SNOWPRO® ASSOCIATE: PLATFORM (SOL-C01) EXAM STUDY GUIDE

Last Updated: June 9, 2025

EXAM STUDY GUIDE TABLE OF CONTENTS:

RECOMMENDATIONS FOR EXAM PREPARATION

Effective exam preparation requires more than reading and attending a training course. It involves using a variety of study and training assets to enhance your understanding of the exam content.

 First, let's review some effective strategies for exam preparation:

1) **Set a timeline**: Schedule your exam and use that date as your target date. Plan ahead and create a study plan.
2) **Understand the exam format and content:** When reviewing the exam domain percentages, pay attention to the weightings in each domain and plan your study time accordingly. Some domains will have more questions than others.
3) **Study with Snowflake assets**: Use the exam outline as a checklist. Identify the objectives and topics you understand and the objectives you feel like you need more experience with.
4) Take the **Snowflake Platform Course.**

SNOWPRO® ASSOCIATE: PLATFORM EXAM CONTENT AND FORMAT

CERTIFICATION OVERVIEW

This exam will validate that a candidate has the knowledge and skills to:

- Setup and navigate the Snowflake user interface and Snowflake Notebooks
- Create database, stages, and use compute resources
- Load and leverage structured, semi-structured, and unstructured data
- Understand Snowflake roles, and data access management
- Understand and manage the Snowflake Account structure
- Call the Snowflake Cortex LLM functions

Target Audience:

- An individual with 3+ months of knowledge using Snowflake.

EXAM FORMAT FOR PLATFORM CERTIFICATION

Exam Version:	SOL-C01
Total Number of Questions:	65
Question Types:	Multiple Select, Multiple Choice, Interactive
Time Limit:	85 minutes
Languages:	English
Passing Score:	750 + Scaled Scoring from 0 - 1000

EXAM DOMAIN AND WEIGHTINGS

The following table contains the domains and weightings covered on the exam. It is not a comprehensive listing of all the content that will be presented on the exam.

Domain	Domain Weightings
1.0 Interacting with Snowflake and the Architecture	35%
2.0 Identity and Data Access Management	15%
3.0 Data Loading and Virtual Warehouses	40%
4.0 Data Protection and Data Sharing	10%

1.0 Interacting with Snowflake and the Architecture

1.1 Outline key features and benefits of the Snowflake AI Data Cloud.

- Elastic storage
- Elastic compute
- Snowflake layers

1.2 Outline the key Snowflake user interfaces.

- Snowsight
- Snowflake Notebooks
- Worksheets
    - Python
    - SQL

1.3 Describe how to use the Snowsight user interface.

- Data loading
- Query history
- Object browsers
    - Create objects (for example: databases, schemas, stages)

1.4 Work with Snowflake Notebooks.

- Notebook sessions
- Run code
    - SQL
    - Python
    - Cell execution status
- Visualize data using Streamlit
- Python variable substitution

1.5 Describe Snowflake objects and how they fit into the Snowflake hierarchy.

- Databases
- Schemas
- Tables
- Views
- Data types

2.0 Identity and Data Access Management

2.1 Define the roles that are used in Snowflake.

- Role-Based Access Control (RBAC)
  - Explain role hierarchy
- Role types
- Privileges
- Object access by role

2.2 Create a database, explore data, configure parameters, and transfer ownership.

- Use database objects
  - Use the `INFORMATION_SCHEMA`
  - Use the `PUBLIC SCHEMA`
- Understand context
- Transfer ownership
- Create and drop schemas
- Run basic SQL commands
  - `EXCLUDE`
  - `SELECT *`
  - `LIMIT`

3.0 Data Loading and Virtual Warehouses

3.1 Describe considerations when working with structured and semi-structured data.

- Stages
- Loading data
  - Structured data
  - Semi-structured data
- Querying data
  - Structured data
  - Semi-structured data
- Commands
  - `COPY INTO`
  - `INSERT`
  - `LIST`

3.2 Explain virtual warehouses.

- Standard warehouses compared to multi-clustered warehouses
- Warehouse sizing
- Warehouse scaling
  - Scaling in or out
  - Scaling up or down

3.3 Create tables in Snowflake and load data into the tables.

- Use Snowsight to identify particular tables
- View the table definition
- Preview the table data
- Use `INSERT` statements to load data
- Use Snowsight to load data
- Use `COPY INTO <table>` statements
  - File format options

3.4 Explain how to work with unstructured data.

- Directory tables
  - Enable
  - Use of `SELECT` statements
- Use of Pre-signed URLs
  - `Function` argument

3.5 Explain how to use Snowflake Cortex LLM functions.

- `PARSE_DOCUMENT` function
- `TRANSLATE` function
- `CLASSIFY_TEXT` function
- `COMPLETE` function

4.0 Data Protection and Data Sharing

4.1 Outline continuous data protection with Snowflake.

- Time Travel
- Cloning

4.2 Define Snowflake data sharing capabilities.

- Snowflake Marketplace
  - Search listings
- Data Exchange
  - Use a private data share

SNOWPRO® ASSOCIATE: PLATFORM SAMPLE QUESTIONS

1. What MOST accurately describes Snowflake?

   A. A data warehouse software
   B. An ETL tool
   C. An AI data cloud platform*
   D. A transactional database

2. Which task is performed in the Cloud Services layer in the Snowflake architecture?

   A. Optimizing SQL queries*
   B. Scaling warehouses up and down
   C. Managing user roles
   D. Optimizing network traffic

3. What is the purpose of using the `SHOW GRANTS ON` SQL command for a specific object?

   A. To list all users in the account
   B. To list all roles in the account
   C. To list all privileges granted on the object*
   D. To list all databases that have access to the object

4. What will occur if a virtual warehouse size is increased from Small to Medium?

   A. Query scheduling will be optimized.
   B. Additional user roles will be available in the warehouse.
   C. Additional micro-partitions will be created in the warehouse.
   D. The compute capacity will be doubled.*

5. What is the PRIMARY purpose for using the `PARSE_DOCUMENT` function when using a Cortex LLM?

   A. To analyze the sentiment of the content in a document
   B. To extract content from a document*
   C. To summarize the key points in a document into concise text
   D. To translate the content of a document from one language to another

NEXT STEPS

REGISTERING FOR YOUR EXAM

When you are ready to register for the exam navigate here to get started. Select the exam you want to take and click “Register Now”. This will take you to our Certification Management system where you will register to take the exam.

MAINTAINING YOUR CERTIFICATION

All Snowflake Certifications expire two (2) years after your certification issue date.

SnowPro Certifications can now be recertified through the Snowflake Continuing Education (CE) program which includes these options -

- Completion of eligible Snowflake Instructor Led (ILT) Training Courses
- Earning of an equivalent or higher-level SnowPro Certification

Note: You must have a valid Certification to participate in the Continuing Education (CE) program.