# Snowflake

## Exam Questions SnowPro-Core

SnowPro Core Certification Exam

**NEW QUESTION 1**
- (Exam Topic 1)
True or False: A third-party tool that supports standard JDBC or ODBC but has no Snowflake-specific driver will be unable to connect to Snowflake.

A. True
B. False

**Answer:** B

**Explanation:**
https://docs.snowflake.com/en/user-guide/jdbc.html
Snowflake provides a JDBC type 4 driver that supports core JDBC functionality. The JDBC driver must be installed in a 64-bit environment and requires Java 1.8 (or higher). The driver can be used with most client tools/applications that support JDBC for connecting to a database server.

**NEW QUESTION 2**
- (Exam Topic 1)
Select the three types of tables that exist within Snowflake. Choose 3 answers

A. Temporary
B. Transient
C. Provisioned
D. Permanent

**Answer:** ABD

**Explanation:**
Reference: https://community.snowflake.com/s/article/Making-Transient-table-by-Default

**NEW QUESTION 3**
- (Exam Topic 1)
Which of the following are options when creating a Virtual Warehouse?

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

**Answer:** AB

**NEW QUESTION 4**
- (Exam Topic 1)
What services does Snowflake automatically provide for customer that they may have been responsible for with their on premise system? Select all the below that apply.

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

**Answer:** ABD

**NEW QUESTION 5**
- (Exam Topic 1)
True or False: When active, a pipe requires a dedicated Virtual Warehouse to execute.

A. True
B. False

**Answer:** B

**NEW QUESTION 6**
- (Exam Topic 1)
Which of the following accurately represents how a table fits into Snowflake's logical container hierarchy? Select one.

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

**Answer:** B

**Explanation:**
Reference: https://docs.snowflake.com/en/sql-reference/ddl-database.html

**NEW QUESTION 7**
- (Exam Topic 1)
Which of the following best describes where Snowflake's metadata is stored?

A. Within the data files
B. Inside the Virtual Warehouses
C. In the Cloud Services Layer
D. within the drivers

**Answer:** C

**NEW QUESTION 8**
- (Exam Topic 1)
True or False: When a new Snowflake object is created, it is automatically owned by the user who created it.

A. True
B. False

**Answer:** A

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/security-access-control-overview.html

**NEW QUESTION 9**
- (Exam Topic 1)
True or False: Micro-partition metadata enables some operations to be completed without requiring Compute.

A. True
B. False

**Answer:** A

**Explanation:**
Reference: https://blog.ippon.tech/innovative-snowflake-features-caching/

**NEW QUESTION 10**
- (Exam Topic 1)
Which of the following connectors allow Multi-Factor Authentication (MFA) authorization when connecting? (Choose all that apply.)

A. JDBC
B. SnowSQL
C. Snowflake Web Interface (UI)
D. ODBC
E. PythonD18912E1457D5D1DDCBD40AB3BF70D5D

**Answer:** ABCDE

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/security-mfa.html

**NEW QUESTION 10**
- (Exam Topic 1)
Credit Consumption by the Compute Layer (Virtual Warehouses) is based on: (Choose two.)

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

**Answer:** BD

**Explanation:**
https://docs.snowflake.com/en/user-guide/credits.html#virtual-warehouse-credit-usage "Snowflake credits are charged based on the number of virtual warehouses you use, how long they run, and their size."

**NEW QUESTION 14**
- (Exam Topic 1)
True or False: A customer using SnowSQL / native connectors will be unable be unable to able to also use the Snowflake Web interface (UI) unless access to the UI is explicitly granted by supported.

A. True
B. False

**Answer:** B

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/connecting.html

**NEW QUESTION 17**
- (Exam Topic 1)
When loading data into Snowflake, the COPY command supports: Choose 2 answers

A. Joins
B. Fitters
C. Data type conversions
D. Column reordering
E. Aggregates

**Answer:** CD


**NEW QUESTION 22**
- (Exam Topic 1)
True or False: A Snowflake account is charged for data stored in both Internal and External Stages.

A. True
B. False

**Answer:** A

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/tables-storage-considerations.html


**NEW QUESTION 27**
- (Exam Topic 1)
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

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/data-load-bulk-ts.html


**NEW QUESTION 31**
- (Exam Topic 1)
Which of the following DML commands isn't supported by Snowflake?

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

**Answer:** A

**Explanation:**
Reference: https://docs.snowflake.com/en/sql-reference/sql-dml.html


**NEW QUESTION 36**
- (Exam Topic 1)
Which statements are true of micro-partitions? Choose 2 answers

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

**Explanation:**
Reference: https://medium.com/weareservian/seeing-snow-for-the-first-time-snowflake-adventures-part-1- 731ddc983c69


**NEW QUESTION 38**
- (Exam Topic 1)
True or False: During data unloading, only JSON and CSV files can be compressed.

A. True
B. False

**Answer:** B

**Explanation:**
Reference: https://docs.snowflake.com/en/sql-reference/sql/create-file-format.html

**NEW QUESTION 43**
- (Exam Topic 1)
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

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/data-load-snowpipe-billing.html

**NEW QUESTION 46**
- (Exam Topic 1)
Which of the following are examples of operations that require a Virtual Warehouse to complete, assuming no quires have been executed previously?
Choose 3 answers

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

**Answer:** BCD

**NEW QUESTION 50**
- (Exam Topic 1)
What are the three layers that make up Snowflake's architecture? Choose 3 answer

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

**Answer:** ACD

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

**NEW QUESTION 53**
- (Exam Topic 1)
What is the recommended method for loading data into Snowflake?

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

**Answer:** B

**NEW QUESTION 54**
- (Exam Topic 1)
True or False: An active warehouse is required to run a COPY INTO statement.

A. True
B. False

**Answer:** A

**NEW QUESTION 59**
- (Exam Topic 1)
True or false: Snowflake enforces unique, primary key, and foreign key constraints during DML operations.

A. True
B. False

**Answer:** B

**Explanation:**
Reference: https://docs.snowflake.com/en/sql-reference/constraints-overview.html

**NEW QUESTION 61**
- (Exam Topic 1)
Which of the following are common use cases for zero-copy cloning? Choose 3 answers

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

**Answer:** ABC

**Explanation:**
Reference: https://community.snowflake.com/s/question/0D50Z00009C3VlMSAV/zero-copy-cloning


**NEW QUESTION 63**
- (Exam Topic 1)
The PUT command: (Choose two.)

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

**Answer:** CD

**Explanation:**
Reference: https://docs.snowflake.com/en/sql-reference/sql/put.html


**NEW QUESTION 65**
- (Exam Topic 1)
Which of the following roles is recommended to be used to create and manage users and roles?

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

**Answer:** B

**Explanation:**
https://docs.snowflake.com/en/user-guide/security-access-control-overview.html
"Security admin: Role that can manage any object grant globally, as well as create, monitor, and manage users and roles"


**NEW QUESTION 67**
- (Exam Topic 1)
True or False: You can resize a Virtual Warehouse while queries are running.

A. True
B. False

**Answer:** A

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/warehouses-tasks.html


**NEW QUESTION 70**
- (Exam Topic 1)
True or False: Reader Accounts incur no additional Compute costs to the Data Provider since they are simply reading the shared data without making changes.

A. True
B. False

**Answer:** B

**Explanation:**
Reference: https://interworks.com/blog/bdu/2020/02/05/zero-to-snowflake-secure-data-sharing/


**NEW QUESTION 73**
- (Exam Topic 1)
True or False: When a user creates a role, they are initially assigned ownership of the role and they maintain ownership until it is transferred to another user.

A. True
B. False

**Answer:** A

**Explanation:**

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

**NEW QUESTION 78**
- (Exam Topic 1)
When a Pipe is recreated using the CREATE OR REPLACE PIPE command:

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

**Answer:** A

**Explanation:**
https://docs.snowflake.com/en/user-guide/data-load-snowpipe-manage.html#load-history "When a pipe is recreated, the load history is dropped."

**NEW QUESTION 80**
- (Exam Topic 1)
Increasing the size of a Virtual Warehouse from an X-Small to an X-Large is an example of:

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

**Answer:** D

**NEW QUESTION 83**
- (Exam Topic 1)
If auto-suspend is enable for a Virtual Warehouse, he Warehouse is automatically suspended when:

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

**Answer:** D

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/warehouses-overview.html

**NEW QUESTION 85**
- (Exam Topic 1)
What parameter controls if the Virtual warehouse starts immediately after the CREATE WAREHOUSE statement? Select one.

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

**Answer:** A

**NEW QUESTION 89**
- (Exam Topic 1)
Which of the following are options when creating a virtual Warehouse? Choose 2 answers

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

**Answer:** CD

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

**NEW QUESTION 91**
- (Exam Topic 1)
When should you consider disabling auto-suspend for a Virtual Warehouse? Choose 2 answers

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 don't want to have to manually turn on the Warehouse each time a user needs it

**Answer:** BC

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/warehouses-considerations.html


**NEW QUESTION 92**
- (Exam Topic 1)
Which of the following statements is true of data loading? Select one.

A. Resizing the virtual warehouse from x-Small to Small will process a single file twice as fast
B. The "deal file size for loading is 16MB to match micro-partition size
C. Marry files in the 10-lOOMB range tend to land In the 'sweet spot" for load parallelism Once loaded, there is no option to force a reload of an already loaded file

**Answer:** C


**NEW QUESTION 95**
- (Exam Topic 1)
What is the minimum Snowflake edition that provides multi-cluster warehouses and up to 90 days of Time Travel?

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

**Answer:** C

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/intro-editions.html


**NEW QUESTION 96**
- (Exam Topic 1)
True or False: The COPY command must specify a File Format in order to execute.

A. True
B. False

**Answer:** B

**Explanation:**
 Create Stage:
https://docs.snowflake.com/en/sql-reference/sql/create-stage.html Create Table (STAGE_FILE_FORMAT option): https://docs.snowflake.com/en/sql-reference/sql/create-table.html Copy Into:
https://docs.snowflake.com/en/sql-reference/sql/copy-into-table.html


**NEW QUESTION 97**
- (Exam Topic 1)
Which of the following statements describes a benefit of Snowflake's separation of compute and storage?
(Choose all that apply.)

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

**Answer:** BCD

**Explanation:**
Reference:
https://towardsdatascience.com/why-you-are-throwing-money-away-if-your-cloud-data-warehousedoesnt
separate-storage-and-compute-65d2dffd450f


**NEW QUESTION 99**
- (Exam Topic 1)
Snowflake recommends, as a minimize, that all users with the following roles(s) should be enrolled in Multi-Factor Authentication (MFA):
Select one:

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

**Answer:** D

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/security-mfa.html

**NEW QUESTION 103**
- (Exam Topic 1)
True or False the longer the data retention period, the higher the resulting storage costs.

A. True
B. False

**Answer:** A


**NEW QUESTION 104**
- (Exam Topic 1)
How would you execute a series of SQL statements using Task?

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

**Answer:** C


**NEW QUESTION 107**
- (Exam Topic 1)
What are the three things customers want most from their enterprise data warehouse solution? Choose 3 answers

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

**Answer:** BDE


**NEW QUESTION 109**
- (Exam Topic 1)
True or false: it is best practice to define a clustering key on every table.

A. True
B. False

**Answer:** B

**Explanation:**
Reference: https://dwgeek.com/how-to-create-snowflake-clustered-tables-examples.html/


**NEW QUESTION 114**
- (Exam Topic 1)
True or False: When Snowflake is configured to use Single Sign-on (sso), Snowflake receive the usernames and credentials from the sso service and loads them
into the customer's Snowflake account.

A. True
B. false:

**Answer:** B

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/admin-security-fed-auth-configure-snowflake.html


**NEW QUESTION 118**
- (Exam Topic 1)
True or False: Multi_Factor Authentication (MFA) in Snowflake is only supported in conjunction with single Sign-on (sso).

A. True
B. False

**Answer:** B

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/admin-security-fed-auth-use.html


**NEW QUESTION 119**
- (Exam Topic 1)
What is the minimum Snowflake edition that customers planning on storing protected information in Snowflake should consider for regulatory compliance?

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

**Answer:** D

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/intro-editions.html

**NEW QUESTION 123**
- (Exam Topic 1)
Which of the following statements about data sharing are true? choose 2 answers

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

**Answer:** CD

**NEW QUESTION 124**
- (Exam Topic 2)
Which Snowflake technique can be used to improve the performance of a query?

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

**Answer:** A

**Explanation:**
https://docs.snowflake.com/en/user-guide/tables-clustering-keys.html

**NEW QUESTION 127**
- (Exam Topic 2)
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

**NEW QUESTION 132**
- (Exam Topic 2)
True or False: Loading data into Snowflake requires that source data files be no larger than 16MB.

A. True
B. False

**Answer:** B

**Explanation:**
By default, COPY INTO location statements separate table data into a set of output files to take advantage of parallel operations. The maximum size for each file is set using the MAX_FILE_SIZE copy option. The default value is 16777216 (16 MB) but can be increased to accommodate larger files. The maximum file size supported is 5 GB for Amazon S3, Google Cloud Storage, or Microsoft Azure stages. To unload data to a single output file (at the potential cost of decreased performance), specify the SINGLE = true copy option in your statement. You can optionally specify a name for the file in the path.

**NEW QUESTION 136**
- (Exam Topic 2)
A marketing co-worker has requested the ability to change a warehouse size on their medium virtual warehouse called mktg__WH.
Which of the following statements will accommodate this request?

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

**Answer:** B

**NEW QUESTION 140**
- (Exam Topic 2)
What is a machine learning and data science partner within the Snowflake Partner Ecosystem?

A. Informatica

B. Power BI
C. Adobe
D. Data Robot

**Answer:** D

**Explanation:**
https://docs.snowflake.com/en/user-guide/ecosystem-analytics.html


**NEW QUESTION 145**
- (Exam Topic 2)
What happens when an external or an internal stage is dropped? (Select 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:** AC


**NEW QUESTION 146**
- (Exam Topic 2)
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

**Explanation:**
Query result cache is all about fetching the data from cloud services layer and saving the cost by not running the virtual warehouse.


**NEW QUESTION 150**
- (Exam Topic 2)
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

**Explanation:**
Snowflake Time Travel enables accessing historical data (i.e. data that has been changed or deleted) at any point within a defined period. It serves as a powerful tool for performing the following tasks:
➤ Restoring data-related objects (tables, schemas, and databases) that might have been accidentally or intentionally deleted.
➤ Duplicating and backing up data from key points in the past.
➤ Analyzing data usage/manipulation over specified periods of time.
https://docs.snowflake.com/en/user-guide/data-time-travel.html


**NEW QUESTION 153**
- (Exam Topic 2)
In which use cases 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:** A

**Explanation:**
Cloud providers apply data egress
charges in either of the following use cases:
➤ Data is transferred from one region to another within the same cloud platform.
➤ Data is transferred out of the cloud platform.
https://docs.snowflake.com/en/user-guide/billing-data-transfer.html#:~:text=Cloud%20providers%20apply%20d


**NEW QUESTION 156**
- (Exam Topic 2)
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

**Explanation:**
https://docs.snowflake.com/en/sql-reference/external-functions.html

**NEW QUESTION 160**
- (Exam Topic 2)
Which command is used to unload data from a Snowflake table into a file in a stage?

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

**Answer:** A

**Explanation:**
https://docs.snowflake.com/en/user-guide/data-unload-snowflake.html#:~:text=Your%20User%20Stage-,Use%2

**NEW QUESTION 165**
- (Exam Topic 2)
What is the MOST performant file format for loading data in Snowflake?

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

**Answer:** A

**NEW QUESTION 170**
- (Exam Topic 2)
Which semi-structured file formats are supported when unloading data from a table? (Select TWO).

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

**Answer:** DE

**Explanation:**
 Semi-structured JSON, Parquet
https://docs.snowflake.com/en/user-guide/data-unload-prepare.html#:~:text=Supported%20File%20Formats,-Th

**NEW QUESTION 171**
- (Exam Topic 2)
What data is stored in the Snowflake storage layer? (Select TWO).

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

**Answer:** BD

**NEW QUESTION 176**
- (Exam Topic 2)
Which command can be used to stage local files from which Snowflake interface?

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

**Answer:** A

**Explanation:**
https://docs.snowflake.com/en/user-guide/snowsql-use.html

**NEW QUESTION 181**
- (Exam Topic 2)

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

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

**Answer:** AD

**NEW QUESTION 184**
- (Exam Topic 2)
What can be used to view warehouse usage over time? (Select 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

**NEW QUESTION 187**
- (Exam Topic 2)
Which of the following Snowflake capabilities are available in all Snowflake editions? (Select 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

**Explanation:**
https://docs.snowflake.com/en/user-guide/intro-editions.html

**NEW QUESTION 188**
- (Exam Topic 2)
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

**Explanation:**
https://community.snowflake.com/s/article/Caching-in-Snowflake-Data-Warehouse

**NEW QUESTION 190**
- (Exam Topic 2)
How would you determine the size of the virtual warehouse used for a task?

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

**Answer:** C

**NEW QUESTION 195**
- (Exam Topic 2)
A user is loading JSON documents composed of a huge array containing multiple records into Snowflake. The user enables the strip outer_array file format option
What does the STRIP_OUTER_ARRAY file format do?

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

**Answer:** B

**Explanation:**

Data Size Limitations

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

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

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

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

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

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

**NEW QUESTION 200**
- (Exam Topic 2)
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

**Explanation:**
You can experiment the same with snowflake UI.

**NEW QUESTION 201**
- (Exam Topic 2)
When is the result set cache no longer available? (Select TWO)

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

**Answer:** CE

**NEW QUESTION 206**
- (Exam Topic 2)
Which of the following indicates that it may be appropriate to use a clustering key for a table? (Select 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:** AE

**NEW QUESTION 211**
- (Exam Topic 2)
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

**Explanation:**
https://docs.snowflake.com/en/user-guide/intro-editions.html

**NEW QUESTION 214**
- (Exam Topic 2)
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

**Explanation:**
https://www.phdata.io/blog/how-to-optimize-snowpipe-data-load/#:~:text=Snowpipe%20is%20typically%20use

**NEW QUESTION 217**
- (Exam Topic 3)

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

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

**Answer:** D


**NEW QUESTION 222**
- (Exam Topic 3)
What are supported file formats for unloading data from Snowflake? (Choose three.)

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

**Answer:** BCF


**NEW QUESTION 224**
- (Exam Topic 3)
What happens to the shared objects for users in a consumer account from a share, once a database has been created in that account?

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

**Answer:** B


**NEW QUESTION 226**
- (Exam Topic 3)
Snowflake supports the use of external stages with which cloud platforms? (Choose three.)

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

**Answer:** BDE


**NEW QUESTION 228**
- (Exam Topic 3)
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:** CE


**NEW QUESTION 233**
- (Exam Topic 3)
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


**NEW QUESTION 234**
- (Exam Topic 3)
What type of query benefits the MOST from search optimization?

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

**Answer:** C

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


**NEW QUESTION 236**
- (Exam Topic 3)
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:** A


**NEW QUESTION 237**
- (Exam Topic 3)
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:** C


**NEW QUESTION 238**
- (Exam Topic 3)
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:** D


**NEW QUESTION 239**
- (Exam Topic 3)
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

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/tables-temp-transient.html


**NEW QUESTION 241**
- (Exam Topic 3)
Which data type can store more than one type of data structure?

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

**Answer:** D


**NEW QUESTION 244**
- (Exam Topic 3)
The Snowflake Search Optimization Services supports improved performance of which kind of query?

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

**Answer:** C

**Explanation:**

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

**NEW QUESTION 245**
- (Exam Topic 3)
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:** B

**Explanation:**
Reference: https://www.projectpro.io/article/snowflake-architecture-what-does-snowflake-do/556

**NEW QUESTION 247**
- (Exam Topic 3)
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:** B

**NEW QUESTION 252**
- (Exam Topic 3)
How many resource monitors can be assigned at the account level?

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

**Answer:** A

**NEW QUESTION 254**
- (Exam Topic 3)
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

**NEW QUESTION 258**
- (Exam Topic 3)
What actions will prevent leveraging of the ResultSet cache? (Choose two.)

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

**Answer:** AD

**NEW QUESTION 260**
- (Exam Topic 3)
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

**NEW QUESTION 261**

- (Exam Topic 3)
Which of the following is a data tokenization integration partner?

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

**Answer:** A


**NEW QUESTION 264**
- (Exam Topic 3)
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


**NEW QUESTION 266**
- (Exam Topic 3)
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


**NEW QUESTION 271**
- (Exam Topic 3)
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


**NEW QUESTION 274**
- (Exam Topic 3)
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


**NEW QUESTION 276**
- (Exam Topic 3)
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:** B


**NEW QUESTION 277**
- (Exam Topic 3)
What is the default file size when unloading data from Snowflake using the COPY command?

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

**Answer:** C

**NEW QUESTION 280**
- (Exam Topic 3)
A user has a standard multi-cluster warehouse auto-scaling policy in place. Which condition will trigger a cluster to shut-down?

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

**Answer:** D


**NEW QUESTION 281**
- (Exam Topic 3)
Which Snowflake feature allows a user to substitute a randomly generated identifier for sensitive data, in order to prevent unauthorized users access to the data, before loading it into Snowflake?

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

**Answer:** A


**NEW QUESTION 284**
- (Exam Topic 3)
How are serverless features billed?

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

**Answer:** D


**NEW QUESTION 287**
- (Exam Topic 3)
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

**Explanation:**
Reference:
https://community.snowflake.com/s/question/0D50Z00008yHYdqSAG/auto-resume-operate-warehouse-privileg


**NEW QUESTION 290**
- (Exam Topic 3)
By default, which Snowflake role is required to create a share?

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

**Answer:** C


**NEW QUESTION 293**
- (Exam Topic 3)
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:** AE


**NEW QUESTION 294**
- (Exam Topic 3)
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

## NEW QUESTION 299
- (Exam Topic 3)
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:** B

## NEW QUESTION 304
- (Exam Topic 3)
Which command sets the Virtual Warehouse for a session?

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

**Answer:** C

**Explanation:**
Reference: https://docs.snowflake.com/en/user-guide/warehouses-tasks.html

## NEW QUESTION 308
- (Exam Topic 3)
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

## NEW QUESTION 313
- (Exam Topic 3)
What are the correct parameters for time travel and fail-safe in the Snowflake Enterprise Edition?

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

**Answer:** D

## NEW QUESTION 318
- (Exam Topic 3)
Which of the following objects are contained within a schema? (Choose two.)

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

**Answer:** CD

## NEW QUESTION 322
- (Exam Topic 3)

Which snowflake objects will incur both storage and cloud compute charges? (Select TWO)

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

**Answer:** DE

**NEW QUESTION 325**
- (Exam Topic 3)
What is the SNOWFLAKE.ACCOUNT_USAGE view that contains information about which objects were read by queries within the last 365 days (1 year)?

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

**Answer:** C

**NEW QUESTION 329**
- (Exam Topic 3)
Which statements are correct concerning the leveraging of third-party data from the Snowflake Data Marketplace? (Choose two.)

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

**Answer:** AD

**NEW QUESTION 334**
- (Exam Topic 3)
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

**NEW QUESTION 339**
- (Exam Topic 3)
Using variables in Snowflake is denoted by using which SQL character?

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

**Answer:** C

**NEW QUESTION 340**
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