

Started on Thursday, 17 April 2025, 12:47 PM**State** Finished**Completed on** Thursday, 17 April 2025, 12:53 PM**Time taken** 5 mins 38 secs**Marks** 9.00/10.00**Grade** **90.00** out of 100.00**Question 1**

Complete

Mark 1.00 out of 1.00

How does Snowflake identify and avoid loading the same file multiple times in Snowpipe?

- ☐ a. It does not avoid duplicates unless manually checked
- ☒ b. It checks the file name and stage location in the load history
- ☐ c. It stores file hash in a metadata table
- ☐ d. It uses file metadata comparison

Question 2

Complete

Mark 0.00 out of 1.00

What command can you use to check the history of data loaded by Snowpipe?

- ☐ a. SHOW LOAD HISTORY;
- ☒ b. SHOW FILES FROM STAGE ...;
- ☐ c. SELECT * FROM COPY_HISTORY(...);
- ☐ d. SELECT * FROM SNOWPIPE_LOG();

Question 3

Complete

Mark 1.00 out of 1.00

What is the primary benefit of using Snowpipe over manually running COPY INTO commands?

- ☐ a. Lower data storage cost
- ☐ b. Better support for materialized views
- ☐ c. Supports semi-structured data
- ☒ d. Real-time ingestion with no manual intervention

Question 4

Complete

Mark 1.00 out of 1.00

What Snowflake object is used to define how Snowpipe connects securely to a cloud storage location?

- ☐ a. File Format
- ☐ b. Integration
- ☒ c. Storage Integration
- ☐ d. Stage

Question 5

Complete

Mark 1.00 out of 1.00

When using Snowpipe with S3, which AWS service is typically configured to trigger ingestion?

- ☐ a. CloudWatch
- ☐ b. EC2
- ☒ c. Amazon SQS + SNS
- ☐ d. IAM

Question 6

Complete

Mark 1.00 out of 1.00

Which of the following best describes the relationship between Snowpipe and external stages?

- ☐ a. External stages must use Snowflake's own cloud storage
- ☐ b. Snowpipe automatically creates external stages if none exist
- ☐ c. Snowpipe can only work with internal stages
- ☒ d. External stages define where to read files from (e.g., S3, GCS)

Question 7

Complete

Mark 1.00 out of 1.00

Which of the following best describes the role of a Snowpipe in Snowflake?

- ☐ a. Streams real-time data from Kafka topics
- ☐ b. Batch loads large files periodically using COPY INTO
- ☒ c. Continuously loads files from a stage into a table automatically
- ☐ d. Optimizes query performance using caching

Question 8

Complete

Mark 1.00 out of 1.00

Which of the following is NOT required when setting up Snowpipe with S3 auto-ingest?

- ☐ a. A pipe with AUTO_INGEST = TRUE
- ☐ b. A stage
- ☒ c. A Snowflake virtual warehouse
- ☐ d. A file format

Question 9

Complete

Mark 1.00 out of 1.00

Which setting enables Snowpipe to use cloud storage event notifications to auto-ingest data?

- ☒ a. AUTO_INGEST = TRUE
- ☐ b. NOTIFY_ON_LOAD = TRUE
- ☐ c. ENABLE_SCHEDULED_LOAD = TRUE
- ☐ d. AUTO_TRIGGER = TRUE

Question 10

Complete

Mark 1.00 out of 1.00

Which statement about Snowpipe billing is correct?

- ☐ a. You are charged based on the size of the files staged.
- ☐ b. You are charged based on storage usage only.
- ☒ c. You are charged based on the number of rows ingested.
- ☐ d. You are charged a fixed monthly fee regardless of usage.