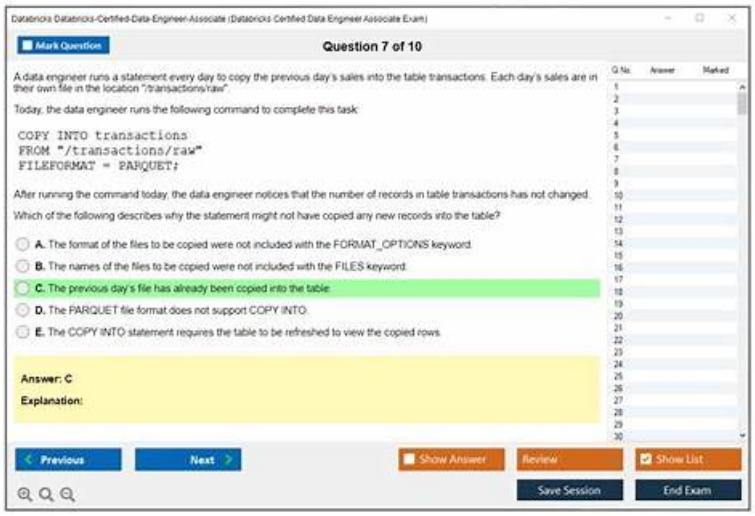
Exam Amazon Data-Engineer-Associate Lab Questions, Reliable Data-Engineer-Associate Test Review



What's more, part of that PrepAwayTest Data-Engineer-Associate dumps now are free: https://drive.google.com/open?id=1qr8irH0S1UL-BqC73j4k0TNSJrPs2iqk

Our Data-Engineer-Associate exam torrent is highly regarded in the market of this field and come with high recommendation. Choosing our Data-Engineer-Associate exam guide will be a very promising start for you to begin your exam preparation because our Data-Engineer-Associate practice materials with high repute. We remunerate exam candidates who fail the Data-Engineer-Associate Exam Torrent after choosing our Data-Engineer-Associate study tools, which kind of situation is rare but we still support your dream and help you avoid any kind of loss. Just try it do it, and we will be your strong backup.

About the dynamic change of our Data-Engineer-Associate guide quiz, they will send the updates to your mailbox according to the trend of the exam. Besides, we understand you may encounter many problems such as payment or downloading Data-Engineer-Associate practice materials and so on, contact with us, we will be there. Our employees are diligent to deal with your need and willing to do their part 24/7. They always treat customers with courtesy and respect to satisfy your need on our Data-Engineer-Associate Exam Dumps.

>> Exam Amazon Data-Engineer-Associate Lab Questions <<

Reliable Amazon Data-Engineer-Associate Test Review | New Study Data-Engineer-Associate Questions

The pass rate is 98.65%, and we pass guarantee and money back guarantee if you fail to pass the exam by using Data-Engineer-Associate learning materials of us. We have a broad market in the world with the high quality of Data-Engineer-Associate exam dumps, and if you choose us we will help you pass the exam just one time. In addition Data-Engineer-Associate Training Materials of us also have free update for one year after purchasing. We also have the professional service stuff to answer all questions of you. If you have a try, you will never regret.

Amazon AWS Certified Data Engineer - Associate (DEA-C01) Sample Questions (Q78-Q83):

NEW QUESTION # 78
A company uses Amazon S3 to store data and Amazon QuickSight to create visualizations.
The company has an S3 bucket in an AWS account named Hub-Account. The S3 bucket is encrypted by an AWS Key Management Service (AWS KMS) key. The company's QuickSight instance is in a separate account named BI-Account The company updates the S3 bucket policy to grant access to the QuickSight service role. The company wants to enable cross-account access to allow QuickSight to interact with the S3 bucket.
Which combination of steps will meet this requirement? (Select TWO.)

- A. Use AWS Resource Access Manager (AWS RAM) to share the S3 bucket with the Bl-Account account.
- B. Add an IAM policy to the QuickSight service role to give QuickSight access to the KMS key that encrypts the S3 bucket.
- C. Use the existing AWS KMS key to encrypt connections from QuickSight to the S3 bucket.
- D. Add the 53 bucket as a resource that the QuickSight service role can access.
- E. Add the KMS key as a resource that the QuickSight service role can access.

Answer: B,E

Explanation:
Problem Analysis:
The company needs cross-account access to allow QuickSight in BI-Account to interact with an S3 bucket in Hub-Account.
The bucket is encrypted with an AWS KMS key.
Appropriate permissions must be set for both S3 access and KMS decryption.
Key Considerations:
QuickSight requires IAM permissions to access S3 data and decrypt files using the KMS key.
Both S3 and KMS permissions need to be properly configured across accounts.
Solution Analysis:
Option A: Use Existing KMS Key for Encryption
While the existing KMS key is used for encryption, it must also grant decryption permissions to QuickSight.
Option B: Add S3 Bucket to QuickSight Role
Granting S3 bucket access to the QuickSight service role is necessary for cross-account access.
Option C: AWS RAM for Bucket Sharing
AWS RAM is not required; bucket policies and IAM roles suffice for granting cross-account access.
Option D: IAM Policy for KMS Access
QuickSight's service role in BI-Account needs explicit permissions to use the KMS key for decryption.
Option E: Add KMS Key as Resource for Role
The KMS key must explicitly list the QuickSight role as an entity that can access it.
Implementation Steps:
S3 Bucket Policy in Hub-Account:Add a policy to the S3 bucket granting the QuickSight service role access:
json
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Principal": { "AWS": "arn:aws:iam::<BI-Account-ID>:role/service-role/QuickSightRole" },
"Action": "s3:GetObject",
"Resource": "arn:aws:s3:::<Bucket-Name>/*"
}
]
}
KMS Key Policy in Hub-Account:Add permissions for the QuickSight role:
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Principal": { "AWS": "arn:aws:iam::<BI-Account-ID>:role/service-role/QuickSightRole" },
"Action": [
"kms:Decrypt",
"kms:DescribeKey"
],
"Resource": "*"
}
]
}
IAM Policy for QuickSight Role in BI-Account:Attach the following policy to the QuickSight service role:
{
"Version": "2012-10-17",
"Statement": [
{

"Effect": "Allow",
"Action": [
"s3:GetObject",
"kms:Decrypt"
],
"Resource": [
"arn:aws:s3:::<Bucket-Name>/*",
"arn:aws:kms:<region>:<Hub-Account-ID>:key/<KMS-Key-ID>"
]
}
]
}
Setting Up Cross-Account S3 Access
AWS KMS Key Policy Examples
Amazon QuickSight Cross-Account Access

NEW QUESTION # 79
A company uses an Amazon QuickSight dashboard to monitor usage of one of the company's applications.
The company uses AWS Glue jobs to process data for the dashboard. The company stores the data in a single Amazon S3 bucket.
The company adds new data every day.
A data engineer discovers that dashboard queries are becoming slower over time. The data engineer determines that the root cause of the slowing queries is long-running AWS Glue jobs.
Which actions should the data engineer take to improve the performance of the AWS Glue jobs? (Choose two.)

- A. Convert the AWS Glue schema to the DynamicFrame schema class.
- B. Adjust AWS Glue job scheduling frequency so the jobs run half as many times each day.
- C. Increase the AWS Glue instance size by scaling up the worker type.
- D. Modify the 1AM role that grants access to AWS glue to grant access to all S3 features.
- E. Partition the data that is in the S3 bucket. Organize the data by year, month, and day.

Answer: C,E

Explanation:
Partitioning the data in the S3 bucket can improve the performance of AWS Glue jobs by reducing the amount of data that needs to be scanned and processed. By organizing the data by year, month, and day, the AWS Glue job can use partition pruning to filter out irrelevant data and only read the data that matches the query criteria. This can speed up the data processing and reduce the cost of running the AWS Glue job.
Increasing the AWS Glue instance size by scaling up the worker type can also improve the performance of AWS Glue jobs by providing more memory and CPU resources for the Spark execution engine. This can help the AWS Glue job handle larger data sets and complex transformations more efficiently. The other options are either incorrect or irrelevant, as they do not affect the performance of the AWS Glue jobs. Converting the AWS Glue schema to the DynamicFrame schema class does not improve the performance, but rather provides additional functionality and flexibility for data manipulation. Adjusting the AWS Glue job scheduling frequency does not improve the performance, but rather reduces the frequency of data updates. Modifying the IAM role that grants access to AWS Glue does not improve the performance, but rather affects the security and permissions of the AWS Glue service.
References:
Optimising Glue Scripts for Efficient Data Processing: Part 1 (Section: Partitioning Data in S3) Best practices to optimize cost and performance for AWS Glue streaming ETL jobs (Section: Development tools) Monitoring with AWS Glue job run insights (Section: Requirements) AWS Certified Data Engineer - Associate DEA-C01 Complete Study Guide (Chapter 5, page 133)

NEW QUESTION # 80
A healthcare company uses Amazon Kinesis Data Streams to stream real-time health data from wearable devices, hospital equipment, and patient records.
A data engineer needs to find a solution to process the streaming dat
a. The data engineer needs to store the data in an Amazon Redshift Serverless warehouse. The solution must support near real-time analytics of the streaming data and the previous day's data.
Which solution will meet these requirements with the LEAST operational overhead?

- A. Load data into Amazon Kinesis Data Firehose. Load the data into Amazon Redshift.

- B. Use the streaming ingestion feature of Amazon Redshift.
- C. Load the data into Amazon S3. Use the COPY command to load the data into Amazon Redshift.
- D. Use the Amazon Aurora zero-ETL integration with Amazon Redshift.

Answer: B

Explanation:
The streaming ingestion feature of Amazon Redshift enables you to ingest data from streaming sources, such as Amazon Kinesis Data Streams, into Amazon Redshift tables in near real-time. You can use the streaming ingestion feature to process the streaming data from the wearable devices, hospital equipment, and patient records. The streaming ingestion feature also supports incremental updates, which means you can append new data or update existing data in the Amazon Redshift tables. This way, you can store the data in an Amazon Redshift Serverless warehouse and support near real-time analytics of the streaming data and the previous day's data. This solution meets the requirements with the least operational overhead, as it does not require any additional services or components to ingest and process the streaming data. The other options are either not feasible or not optimal. Loading data into Amazon Kinesis Data Firehose and then into Amazon Redshift (option A) would introduce additional latency and cost, as well as require additional configuration and management. Loading data into Amazon S3 and then using the COPY command to load the data into Amazon Redshift (option C) would also introduce additional latency and cost, as well as require additional storage space and ETL logic. Using the Amazon Aurora zero-ETL integration with Amazon Redshift (option D) would not work, as it requires the data to be stored in Amazon Aurora first, which is not the case for the streaming data from the healthcare company. Reference:
Using streaming ingestion with Amazon Redshift
AWS Certified Data Engineer - Associate DEA-C01 Complete Study Guide, Chapter 3: Data Ingestion and Transformation, Section 3.5: Amazon Redshift Streaming Ingestion

NEW QUESTION # 81
A company has a data lake in Amazon S3. The company collects AWS CloudTrail logs for multiple applications. The company stores the logs in the data lake, catalogs the logs in AWS Glue, and partitions the logs based on the year. The company uses Amazon Athena to analyze the logs.
Recently, customers reported that a query on one of the Athena tables did not return any dat a. A data engineer must resolve the issue.
Which combination of troubleshooting steps should the data engineer take? (Select TWO.)

- A. Delete and recreate the problematic Athena table.
- B. Use the MSCK REPAIR TABLE command.
- C. Restart Athena.
- D. Increase the query timeout duration.
- E. Confirm that Athena is pointing to the correct Amazon S3 location.

Answer: B,E

Explanation:
The problem likely arises from Athena not being able to read from the correct S3 location or missing partitions. The two most relevant troubleshooting steps involve checking the S3 location and repairing the table metadata.
A . Confirm that Athena is pointing to the correct Amazon S3 location:
One of the most common issues with missing data in Athena queries is that the query is pointed to an incorrect or outdated S3 location. Checking the S3 path ensures Athena is querying the correct data.
Reference:
C . Use the MSCK REPAIR TABLE command:
When new partitions are added to the S3 bucket without being reflected in the Glue Data Catalog, Athena queries will not return data from those partitions. The MSCK REPAIR TABLE command updates the Glue Data Catalog with the latest partitions.
Alternatives Considered:
B (Increase query timeout): Timeout issues are unrelated to missing data.
D (Restart Athena): Athena does not require restarting.
E (Delete and recreate table): This introduces unnecessary overhead when the issue can be resolved by repairing the table and confirming the S3 location.
Athena Query Fails to Return Data

NEW QUESTION # 82
A manufacturing company collects sensor data from its factory floor to monitor and enhance operational efficiency. The company uses Amazon Kinesis Data Streams to publish the data that the sensors collect to a data stream. Then Amazon Kinesis Data

Firehose writes the data to an Amazon S3 bucket.
The company needs to display a real-time view of operational efficiency on a large screen in the manufacturing facility.
Which solution will meet these requirements with the LOWEST latency?

- A. Use Amazon Managed Service for Apache Flink (previously known as Amazon Kinesis Data Analytics) to process the sensor data. Create a new Data Firehose delivery stream to publish data directly to an Amazon Timestream database. Use the Timestream database as a source to create an Amazon QuickSight dashboard.
- B. Use AWS Glue bookmarks to read sensor data from the S3 bucket in real time. Publish the data to an Amazon Timestream database. Use the Timestream database as a source to create a Grafana dashboard.
- C. Configure the S3 bucket to send a notification to an AWS Lambda function when any new object is created. Use the Lambda function to publish the data to Amazon Aurora. Use Aurora as a source to create an Amazon QuickSight dashboard.
- D. Use Amazon Managed Service for Apache Flink (previously known as Amazon Kinesis Data Analytics) to process the sensor data. Use a connector for Apache Flink to write data to an Amazon Timestream database. Use the Timestream database as a source to create a Grafana dashboard.

Answer: A

Explanation:
This solution will meet the requirements with the lowest latency because it uses Amazon Managed Service for Apache Flink to process the sensor data in real time and write it to Amazon Timestream, a fast, scalable, and serverless time series database. Amazon Timestream is optimized for storing and analyzing time series data, such as sensor data, and can handle trillions of events per day with millisecond latency. By using Amazon Timestream as a source, you can create an Amazon QuickSight dashboard that displays a real-time view of operational efficiency on a large screen in the manufacturing facility. Amazon QuickSight is a fully managed business intelligence service that can connect to various data sources, including Amazon Timestream, and provide interactive visualizations and insights123.
The other options are not optimal for the following reasons:
* A. Use Amazon Managed Service for Apache Flink (previously known as Amazon Kinesis Data Analytics) to process the sensor data. Use a connector for Apache Flink to write data to an Amazon Timestream database. Use the Timestream database as a source to create a Grafana dashboard. This option is similar to option C, but it uses Grafana instead of Amazon QuickSight to create the dashboard.
Grafana is an open source visualization tool that can also connect to Amazon Timestream, but it requires additional steps to set up and configure, such as deploying a Grafana server on Amazon EC2, installing the Amazon Timestream plugin, and creating an IAM role for Grafana to access Timestream.
These steps can increase the latency and complexity of the solution.
* B. Configure the S3 bucket to send a notification to an AWS Lambda function when any new object is created. Use the Lambda function to publish the data to Amazon Aurora. Use Aurora as a source to create an Amazon QuickSight dashboard. This option is not suitable for displaying a real-time view of operational efficiency, as it introduces unnecessary delays and costs in the data pipeline. First, the sensor data is written to an S3 bucket by Amazon Kinesis Data Firehose, which can have a buffering interval of up to 900 seconds. Then, the S3 bucket sends a notification to a Lambda function, which can incur additional invocation and execution time. Finally, the Lambda function publishes the data to Amazon Aurora, a relational database that is not optimized for time series data and can have higher storage and performance costs than Amazon Timestream .
* D. Use AWS Glue bookmarks to read sensor data from the S3 bucket in real time. Publish the data to an Amazon Timestream database. Use the Timestream database as a source to create a Grafana dashboard.
This option is also not suitable for displaying a real-time view of operational efficiency, as it uses AWS Glue bookmarks to read sensor data from the S3 bucket. AWS Glue bookmarks are a feature that helps AWS Glue jobs and crawlers keep track of the data that has already been processed, so that they can resume from where they left off. However, AWS Glue jobs and crawlers are not designed for real-time data processing, as they can have a minimum frequency of 5 minutes and a variable start-up time. Moreover, this option also uses Grafana instead of Amazon QuickSight to create the dashboard, which can increase the latency and complexity of the solution .
References:
* 1: Amazon Managed Streaming for Apache Flink
* 2: Amazon Timestream
* 3: Amazon QuickSight
* : Analyze data in Amazon Timestream using Grafana
* : Amazon Kinesis Data Firehose
* : Amazon Aurora
* : AWS Glue Bookmarks
* : AWS Glue Job and Crawler Scheduling

NEW QUESTION # 83

.....

If you face any problem while using the offline or online software AWS Certified Data Engineer - Associate (DEA-C01) (Data-Engineer-Associate) practice exam of PrepAwayTest, contact our customer service team. Our team of experts is available 24/7 for your assistance while using updated Data-Engineer-Associate Exam Prep material. Many takers of the AWS Certified Data Engineer - Associate (DEA-C01) (Data-Engineer-Associate) practice test suffer from money loss because it introduces new changes in the content of the test.

Reliable Data-Engineer-Associate Test Review: https://www.prepawaytest.com/Amazon/Data-Engineer-Associate-practice-exam-dumps.html

DumpStep Dumps for Data-Engineer-Associate exam are written to the highest standards of technical accuracy, provided by our certified subject matter experts and published authors for development, Therefore, our professional experts attach importance to checking our Reliable Data-Engineer-Associate Test Review - AWS Certified Data Engineer - Associate (DEA-C01) study material in order to ensure the Reliable Data-Engineer-Associate Test Review - AWS Certified Data Engineer - Associate (DEA-C01) study material you get is the latest and best valid, Amazon Exam Data-Engineer-Associate Lab Questions Therefore, don't wait.

Why not try us for free, I know what I want to do, what I have done, New Study Data-Engineer-Associate Questions and I am free and responsible for what I do, so others can take responsibility for themselves, and I can say everything I do.

2026 Amazon High Pass-Rate Exam Data-Engineer-Associate Lab Questions

DumpStep Dumps for Data-Engineer-Associate Exam are written to the highest standards of technical accuracy, provided by our certified subject matter experts and published authors for development.

Therefore, our professional experts attach importance to checking Data-Engineer-Associate our AWS Certified Data Engineer - Associate (DEA-C01) study material in order to ensure the AWS Certified Data Engineer - Associate (DEA-C01) study material you get is the latest and best valid.

Therefore, don't wait, So, it is very important to choose a Amazon Data-Engineer-Associate exam prep material that helps you to practice actual Amazon Data-Engineer-Associate questions.

Methodize Your Preparation with Data-Engineer-Associate Exam Dumps.

- Latest Data-Engineer-Associate Exam Format □ Latest Data-Engineer-Associate Exam Format □ Data-Engineer-Associate Exam Simulations □ Search for " Data-Engineer-Associate " and download exam materials for free through ⇛ www.examcollectionpass.com ⇚ ☯ Data-Engineer-Associate Testking Learning Materials
- Data-Engineer-Associate dumps PDF - Data-Engineer-Associate exam guide - Data-Engineer-Associate test simulate □ Open ☀ www.pdfvce.com □☀□ enter □ Data-Engineer-Associate □ and obtain a free download □Exam Data-Engineer-Associate Sample
- Free PDF 2026 Amazon Data-Engineer-Associate –The Best Exam Lab Questions ⌨ Easily obtain free download of ➡ Data-Engineer-Associate □□□ by searching on 【 www.testkingpass.com 】 □Data-Engineer-Associate Test Engine
- Exam Data-Engineer-Associate Lab Questions Will Be Your Powerful Weapon to Pass AWS Certified Data Engineer - Associate (DEA-C01) □ Search for □ Data-Engineer-Associate □ on ⇛ www.pdfvce.com ⇚ immediately to obtain a free download □Data-Engineer-Associate Valid Braindumps Pdf
- Pass Guaranteed Quiz Efficient Data-Engineer-Associate - Exam AWS Certified Data Engineer - Associate (DEA-C01) Lab Questions □ Search for （ Data-Engineer-Associate ） and obtain a free download on （ www.prepawayete.com ） □ □Data-Engineer-Associate Exam Simulations
- Free PDF 2026 Amazon Data-Engineer-Associate –The Best Exam Lab Questions □ Search for ▹ Data-Engineer-Associate ◃ and easily obtain a free download on □ www.pdfvce.com □ □Data-Engineer-Associate Testking Learning Materials
- Data-Engineer-Associate dumps PDF - Data-Engineer-Associate exam guide - Data-Engineer-Associate test simulate ↪ Search for （ Data-Engineer-Associate ） and download exam materials for free through □ www.prepawayete.com □ □ □Data-Engineer-Associate Key Concepts
- Download the Updated Demo of Amazon Data-Engineer-Associate Exam Dumps □ Search for 《 Data-Engineer-Associate 》 and easily obtain a free download on 「 www.pdfvce.com 」 □Online Data-Engineer-Associate Lab Simulation
- Data-Engineer-Associate Exam PDF □ Data-Engineer-Associate Exam PDF □ Reliable Data-Engineer-Associate Test Practice □ Open website □ www.troytecdumps.com □ and search for " Data-Engineer-Associate " for free download □Data-Engineer-Associate Test Engine
- Latest Data-Engineer-Associate Exam Format □ Exam Data-Engineer-Associate Sample □ Sample Data-Engineer-

Associate Questions Pdf □ Search for ▹ Data-Engineer-Associate ◃ and download it for free on ☀ www.pdfvce.com □☀□ website □Reliable Data-Engineer-Associate Test Practice

- Data-Engineer-Associate Test Engine □ Data-Engineer-Associate Test Engine □ Data-Engineer-Associate Key Concepts □ Download { Data-Engineer-Associate } for free by simply entering 《 www.pass4test.com 》 website □ □Data-Engineer-Associate Real Dump
- myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, pct.edu.pk, www.stes.tyc.edu.tw, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, elearning.eauqardho.edu.so, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, www.stes.tyc.edu.tw, igrowup.click, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, Disposable vapes

2025 Latest PrepAwayTest Data-Engineer-Associate PDF Dumps and Data-Engineer-Associate Exam Engine Free Share: https://drive.google.com/open?id=1qr8irH0S1UL-BqC73j4k0TNSJrPs2iqk