

DEA-C01 Zertifizierungsfragen & DEA-C01 Prüfungsaufgaben



Außerdem sind jetzt einige Teile dieser ZertFragen DEA-C01 Prüfungsfragen kostenlos erhältlich: <https://drive.google.com/open?id=1bFi-vpOz5wup25sjsfkIU4cfRVObUF-6>

DEA-C01 ist eine der Snowflake Zertifizierungsprüfungen. IT-Fachmann mit Snowflake Zertifikat sind sehr beliebt in der IT-Branche. Deshalb legen immer mehr Leute die DEA-C01 Zertifizierungsprüfung. Jedoch ist es nicht so einfach, die Snowflake DEA-C01 Zertifizierungsprüfung zu bestehen. Wenn Sie nicht an den entsprechenden Kursen teilnehmen, brauchen Sie viel Zeit und Energie, sich auf die Prüfung vorzubereiten. Nun kann ZertFragen Ihnen viel Zeit und Energie ersparen.

Snowflake DEA-C01 Prüfungsplan:

Thema	Einzelheiten
Thema 1	• Data Transformation: The SnowPro Advanced: Data Engineer exam evaluates skills in using User-Defined Functions (UDFs), external functions, and stored procedures. It assesses the ability to handle semi-structured data and utilize Snowpark for transformations. This section ensures Snowflake engineers can effectively transform data within Snowflake environments, critical for data manipulation tasks.
Thema 2	• Storage and Data Protection: The topic tests the implementation of data recovery features and the understanding of Snowflake's Time Travel and micro-partitions. Engineers are evaluated on their ability to create new environments through cloning and ensure data protection, highlighting essential skills for maintaining Snowflake data integrity and accessibility.
Thema 3	• Security: The Security topic of the DEA-C01 test covers the principles of Snowflake security, including the management of system roles and data governance. It measures the ability to secure data and ensure compliance with policies, crucial for maintaining secure data environments for Snowflake Data Engineers and Software Engineers.
Thema 4	• Data Movement: Snowflake Data Engineers and Software Engineers are assessed on their proficiency to load, ingest, and troubleshoot data in Snowflake. It evaluates skills in building continuous data pipelines, configuring connectors, and designing data sharing solutions.
Thema 5	• Performance Optimization: This topic assesses the ability to optimize and troubleshoot underperforming queries in Snowflake. Candidates must demonstrate knowledge in configuring optimal solutions, utilizing caching, and monitoring data pipelines. It focuses on ensuring engineers can enhance performance based on specific scenarios, crucial for Snowflake Data Engineers and Software Engineers.

DEA-C01 Aktuelle Prüfung - DEA-C01 Prüfungsguide & DEA-C01 Praxisprüfung

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Snowflake SnowPro Advanced: Data Engineer Certification Exam DEA-C01 Prüfungsfragen mit Lösungen (Q98-Q103):

98. Frage

Mark the Correct Statements for the VALIDATION_MODE option used by Data Engineer for Data loading operations in his/her COPY INTO <table> command:

- A. VALIDATION_MODE instructs the COPY command to validate the data files instead of loading them into the specified table; i.e., the COPY command tests the files for errors but does not load them.
- B. VALIDATION_MODE does not support COPY statements that transform data during a load. If the parameter is specified, the COPY statement returns an error.
- C. VALIDATION_MODE option supported these values:
RETURN_n_ROWS,
RETURN_ERRORS,
RETURN_ALL_ERRORS
- D. VALIDATION_MODE only support Data loading operation i.e., do not work while data unloading.

Antwort: A,B,C

Begründung:

Explanation

All the Statements are correct except the statement saying VALIDATION_MODE only support Data loading operation.

VALIDATION_MODE can be used with COPY INTO <location> command as well i.e for data unloading operation.

VALIDATION_MODE = RETURN_ROWS can be used at the time of Data unloading.

This option instructs the COPY command to return the results of the query in the SQL statement instead of unloading the results to the specified cloud storage location. The only supported validation option is RETURN_ROWS. This option returns all rows produced by the query.

When you have validated the query, you can remove the VALIDATION_MODE to perform the unload operation.

99. Frage

A company is planning to migrate on-premises Apache Hadoop clusters to Amazon EMR. The company also needs to migrate a data catalog into a persistent storage solution.

The company currently stores the data catalog in an on-premises Apache Hive metastore on the Hadoop clusters. The company requires a serverless solution to migrate the data catalog.

Which solution will meet these requirements MOST cost-effectively?

- A. Configure a Hive metastore in Amazon EMR. Migrate the existing on-premises Hive metastore into Amazon EMR. Use AWS Glue Data Catalog to store the company's data catalog as an external data catalog.
- B. Configure a new Hive metastore in Amazon EMR. Migrate the existing on-premises Hive metastore into Amazon EMR. Use the new metastore as the company's data catalog.
- C. Configure an external Hive metastore in Amazon EMR. Migrate the existing on-premises Hive metastore into Amazon EMR. Use Amazon Aurora MySQL to store the company's data catalog.
- D. Use AWS Database Migration Service (AWS DMS) to migrate the Hive metastore into Amazon S3. Configure AWS Glue Data Catalog to scan Amazon S3 to produce the data catalog.

Antwort: A

Begründung:

<https://aws.amazon.com/blogs/big-data/migrate-and-deploy-your-apache-hive-metastore-on-amazon-emr/> Migrating the Hive metastore into Amazon EMR and using AWS Glue Data Catalog as an external catalog provides a balance between leveraging the scalable and managed services of AWS (like EMR and Glue Data Catalog) and ensuring a smooth transition from the on-premises

setup. This approach leverages the serverless nature of AWS Glue Data Catalog, minimizing operational overhead and potentially reducing costs compared to managing database servers.

100. Frage

Marko, a Data Engineer is using Snowpipe for data loading in micro batches for one of the Finance Data workloads. There are set of files he attempted to load into the snowflake table using Snow-pipe. While monitoring he found that there are set of files has multiple issue, He queried the COPY_HISTORY view & checked the STATUS column which indicates whether a particular set of files was loaded, partially loaded, or failed to load. But he wants to view all errors in the files along with Load status, how he can check all errors?

- A. He can check RETURN_ALL_ERROR_MESSAGE column in the COPY_HISTORY view which can provides a reason and view all errors in the files.
- **B. He can view all errors in the files, by executing a COPY INTO <table> statement with the VALIDATION_MODE copy option set to RETURN_ALL_ERRORS.**
- C. He can view all errors in the files, by executing a COPY INTO <table> statement with the VALIDATION_ERROR_MODE copy option set to RETURN_ALL_PIPE_ERRORS.
- D. Marko can look out for FIRST_ERROR_MESSAGE column in the COPY_HISTORY view which can provides a reason why a file partially loaded or failed for all the files.

Antwort: B

Begründung:

Explanation

The STATUS column indicates whether a particular set of files was loaded, partially loaded, or failed to load.

The FIRST_ERROR_MESSAGE column provides a reason when an attempt partial-ly loaded or failed.

Note that if a set of files has multiple issues, the FIRST_ERROR_MESSAGE column only indicates the first error encountered. To view all errors in the files, execute a COPY INTO <table> statement with the VALIDATION_MODE copy option set to RETURN_ALL_ERRORS. The VALIDATION_MODE copy option instructs a COPY statement to validate the data to be loaded and return results based on the validation option specified. No data is loaded when this copy option is specified.

101. Frage

A company needs to implement a data mesh architecture in which domains for trading, risk, and compliance teams each have own their data. The teams need to share specific views with one another. The teams have over 1,000 tables across 50 databases in AWS Glue Data Catalog. All three teams use Amazon Athena to perform on-demand analysis. The teams use Amazon Redshift to generate complex reports. The compliance team must audit all data access. Access to personally identifiable information (PII) data must be restricted.

The company requires a scalable solution to meet the team requirements. The solution must provide the ability to perform analysis across team domains.

Which solution will meet these requirements?

- A. Use AWS Glue Data Catalog views to perform analysis. Use AWS CloudTrail logs to audit data access. Use AWS Lake Formation to manage access permissions. Use security definer views to mask PII.
- B. Create materialized views and enable Amazon Redshift datashares for each domain. Configure cross-domain access policies.
- C. Create views in Athena for on-demand analysis. Use the Athena views in Amazon Redshift to perform cross-domain analytics. Use AWS CloudTrail to audit data access. Use AWS Lake Formation to establish fine-grained access control.
- **D. Use AWS Lake Formation to set up cross-domain access to tables. Set up fine-grained access controls.**

Antwort: D

Begründung:

AWS Lake Formation provides centralized, fine-grained governance (LF-Tags, column/row-level permissions) across domains, integrates with Athena and Redshift for cross-domain analytics, and supports comprehensive auditing via Lake Formation access logs and CloudTrail meeting scalability, PII restriction, and audit requirements.

102. Frage

Mohan, Data engineer works with ALTUSO Company, wants to programmatically check the status of the query. He needs query id

to identify each query executed by Snowflake & using Snowflake Connector for Python to execute a query, how he will be able to meet this requirements. Select the best options you will suggest?

- A. When he used the Snowflake Connector for Python to execute a query, he can access the query ID through the pyqueryid attribute in the Cursor object.
- **B. He can access the query ID through the sfqid attribute in the Cursor object.**
1.cur = con.cursor()
2.cur.execute("SELECT * FROM snowtable")
3.print(cur.sfqid)
- C. Using python connector, snowflake does not support queryID retrieval for both syn-chronous & asynchronous query.
- D. He needs to query history views to get the queryID as best practices.

Antwort: B

Begründung:

Explanation

Retrieving the Snowflake Query ID

A query ID identifies each query executed by Snowflake. When you use the Snowflake Connector for Python to execute a query, you can access the query ID through the sfqid attribute in the Cursor object:

```
1.# Retrieving a Snowflake Query ID
2.cur = con.cursor()
3.cur.execute("SELECT * FROM testtable")
4.print(cur.sfqid)
```

103. Frage

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Sind Sie neugierig, warum so viele Menschen die schwierige Snowflake DEA-C01 Prüfung bestehen können? Ich können Sie beantworten. Der Kunstgriff ist, dass Sie haben die Prüfungsunterlagen der Snowflake DEA-C01 von unsere ZertFragen benutzt. Wir bieten Ihnen: reichliche Prüfungsaufgaben, professionelle Untersuchung und einjährige kostenlose Aktualisierung nach dem Kauf. Mit Hilfe der Snowflake DEA-C01 Prüfungsunterlagen können Sie wirklich die Erhöhung Ihrer Fähigkeit empfinden. Sie können auch das echte Zertifikat der Snowflake DEA-C01 erwerben!

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