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Microsoft DP-300 is an exam that tests the skills and knowledge of professionals who administer relational databases on Microsoft Azure. DP-300 exam is designed for database administrators, developers, and data professionals who work with Azure SQL databases. The DP-300 Exam is part of the Microsoft Certified: Azure Database Administrator Associate certification, which validates the skills required to manage and maintain Azure SQL databases.

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One of the biggest highlights of the Administering Relational Databases on Microsoft Azure prep torrent is the availability of three versions: PDF, app/online, and software/pc, each with its own advantages: The PDF version of DP-300 Exam Torrent has a free demo available for download. You can print exam materials out and read it just like you read a paper. The online version of DP-300 test guide is based on web browser usage design and can be used by any browser device. At the same time, the first time it is opened on the Internet, it can be used offline next time. You can practice anytime, anywhere. The Administering Relational Databases on Microsoft Azure software supports the MS operating system and can simulate the real test environment. The contents of the three versions are the same. Each of them neither limits the number of devices used or the number of users at the same time. You can choose according to your needs.

Microsoft DP-300 certification exam is suitable for database administrators, developers, and IT professionals who want to enhance their skills in managing and deploying databases on the Azure platform. It is also a valuable credential for those who want to advance their careers in the field of cloud computing and database administration. By passing DP-300 exam, candidates can demonstrate their expertise in administering relational databases on Microsoft Azure and distinguish themselves from their peers in the industry.

Get information about the Certification path of Microsoft DP-300 Exam

- There is no Prerequisites for this exam

- Recommended skills and experience requests for the DP-300 qualification test. Minimum 2 years of practical experience in database administration and monitoring. At least one year of hands-on experience with Microsoft Azure

Microsoft Administering Relational Databases on Microsoft Azure Sample Questions (Q378-Q383):

NEW QUESTION # 378

You have an Azure SQL database named DB1.

You need to ensure that DB1 will support automatic failover without data loss if a datacenter fails.

The solution must minimize costs.

Which deployment option and pricing tier should you configure?

- A. Azure SQL Database Hyperscale
- B. Azure SQL Database managed instance Business Critical
- C. Azure SQL Database managed instance General Purpose
- D. Azure SQL Database Premium

Answer: D

NEW QUESTION # 379

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure SQL database named Sales.

You need to implement disaster recovery for Sales to meet the following requirements:

* During normal operations, provide at least two readable copies of Sales.

* Ensure that Sales remains available if a datacenter fails.

Solution: You deploy an Azure SQL database that uses the General Purpose service tier and geo-replication.

Does this meet the goal?

- A. No
- B. Yes

Answer: A

Explanation:

Explanation

Instead deploy an Azure SQL database that uses the Business Critical service tier and Availability Zones.

Note: Premium and Business Critical service tiers leverage the Premium availability model, which integrates compute resources (sqlservr.exe process) and storage (locally attached SSD) on a single node. High availability is achieved by replicating both compute and storage to additional nodes creating a three to four-node cluster.

By default, the cluster of nodes for the premium availability model is created in the same datacenter. With the introduction of Azure Availability Zones, SQL Database can place different replicas of the Business Critical database to different availability zones in the same region. To eliminate a single point of failure, the control ring is also duplicated across multiple zones as three gateway rings (GW).

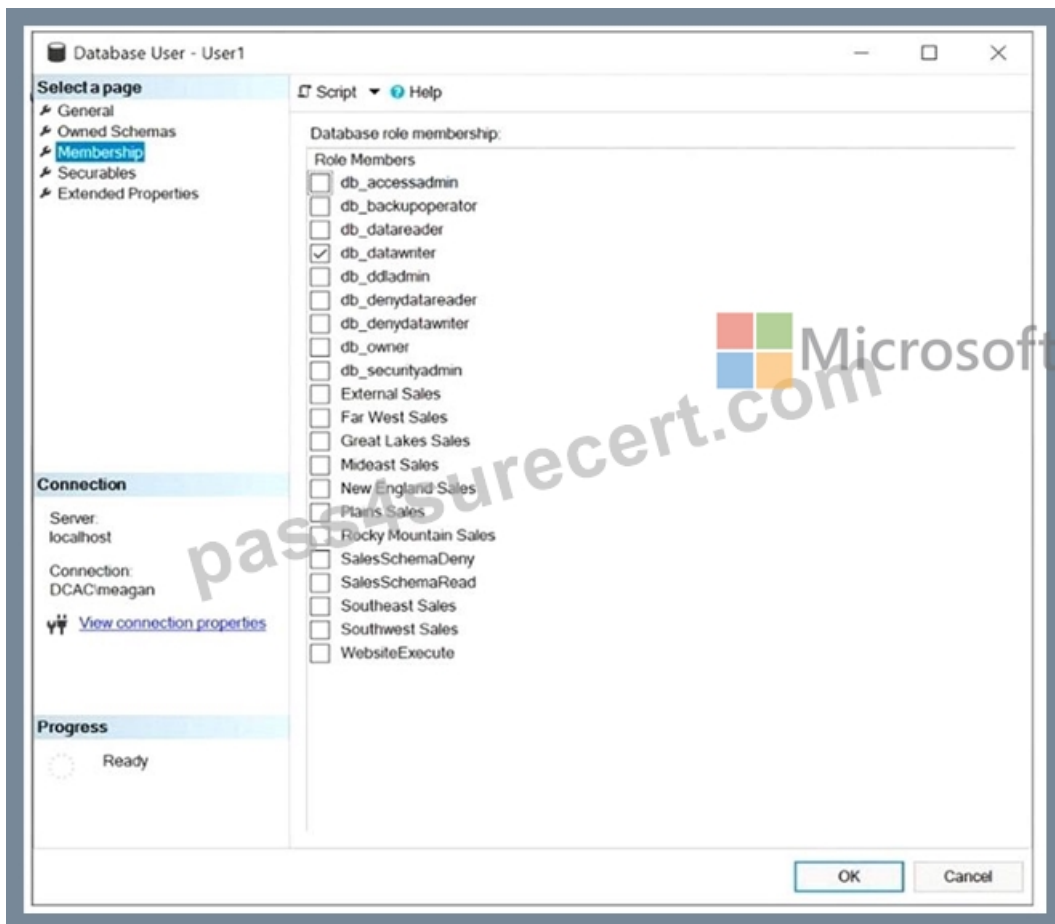
Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/high-availability-sla>

NEW QUESTION # 380

You have a Microsoft SQL Server database named DB1 that contains a table named Table1.

The database role membership for a user named User1 is shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

User1 can [answer choice].

add a column to Table1
delete a row from Table1
delete Table1

To ensure that User1 can run queries to retrieve data from DB1, you must assign User1 the [answer choice] database role.

db_datareader
db_ddladmin
db_denydatareader
db_denydatawriter

Answer:

Explanation:



add a column to Table1
delete a row from Table1
delete Table1

To ensure that User1 can run queries to retrieve data from DB1, you must assign User1 the [answer choice] database role.

db_datareader
db_ddladmin
db_denydatareader
db_denydatawriter

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/security/authentication-access/database-level-roles>

NEW QUESTION # 381

You deploy a database to an Azure SQL Database managed instance.

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You need to prevent read queries from blocking queries that are trying to write to the database.

Which database option should set?

- A. **READ_COMMITTED_SNAPSHOT to ON**
- B. PARAMETERIZATION to SIMPLE
- C. PARAMETERIZATION to FORCED
- D. Delayed Durability to Forced

Answer: A

Explanation:

In SQL Server, you can also minimize locking contention while protecting transactions from dirty reads of uncommitted data modifications using either:

The READ COMMITTED isolation level with the READ_COMMITTED_SNAPSHOT database option set to ON.

The SNAPSHOT isolation level.

If READ_COMMITTED_SNAPSHOT is set to ON (the default on SQL Azure Database), the Database Engine uses row versioning to present each statement with a transactionally consistent snapshot of the data as it existed at the start of the statement.

Locks are not used to protect the data from updates by other transactions.

Incorrect Answers:

A: When the PARAMETERIZATION database option is set to SIMPLE, the SQL Server query optimizer may choose to parameterize the queries. This means that any literal values that are contained in a query are substituted with parameters. This process is referred to as simple parameterization. When SIMPLE parameterization is in effect, you cannot control which queries are parameterized and which queries are not.

B: You can specify that all queries in a database be parameterized by setting the PARAMETERIZATION database option to FORCED. This process is referred to as forced parameterization.

C: Delayed transaction durability is accomplished using asynchronous log writes to disk. Transaction log records are kept in a buffer and written to disk when the buffer fills or a buffer flushing event takes place. Delayed transaction durability reduces both latency and contention within the system.

Some of the cases in which you could benefit from using delayed transaction durability are:

You can tolerate some data loss.

You are experiencing a bottleneck on transaction log writes.

Your workloads have a high contention rate.

Reference:

<https://docs.microsoft.com/en-us/sql/t-sql/statements/set-transaction-isolation-level-transact-sql>

NEW QUESTION # 382

You have an Azure SQL database named DB 1 in the General Purpose service tier.

You need to monitor DB 1 by using SQL Insights.

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

NOTE: Each correct selection is worth one point.

To collect monitoring data, use:

- ☐ A virtual machine
- ☒ An Azure function
- ☒ The Azure Monitor agent

To store monitoring data, create:

- ☐ A Log Analytics workspace
- ☐ An Azure SQL database
- ☒ An Azure Storage account

Answer:

Explanation:

To collect monitoring data, use:

- ☐ A virtual machine
- ☒ An Azure function
- ☒ The Azure Monitor agent

To store monitoring data, create:

- ☐ A Log Analytics workspace
- ☒ An Azure SQL database
- ☒ An Azure Storage account

NEW QUESTION # 383

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