Question 1
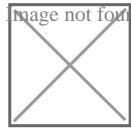
You have an Azure SQL database named DB1. The automatic tuning options for DB1 are configured as shown in the following exhibit.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer:

Question 2

You have an Azure SQL database named DB1.

A user named User 1 has an Azure AD account.

You need to provide User1 with the ability to add and remove columns from the tables m DBV The solution must use the principle of least privilege.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point

Options:

A) Assign the database user the db.ddladmm role.

B) Assign the database user the db.owner role.

C) Create a contained database user.

D) Create a login and an associated database user.

Answer:

A, D

Question 3

Question Type: Hotspot

You have an Azure SQL database.

You need to identify whether a delayed query execution is associated to a RESOURCE wait.

How should you complete the Transact -SQL statement? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Image not found or type unknown

Answer:

Question 4

You have a SQL Server on Azure Virtual Machines instance that hosts a database named Db1.

You need to configure the autogrow and autoshrink settings for DB1.

Which statements should you use? To answer, select the appropriate options in the answer are

a.

NOTE: Each correct selection is worth one point.
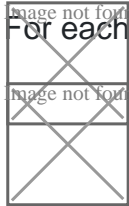
Answer:

Question 5

Question Type: **Hotspot**

You have a SQL Server on Azure Virtual Machines instance named VM1 that hosts a database named DB1. You run the following query.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer:

Question 6

Question Type: **MultipleChoice**

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 failover groups.

Does this meet the goal?

Options:

A) Yes

B) No

Answer:

B

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).

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

Question 7

Question Type: MultipleChoice

You have an Azure SQL database named DB1.

A user named User 1 has an Azure AD account.

You need to provide User1 with the ability to add and remove columns from the tables m DBV The solution must use the principle of least privilege.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point

Options:

A) Assign the database user the db.ddladmm role.

B) Assign the database user the db.owner role.

C) Create a contained database user.

D) Create a login and an associated database user.
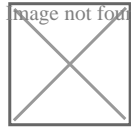
Answer:

A, D

Question 8

Question Type: Hotspot

You have an Azure SQL database named DB1. The automatic tuning options for DB1 are configured as shown in the following exhibit.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.
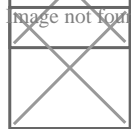

Answer:

Question 9

Question Type: **Hotspot**

You have a SQL Server on Azure Virtual Machines instance named VM1 that hosts a database named DB1. You run the following query.

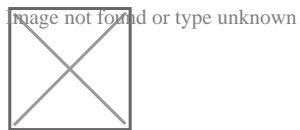For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer:

Question 10

You have an Azure SQL database.

You need to identify whether a delayed query execution is associated to a RESOURCE wait.

How should you complete the Transact -SQL statement? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Question 11

You need to recommend an availability strategy for an Azure SQL database. The strategy must meet the

following requirements:

* Support failovers that do not require client applications to change their connection strings.

* Replicate the database to a secondary Azure region.

* Support failover to the secondary region.

What should you include in the recommendation?

Options:

A) failover groups

B) transactional replication

C) Availability Zones

D) geo-replication

Answer:

D

Explanation:

Active geo-replication is an Azure SQL Database feature that allows you to create readable secondary databases of individual databases on a server in the same or different data center (region).

Incorrect Answers:

C: Availability Zones are unique physical locations within a region. Each zone is made up of one or more

datacenters equipped with independent power, cooling, and networking.

https://docs.microsoft.com/en-us/azure/azure-sql/database/active-geo-replication-overview

Question 12

You have a Microsoft SQL Server 2019 instance in an on-premises datacenter. The instance contains a 4-TB database named DB1.

You plan to migrate DB1 to an Azure SQL Database managed instance.

What should you use to minimize downtime and data loss during the migration?

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Options:

A) distributed availability groups

B) database mirroring

C) log shipping

D) Database Migration Assistant

Answer:

A

Explanation:

The Data Migration Assistant (DMA) helps you upgrade to a modern data platform by detecting compatibility issues that can impact database functionality in your new version of SQL Server or Azure SQL Database. DMA recommends performance and reliability improvements for your target environment and allows you to move your schema, data, and uncontained objects from your source server to your target server.

Note: SQL Managed Instance supports the following database migration options (currently these are the only supported migration methods):

Azure Database Migration Service - migration with near-zero downtime.

Native RESTORE DATABASE FROM URL - uses native backups from SQL Server and requires some downtime.

https://docs.microsoft.com/en-us/sql/dma/dma-overview