEWER
- D.SECURITY_VIEWER

Answer: B

Question #1095

How should clustering be used to optimize the performance of queries that run on a very large table?

- A.Manually re-cluster the table regularly.
- B.Choose one high cardinality column as the clustering key.
- C.Use the column that is most-frequently used in query select clauses as the clustering key.
- D.Assess the average table depth to identify how clustering is impacting the query.

Answer: C

Question #1096

Which privilege must be granted by one role to another role, and cannot be revoked?

- A.MONITOR
- B.OPERATE
- C.OWNERSHIP
- D.ALL

Answer: C

Question #1097

How can performance be optimized for a query that returns a small amount of data from a very large base table?

- A. Use clustering keys
- B. Create materialized views
- C. Use the search optimization service
- D. Use the query acceleration service

Answer: D

Question #1098

A column named "Data" contains VARIANT data and stores values as follows:

"Employee" id : 100, name : john, location : "New York"

How will Snowflake extract the employee's name from the column data?

- A. Data:employee.name
- B. DATA:employee.name
- C. data:Employee.name
- D. data:employee.name

Answer: C

Question #1099

Use of which Snowflake function is recommended when unloading data from a relational table into a JSON file?

- A. TO_JSON
- B. TO_VARIANT
- C. OBJECT_INSERT
- D. OBJECT_CONSTRUCT

Answer: D

Question #1100

Which command should be used to generate a single file when unloading data from a Snowflake table into a file?

- A. PARTITION BY
- B. MAX_FILE_SIZE = 0
- C. SINGLE = TRUE

D.OVERWRITE = TRUE

Answer: C

Question #1101

Which function can be used to convert semi-structured data into rows and columns?

A.TABLE

B.FLATTEN

C.PARSE_JSON

D.JSON_EXTRACT_PATH_TEXT

Answer: B

Question #1102

What user setting can be configured to disable Multi-Factor Authentication (MFA) for a Snowflake user? (Choose two.)

A.DISABLE_MFA

B.MINS_TO_BYPASS_MFA

C.PASSWORD

D.MINS_TO_UNLOCK

E.MUST_CHANGE_PASSWORD

Answer: BD

Question #1103

Which table type has a Fail-safe period of 7 days?

A.Temporary table

B.Transient table

C.Permanent table

D.External table

Answer: C

Question #1104

How does Snowflake enable OAuth?

- A.By creating an external integration
- B.By configuring a security integration
- C.By establishing IP allowed lists and IP blocked lists
- D.By using SnowSQL to enable an external OAuth using the Snowflake protocol

Answer: B

Question #1105

Which type of workload traditionally benefits from the use of the query acceleration service?

- A.Workloads with a predictable data volume for each query
- B.Workloads that include on-demand data analyses
- C.Queries with small scans and non-selective filters
- D.Queries that do not have filters or aggregation

Answer: B

Question #1106

Which Snowflake object is supported by both database replication and replication groups?

- A.Pipes
- B.Users
- C.Stages
- D.Materialized views

Answer: C

Question #1107

When unloading data, which combination of parameters should be used to differentiate between empty strings and NULL values? (Choose two.)

- A.ESCAPE_UNENCLOSED_FIELD
- B.REPLACE_INVALID_CHARACTERS
- C.FIELD_OPTIONALLY_ENCLOSED_BY
- D.EMPTY_FIELD_AS_NULL
- E.SKIP_BLANK_LINES

Answer: CD

Question #1108

Which role must be used to create resource monitors?

- A.SECURITYADMIN
- B.ACCOUNTADMIN
- C.SYSADMIN
- D.ORGADMIN

Answer: B

Question #1109

What step does Snowflake recommend when loading data from a stage?

- A.Use PURGE when using the COPY INTO command.
- B.Use REMOVE when using the COPY INTO command.
- C.Use the LOAD HISTORY function to view the status of loaded files.
- D.Use the COPY HISTORY function to update the status of loaded files.

Answer: A

Question #1110

How can a user MINIMIZE Continuous Data Protection costs when using large, high-churn, dimension tables?

- A.Create transient tables and periodically copy them to permanent tables.
- B.Create temporary tables and periodically copy them to permanent tables.
- C.Create regular tables with extended Time Travel and Fail-safe settings.
- D.Create regular tables with default Time Travel and Fail-safe settings.

Answer: A