



DP-201^{Q&As}

Designing an Azure Data Solution

Pass Microsoft DP-201 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.lead4pass.com/dp-201.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

You need to design the vehicle images storage solution. What should you recommend?

- A. Azure Media Services
- B. Azure Premium Storage account
- C. Azure Redis Cache
- D. Azure Cosmos DB

Correct Answer: B

Premium Storage stores data on the latest technology Solid State Drives (SSDs) whereas Standard Storage stores data on Hard Disk Drives (HDDs). Premium Storage is designed for Azure Virtual Machine workloads which require

consistent high IO performance and low latency in order to host IO intensive workloads like OLTP, Big Data, and Data Warehousing on platforms like SQL Server, MongoDB, Cassandra, and others. With Premium Storage, more customers

will be able to lift-and-shift demanding enterprise applications to the cloud.

Scenario: Traffic sensors will occasionally capture an image of a vehicle for debugging purposes.

You must optimize performance of saving/storing vehicle images.

The impact of vehicle images on sensor data throughout must be minimized.

References:

<https://azure.microsoft.com/es-es/blog/introducing-premium-storage-high-performance-storage-for-azure-virtual-machine-workloads/>

QUESTION 2

You plan to migrate data to Azure SQL Database.

The database must remain synchronized with updates to Microsoft Azure and SQL Server.

You need to set up the database as a subscriber.

What should you recommend?

- A. Azure Data Factory
- B. SQL Server Data Tools
- C. Data Migration Assistant
- D. SQL Server Agent for SQL Server 2017 or later
- E. SQL Server Management Studio 17.9.1 or later



Correct Answer: E

To set up the database as a subscriber we need to configure database replication. You can use SQL Server Management Studio to configure replication. Use the latest versions of SQL Server Management Studio in order to be able to use all the features of Azure SQL Database.

References: <https://www.sqlshack.com/sql-server-database-migration-to-azure-sql-database-using-sql-server-transactional-replication/>

QUESTION 3

Which consistency level should you use for Health Interface?

- A. Consistent Prefix
- B. Session
- C. Bounded Staleness
- D. Strong

Correct Answer: D

Scenario: ADatum identifies the following requirements for the Health Interface application: ..reads must display be the most recent committed version of an item.

Azure Cosmos DB consistency levels include:

Strong: Strong consistency offers a linearizability guarantee. Linearizability refers to serving requests concurrently. The reads are guaranteed to return the most recent committed version of an item. A client never sees an uncommitted or partial write. Users are always guaranteed to read the latest committed write.

References:

<https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels>

QUESTION 4

You need to design the image processing and storage solutions.

What should you recommend? To answer, select the appropriate configuration in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Image processing

- Azure HDInsight
- Azure Databricks
- Azure Batch
- Azure Cognitive Services

data storage for tagging data

- Azure Blob Storage
- Azure Table Storage
- Azure Cosmos DB
- Azure SQL Database

Correct Answer:

Image processing

- Azure HDInsight
- Azure Databricks
- Azure Batch
- Azure Cognitive Services

data storage for tagging data

- Azure Blob Storage
- Azure Table Storage
- Azure Cosmos DB
- Azure SQL Database

From the scenario:



The company identifies the following business requirements:

1.

You must transfer all images and customer data to cloud storage and remove on-premises servers.

2.

You must develop an image object and color tagging solution.

The solution has the following technical requirements:

1.

Image data must be stored in a single data store at minimum cost.

2.

All data must be backed up in case disaster recovery is required.

All cloud data must be encrypted at rest and in transit. The solution must support: hyper-scale storage of images

References: <https://docs.microsoft.com/en-us/azure/architecture/data-guide/technology-choices/batch-processing>

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-service-tier-hyperscale>

QUESTION 5

HOTSPOT You are designing the security for a mission critical Azure SQL database named DB1. DB1 contains several columns that store Personally Identifiable Information (PII) data You need to recommend a security solution that meets the following requirements:

1. Ensures that DB1 is encrypted at rest

2. Ensures that data from the columns containing PII data is encrypted in transit

Which security solution should you recommend for DB1 and the columns? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Answer Area

DB1:

	▼
Always Encrypted	
Dynamic data masking	
Row-level security	
Transparent Data Encryption (TDE)	

Columns:

	▼
Always Encrypted	
Dynamic data masking	
Row-level security	
Transparent Data Encryption (TDE)	

Correct Answer:

Answer Area

DB1:

	▼
Always Encrypted	
Dynamic data masking	
Row-level security	
Transparent Data Encryption (TDE)	

Columns:

	▼
Always Encrypted	
Dynamic data masking	
Row-level security	
Transparent Data Encryption (TDE)	



DB1: Transparent Data Encryption

Azure SQL Database currently supports encryption at rest for Microsoft-managed service side and client-side encryption scenarios.

Support for server encryption is currently provided through the SQL feature called Transparent Data Encryption.

Columns: Always encrypted

Always Encrypted is a feature designed to protect sensitive data stored in Azure SQL Database or SQL Server databases. Always Encrypted allows clients to encrypt sensitive data inside client applications and never reveal the encryption

keys to the database engine (SQL Database or SQL Server).

Note: Most data breaches involve the theft of critical data such as credit card numbers or personally identifiable information. Databases can be treasure troves of sensitive information. They can contain customers\' personal data (like national

identification numbers), confidential competitive information, and intellectual property. Lost or stolen data, especially customer data, can result in brand damage, competitive disadvantage, and serious fines--even lawsuits.

References:

<https://docs.microsoft.com/en-us/azure/security/fundamentals/encryption-atrest>

<https://docs.microsoft.com/en-us/azure/security/fundamentals/database-security-overview>

[DP-201 PDF Dumps](#)

[DP-201 Practice Test](#)

[DP-201 Brindumps](#)



To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

Try our product !

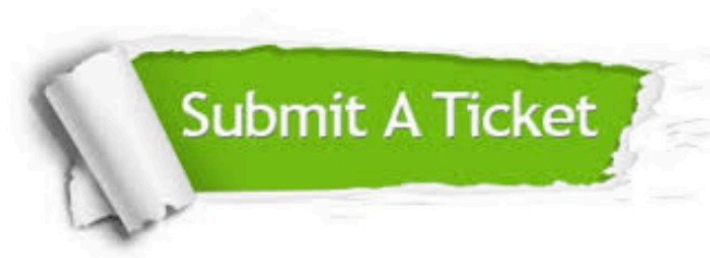
100% Guaranteed Success
100% Money Back Guarantee
365 Days Free Update
Instant Download After Purchase
24x7 Customer Support
Average 99.9% Success Rate
More than 800,000 Satisfied Customers Worldwide
Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

<https://www.lead4pass.com/allproducts>

Need Help

Please provide as much detail as possible so we can best assist you.
To update a previously submitted ticket:



 <p>One Year Free Update Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p>Money Back Guarantee To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p>Security & Privacy We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.
All trademarks are the property of their respective owners.
Copyright © lead4pass, All Rights Reserved.