ARA-C01無料サンプル & ARA-C01前提条件

さらに、It-Passports ARA-C01ダンプの一部が現在無料で提供されています：https://drive.google.com/open?id=1B3tQr3oM2ILfDfZp1GPuo19TZA1ISjFD

経済の急速な発展に伴い、私たちに対する社会の要求はますます高くなっています。 ARA-C01認定を取得できれば、社会での競争力が高まります。 ARA-C01学習資料は、適切な認定を取得するのに役立ちます。信じてください。ARA-C01学習教材を使用すると、作業効率が向上します。 ARA-C01の無料のトレーニング資料は、他の人よりも労働市場で目立つようにし、より多くの機会があなたを見つけるためのイニシアチブを取ります。

他人の気付いていないときに、だんだんSnowflakeのARA-C01試験成功したいのですか？我が社はIT資格認証試験資料の販売者として、いつまでもできご客様に相応しく信頼できるARA-C01問題集を提供できます。あなたのすべての需要を満たすためには、一緒に努力します。躊躇われずに我々の模試験を利用してみてください。全力を尽くせば、ARA-C01試験の合格も可能となります。

>> ARA-C01無料サンプル <<

効率的な ARA-C01無料サンプル & 合格スムーズ ARA-C01前提条件 | 真実的な ARA-C01関連日本語内容 SnowPro Advanced Architect Certification

当社It-Passportsは、優れた職人技と成熟したサービスシステムを備えた専門家グループを作り上げました。ARA-C01の最新の質問の品質は高いです。なぜなら、私たちの専門家チームが実際の試験のニーズに応じてそれらを整理および編集し、試験に関するすべての情報の本質を抽出したからです。したがって、当社のARA-C01認定ツールは、同種の学習教材の中でもブティックです。高品質のARA-C01試験準備のための熱心な追求により、最高ランクのARA-C01テストガイドが作成され、販売量が常に増加しています。

Snowflake SnowPro Advanced Architect Certification 認定 ARA-C01 試験問

題 (Q149-Q154):

質問 #149

A company's daily Snowflake workload consists of a huge number of concurrent queries triggered between
9pm and 11pm. At the individual level, these queries are smaller statements that get completed within a short time period.
What configuration can the company's Architect implement to enhance the performance of this workload?
(Choose two.)

- A. Set the connection timeout to a higher value than its default.
- B. Set the MAX_CONCURRENCY_LEVEL to a higher value than its default value of 8 at the virtual warehouse level.
- C. Reduce the amount of data that is being processed through this workload.
- D. Increase the size of the virtual warehouse to size X-Large.
- E. Enable a multi-clustered virtual warehouse in maximized mode during the workload duration.

正解：B、E

解説：
These two configuration options can enhance the performance of the workload that consists of a huge number of concurrent queries that are smaller and faster.
* Enabling a multi-clustered virtual warehouse in maximized mode allows the warehouse to scale out automatically by adding more clusters as soon as the current cluster is fully loaded, regardless of the number of queries in the queue. This can improve the concurrency and throughput of the workload by minimizing or preventing queuing. The maximized mode is suitable for workloads that require high performance and low latency, and are less sensitive to credit consumption1.
* Setting the MAX_CONCURRENCY_LEVEL to a higher value than its default value of 8 at the virtual warehouse level allows the warehouse to run more queries concurrently on each cluster. This can
* improve the utilization and efficiency of the warehouse resources, especially for smaller and faster queries that do not require a lot of processing power. The MAX_CONCURRENCY_LEVEL parameter can be set when creating or modifying a warehouse, and it can be changed at any time2.
References:
* Snowflake Documentation: Scaling Policy for Multi-cluster Warehouses
* Snowflake Documentation: MAX_CONCURRENCY_LEVEL

質問 #150

Two queries are run on the customer_address table:
create or replace TABLE CUSTOMER_ADDRESS (CA_ADDRESS_SK NUMBER(38,0), CA_ADDRESS_ID
VARCHAR(16), CA_STREET_NUMBER VARCHAR(IO) CA_STREET_NAME VARCHAR(60), CA_STREET_TYPE
VARCHAR(15), CA_SUITE_NUMBER VARCHAR(10), CA_CITY VARCHAR(60), CA_COUNTY VARCHAR(30),
CA_STATE VARCHAR(2), CA_ZIP VARCHAR(10), CA_COUNTRY VARCHAR(20), CA_GMT_OFFSET
NUMBER(5,2), CA_LOCATION_TYPE VARCHAR(20)); ALTER TABLE
DEMO_DB.DEMO_SCH.CUSTOMER_ADDRESS ADD SEARCH OPTIMIZATION ON
SUBSTRING(CA_ADDRESS_ID); Which queries will benefit from the use of the search optimization service? (Select TWO).

- A. select * from DEMO_DB.DEMO_SCH.CUSTOMER_ADDRESS Where CA_ADDRESS_ID NOT LIKE '%AAAAAAAAPHPPL%';
- B. select * from DEMO_DB.DEMO_SCH.CUSTOMER_ADDRESS Where CA_ADDRESS_ID LIKE '%PHPP%';
- C. select * from DEMO_DB.DEMO_SCH.CUSTOMER_ADDRESS Where CA_ADDRESS_ID= substring('AAAAAAAAPHPPLBAAASKDJHASLKDJHASKJD',1,16);
- D. select * from DEMO_DB.DEMO_SCH.CUSTOMER_ADDRESS Where substring(CA_ADDRESS_ID,1,8)= substring('AAAAAAAAPHPPLBAAASKDJHASLKDJHASKJD',1,8);
- E. select * from DEMO_DB.DEMO_SCH.CUSTOMER_ADDRESS Where CA_ADDRESS_ID LIKE '%BAAASKD%';

正解：C、D

解説：
The use of the search optimization service in Snowflake is particularly effective when queries involve operations that match exact substrings or start from the beginning of a string. The ALTER TABLE command adding search optimization specifically for substrings on the CA_ADDRESS_ID field allows the service to create an optimized search path for queries using substring matches.
Option A benefits because it directly matches a substring from the start of the CA_ADDRESS_ID, aligning with the optimization's capability to quickly locate records based on the beginning segments of strings.

Option B also benefits, despite performing a full equality check, because it essentially compares the full length of CA_ADDRESS_ID to a substring, which can leverage the substring index for efficient retrieval.

Options C, D, and E involve patterns that do not start from the beginning of the string or use negations, which are not optimized by the search optimization service configured for starting substring matches.

Reference: Snowflake's documentation on the use of search optimization for substring matching in SQL queries.

質問 # 151

A company needs to have the following features available in its Snowflake account:

1. Support for Multi-Factor Authentication (MFA)
2. A minimum of 2 months of Time Travel availability
3. Database replication in between different regions
4. Native support for JDBC and ODBC
5. Customer-managed encryption keys using Tri-Secret Secure
6. Support for Payment Card Industry Data Security Standards (PCI DSS)

In order to provide all the listed services, what is the MINIMUM Snowflake edition that should be selected during account creation?

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

正解：A

解説：

According to the Snowflake documentation1, the Business Critical edition offers the following features that are relevant to the question:

Support for Multi-Factor Authentication (MFA): This is a standard feature available in all Snowflake editions1.

A minimum of 2 months of Time Travel availability: This is an enterprise feature that allows users to access historical data for up to 90 days1.

Database replication in between different regions: This is an enterprise feature that enables users to replicate databases across different regions or cloud platforms1.

Native support for JDBC and ODBC: This is a standard feature available in all Snowflake editions1.

Customer-managed encryption keys using Tri-Secret Secure: This is a business critical feature that provides enhanced security and data protection by allowing customers to manage their own encryption keys1.

Support for Payment Card Industry Data Security Standards (PCI DSS): This is a business critical feature that ensures compliance with PCI DSS regulations for handling sensitive cardholder data1.

Therefore, the minimum Snowflake edition that should be selected during account creation to provide all the listed services is the Business Critical edition.

Reference:
Snowflake Editions | Snowflake Documentation

質問 # 152

An Architect is troubleshooting a query with poor performance using the QUERY function. The Architect observes that the COMPILATION_TIME Is greater than the EXECUTION_TIME.
What is the reason for this?

- A. The query has overly complex logic.
- B. The query Is queued for execution.
- C. The query is processing a very large dataset.
- D. The query Is reading from remote storage

正解：A

解説：

* The correct answer is B because the compilation time is the time it takes for the optimizer to create an optimal query plan for the efficient execution of the query. The compilation time depends on the complexity of the query, such as the number of tables, columns, joins, filters, aggregations, subqueries, etc. The more complex the query, the longer it takes to compile.

* Option A is incorrect because the query processing time is not affected by the size of the dataset, but by the size of the virtual

warehouse. Snowflake automatically scales the compute resources to match the data volume and parallelizes the query execution. The size of the dataset may affect the execution time, but not the compilation time.

* Option C is incorrect because the query queue time is not part of the compilation time or the execution time. It is a separate metric that indicates how long the query waits for a warehouse slot before it starts

* running. The query queue time depends on the warehouse load, concurrency, and priority settings.

* Option D is incorrect because the query remote IO time is not part of the compilation time or the execution time. It is a separate metric that indicates how long the query spends reading data from remote storage, such as S3 or Azure Blob Storage. The query remote IO time depends on the network latency, bandwidth, and caching efficiency. References:

* Understanding Why Compilation Time in Snowflake Can Be Higher than Execution Time: This article explains why the total duration (compilation + execution) time is an essential metric to measure query performance in Snowflake. It discusses the reasons for the long compilation time, including query complexity and the number of tables and columns.

* Exploring Execution Times: This document explains how to examine the past performance of queries and tasks using Snowsight or by writing queries against views in the ACCOUNT_USAGE schema. It also describes the different metrics and dimensions that affect query performance, such as duration, compilation, execution, queue, and remote IO time.

* What is the "compilation time" and how to optimize it?: This community post provides some tips and best practices on how to reduce the compilation time, such as simplifying the query logic, using views or common table expressions, and avoiding unnecessary columns or joins.

質問 # 153

A company's client application supports multiple authentication methods, and is using Okta.
What is the best practice recommendation for the order of priority when applications authenticate to Snowflake?

- A. 1) Password
  2) Key Pair Authentication, mostly used for production environment users
  3) Okta native authentication
  4) OAuth (either Snowflake OAuth or External OAuth)
  5) External browser, SSO
- B. 1) OAuth (either Snowflake OAuth or External OAuth)
  2) External browser
  3) Okta native authentication
  4) Key Pair Authentication, mostly used for service account users
  5) Password
- C. 1) Okta native authentication
  2) Key Pair Authentication, mostly used for production environment users
  3) Password
  4) OAuth (either Snowflake OAuth or External OAuth)
  5) External browser, SSO
- D. 1) External browser, SSO
  2) Key Pair Authentication, mostly used for development environment users
  3) Okta native authentication
  4) OAuth (ether Snowflake OAuth or External OAuth)
  5) Password

正解： B

解説：
Explanation
* This is the best practice recommendation for the order of priority when applications authenticate to Snowflake, according to the Snowflake documentation and the web search results. Authentication is the process of verifying the identity of a user or application that connects to Snowflake. Snowflake supports multiple authentication methods, each with different advantages and disadvantages. The recommended order of priority is based on the following factors:
* Security: The authentication method should provide a high level of security and protection against unauthorized access or data breaches. The authentication method should also support multi-factor authentication (MFA) or single sign-on (SSO) for additional security.
* Convenience: The authentication method should provide a smooth and easy user experience, without requiring complex or manual steps. The authentication method should also support seamless integration with external identity providers or applications.
* Flexibility: The authentication method should provide a range of options and features to suit different use cases and scenarios. The authentication method should also support customization and configuration to meet specific requirements.
Based on these factors, the recommended order of priority is:
* OAuth (either Snowflake OAuth or External OAuth): OAuth is an open standard for authorization that allows applications to

access Snowflake resources on behalf of a user, without exposing the user's credentials. OAuth provides a high level of security, convenience, and flexibility, as it supports MFA, SSO, token-based authentication, and various grant types and scopes. OAuth can be implemented using either Snowflake OAuth or External OAuth, depending on the identity provider and the application12.

* External browser: External browser is an authentication method that allows users to log in to Snowflake using a web browser and an external identity provider, such as Okta, Azure AD, or Ping Identity.

External browser provides a high level of security and convenience, as it supports MFA, SSO, and federated authentication. External browser also provides a consistent user interface and experience across different platforms and devices34.

* Okta native authentication: Okta native authentication is an authentication method that allows users to log in to Snowflake using Okta as the identity provider, without using a web browser. Okta native authentication provides a high level of security and convenience, as it supports MFA, SSO, and federated authentication. Okta native authentication also provides a native user interface and experience for Okta users, and supports various Okta features, such as password policies and user management56.

* Key Pair Authentication: Key Pair Authentication is an authentication method that allows users to log in to Snowflake using a public-private key pair, without using a password. Key Pair Authentication provides a high level of security, as it relies on asymmetric encryption and digital signatures. Key Pair Authentication also provides a flexible and customizable authentication option, as it supports various key formats, algorithms, and expiration times. Key Pair Authentication is mostly used for service account users, such as applications or scripts that connect to Snowflake programmatically7 .

* Password: Password is the simplest and most basic authentication method that allows users to log in to Snowflake using a username and password. Password provides a low level of security, as it relies on symmetric encryption and is vulnerable to brute force attacks or phishing. Password also provides a low level of convenience and flexibility, as it requires manual input and management, and does not support MFA or SSO. Password is the least recommended authentication method, and should be used only as a last resort or for testing purposes .

References:

* Snowflake Documentation: Snowflake OAuth
* Snowflake Documentation: External OAuth
* Snowflake Documentation: External Browser Authentication
* Snowflake Blog: How to Use External Browser Authentication with Snowflake
* Snowflake Documentation: Okta Native Authentication
* Snowflake Blog: How to Use Okta Native Authentication with Snowflake
* Snowflake Documentation: Key Pair Authentication
* [Snowflake Blog: How to Use Key Pair Authentication with Snowflake]
* [Snowflake Documentation: Password Authentication]
* [Snowflake Blog: How to Use Password Authentication with Snowflake]

質問＃154

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最近では、コンピューター支援ソフトウェアを使用してARA-C01試験に合格することが新しいトレンドになっています。新しい技術には明確な利点があるため、便利で包括的です。この傾向を追うために、当社の製品はARA-C01試験問題を提供しており、従来の方法と斬新な方法を組み合わせて学習することができます。教材の合格率は最大99％です。一度にARA-C01認定資格を取得できない場合は、目標に到達して夢が実現するまで、さまざまな割引でARA-C01製品を無制限に使用できます。

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目の前がグルグルと回り出す、なんだ、ほのちゃん、携帯電話やタブレットなどのデジタル機器は、エンターテイメントのためのディバイスであるだけでなく、学習に便利なツールとして扱うことができます、Snowflake ARA-C01試験認証証明書を持つ皆様は面接のとき、他の面接人員よりもっと多くのチャンスがあります。

効率的ARA-C01無料サンプル & 資格試験のリーダー & 素晴らしい Snowflake SnowPro Advanced Architect Certification

ARA-C01テストの質問が最良の選択です、すべての関係者の共同の努力により、当社は非常に便利で有用な ARA-C01学習教材を設計しました、すべての人に適用される三つのバージョン。

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- ARA-C01テストトレーニング □ ARA-C01資料勉強 □ ARA-C01テストトレーニング □ ➡ www.goshiken.com □で ➤ ARA-C01 □を検索して、無料でダウンロードしてくださいARA-C01試験関連情報
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さらに、It-Passports ARA-C01ダンプの一部が現在無料で提供されています：https://drive.google.com/open?id=1B3tQr3oM2ILfDfZp1GPuo19TZA1ISjFD