

ExamsLabs Microsoft DP-203 Web-based Practice Exam

Microsoft DP-203 Exam Questions Guide to Success

Crack Microsoft DP-203 Exam Questions in One Shot

The DP-203 Questions are the doorway to showcasing your expertise in designing and implementing data solutions on Azure. [Microsoft DP-203 Exam Questions](#) demonstrates your ability to integrate, optimize, and manage data storage and processing solutions. Whether you want to boost your professional credibility or expand your skills, understanding the exam's structure and preparing with reliable resources is essential.

Achieving Mastery over the DP-203 Certification Content

The DP-203 exam covers a broad range of topics, including:

- Data storage options.
- Data processing techniques.
- Monitoring Azure solutions.

Preparation becomes easier with a solid understanding of key concepts like Azure Synapse Analytics, data security, and real-time analytics pipelines.

Microsoft designs the DP-203 exam to simulate real-world scenarios, ensuring that candidates can apply theoretical knowledge practically. Using **DP-203 Exam Questions** for practice enhances your ability to tackle even the most complex scenarios effectively.

Why the DP-203 Exam Boosts Your Career

Becoming an expert in Azure data solutions is highly in demand in today's data-driven world. Earning the DP-203 certification validates your skills and can open doors to roles such as:

- Data Engineer
- Solution Architect
- Cloud Specialist

Reliable Study Resources for Exam Preparation

1. **PrepBolt**

P.S. Free 2025 Microsoft DP-203 dumps are available on Google Drive shared by ExamsLabs: <https://drive.google.com/open?id=18FOXUhp2SauTG1BnWSFBP0gOAGlzhf>

Do you want to get the valid and latest study material for DP-203 actual test? Please stop hunting with aimless, ExamsLabs will offer you the updated and high quality Microsoft study material for you. The DP-203 training dumps are specially designed for the candidates like you by our professional expert team. DP-203 Questions and answers are valuable and validity, which will give you some reference for the actual test. Please prepare well for the actual test with our DP-203 practice torrent, 100% pass will be an easy thing.

The DP-203 exam is a challenging exam that requires candidates to have a solid understanding of data engineering concepts, Azure services, and data processing workflows. Candidates who successfully pass DP-203 exam will have a valuable certification that can help them advance their careers in data engineering. Additionally, organizations that employ data engineers with this certification can be assured that they have the necessary skills to design and implement effective data solutions on Microsoft Azure.

The DP-203 Exam is intended for professionals who have experience in data engineering and a good understanding of Azure services. It is recommended that candidates have at least two years of experience working with Azure and data engineering before taking the exam. Passing the DP-203 exam demonstrates that the candidate has the skills and knowledge needed to design and implement data solutions on Azure and can be a valuable asset for organizations looking to implement data solutions on Azure.

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DP-203 Study Test, DP-203 Exam Tutorial

For the convenience of the Exams candidates, the difficult portions of the syllabus have been explained with the help of experts to be

simplified. One remarkable feature of DP-203 actual dumps questions and answers is their similarity with the real exam scenario. They not only give you understanding of the DP-203 Exams but also impart you an opportunity to master it. To enhance further your exam ability and strengthen your learning, you can benefit yourself getting practice Microsoft real dumps.

Microsoft DP-203: Data Engineering on Microsoft Azure exam is a great way for professionals to demonstrate their expertise in data engineering on Azure and stand out in the competitive job market. With the right preparation and training, candidates can pass the exam and obtain a valuable certification that can help accelerate their career growth.

Microsoft Data Engineering on Microsoft Azure Sample Questions (Q294-Q299):

NEW QUESTION # 294

You plan to create a table in an Azure Synapse Analytics dedicated SQL pool.

Data in the table will be retained for five years. Once a year, data that is older than five years will be deleted.

You need to ensure that the data is distributed evenly across partitions. The solution must minimize the amount of time required to delete old data.

How should you complete the Transact-SQL statement? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values	Answer Area
CustomerKey	CREATE TABLE [dbo].[FactSales]
HASH	(
ROUND_ROBIN	[ProductKey] int NOT NULL
REPLICATE	, [OrderDateKey] int NOT NULL
OrderDateKey	, [CustomerKey] int NOT NULL
SalesOrderNumber	, [SalesOrderNumber] nvarchar (20) NOT NULL
	, [OrderQuantity] smallint NOT NULL
	, [UnitPrice] money NOT NULL
	)
	WITH
	(CLUSTERED COLUMNSTORE INDEX
	, DISTRIBUTION = Value ([ProductKey])
	, PARTITION ([Value] RANGE RIGHT FOR VALUES
	(20170101,20180101,20190101,20200101,20210101)
	)



Answer:

Explanation:

Values	Answer Area
CustomerKey	<pre> CREATE TABLE [dbo].[FactSales] ([ProductKey] int NOT NULL , [OrderDateKey] int NOT NULL , [CustomerKey] int NOT NULL , [SalesOrderNumber] nvarchar (20) NOT NULL , [OrderQuantity] smallint NOT NULL , [UnitPrice] money NOT NULL) WITH (CLUSTERED COLUMNSTORE INDEX , DISTRIBUTION = HASH ([ProductKey]) , PARTITION ([OrderDateKey]] RANGE RIGHT FOR VALUES (20170101,20180101,20190101,20200101,20210101))) </pre>
HASH	
ROUND_ROBIN	
REPLICATE	
OrderDateKey	
SalesOrderNumber	

Explanation

Box 1: HASH

Box 2: OrderDateKey

In most cases, table partitions are created on a date column.

A way to eliminate rollbacks is to use Metadata Only operations like partition switching for data management.

For example, rather than execute a DELETE statement to delete all rows in a table where the order_date was in October of 2001, you could partition your data early. Then you can switch out the partition with data for an empty partition from another table.

Reference:

<https://docs.microsoft.com/en-us/sql/t-sql/statements/create-table-azure-sql-data-warehouse>

<https://docs.microsoft.com/en-us/azure/synapse-analytics/sql/best-practices-dedicated-sql-pool>

NEW QUESTION # 295

You have an Azure Data Factory pipeline named pipeline1 that includes a Copy activity named Copy1.

Copy1 has the following configurations:

* The source of Copy1 is a table in an on-premises Microsoft SQL Server instance that is accessed by using a linked service connected via a self-hosted integration runtime.

* The sink of Copy1 uses a table in an Azure SQL database that is accessed by using a linked service connected via an Azure integration runtime.

You need to maximize the amount of compute resources available to Copy1. The solution must minimize administrative effort.

What should you do?

- A. Scale up the data flow runtime of the Azure integration runtime and scale out the self-hosted integration runtime.
- B. Scale up the data flow runtime of the Azure integration runtime.**
- C. Scale out the self-hosted integration runtime.

Answer: B

NEW QUESTION # 296

You have an Azure event hub named retailhub that has 16 partitions. Transactions are posted to retailhub.

Each transaction includes the transaction ID, the individual line items, and the payment details. The transaction ID is used as the partition key.

You are designing an Azure Stream Analytics job to identify potentially fraudulent transactions at a retail store. The job will use retailhub as the input. The job will output the transaction ID, the individual line items, the payment details, a fraud score, and a fraud indicator.

You plan to send the output to an Azure event hub named fraudhub.

You need to ensure that the fraud detection solution is highly scalable and processes transactions as quickly as possible. How should you structure the output of the Stream Analytics job? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Number of partitions:

Partition key:

Microsoft

Answer:

Explanation:

Number of partitions:

Partition key:

Microsoft

Explanation

Number of partitions:

Partition key:

Microsoft

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Box 1: 16

For Event Hubs you need to set the partition key explicitly.

An embarrassingly parallel job is the most scalable scenario in Azure Stream Analytics. It connects one partition of the input to one instance of the query to one partition of the output.

Box 2: Transaction ID

Reference:

<https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-features#partitions>

NEW QUESTION # 297

You have an Azure subscription that contains a logical Microsoft SQL server named Server1. Server1 hosts an Azure Synapse Analytics SQL dedicated pool named Pool1.

You need to recommend a Transparent Data Encryption (TDE) solution for Server1. The solution must meet the following requirements:

Track the usage of encryption keys.

Maintain the access of client apps to Pool1 in the event of an Azure datacenter outage that affects the availability of the encryption keys.

What should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

To track encryption key usage:

To maintain client app access in the event of a datacenter outage:

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Answer:

Explanation:

To track encryption key usage:

- Always Encrypted
- TDE with customer-managed keys**
- TDE with platform-managed keys

To maintain client app access in the event of a datacenter outage:

- Create and configure Azure key vaults in two Azure regions.**
- Enable Advanced Data Security on Server1.
- Implement the client apps by using a Microsoft .NET Framework data provider.

Reference:

<https://docs.microsoft.com/en-us/azure/synapse-analytics/security/workspaces-encryption>

<https://docs.microsoft.com/en-us/azure/key-vault/general/logging>

NEW QUESTION # 298

You have an Azure subscription that contains an Azure Synapse Analytics account. The account is integrated with an Azure Repos repository named Repo1 and contains a pipeline named Pipeline1. Repo1 contains the branches shown in the following table.

Name	Description
featuredev	Working branch
main	Collaboration branch
pipeline1/publish	Publish branch

From featuredev, you develop and test changes to Pipeline1. You need to publish the changes. What should you do first?

- **A. From featuredev, create a pull request.**
- B. From main, create a pull request.
- C. Add a Publish_config.json file to the root folder of the collaboration branch.
- D. Switch to live mode.

Answer: A

NEW QUESTION # 299

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