DP-300^{Q&As}

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Administering Relational Databases on Microsoft Azure

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QUESTION 1

You have an Azure SQL managed instance named MI1.

You need to implement automatic tuning for the databases of MI1.

What should you do?

A. Use the REST API to call the patch operation and modify the AutomaticTuningServerMode property.

B. Use Transact-SQL to enable the force_last_good_plan option.

C. From the Azure portal, configure automatic tuning.

Correct Answer: B

For Azure SQL Managed Instance, the supported option FORCE_LAST_GOOD_PLAN can only be configured through T-SQL.

Enable automatic tuning on server On the server level you can choose to inherit automatic tuning configuration from "Azure Defaults" or not to inherit the configuration. Azure defaults are FORCE_LAST_GOOD_PLAN enabled, CREATE_INDEX disabled, and DROP_INDEX disabled.

Reference: https://docs.microsoft.com/en-us/azure/azure-sql/database/automatic-tuning-enable

QUESTION 2

You have an on-premises Microsoft SQL Server 2019 instance named SQL1 that hosts a database named db1. You have an Azure subscription that contains an Azure SQL managed instance named MI1 and an Azure Storage account named storage1.

You plan to migrate db1 to MI1 by using the backup and restore process.

You need to ensure that you can back up db1 to storage1. The solution must meet the following requirements:

1.

Use block blob storage.

2.

Maximize security.

What should you do on storage1?

A. Generate a shared access signature (SAS)

B. Enable infrastructure encryption.

C. Create an access policy.
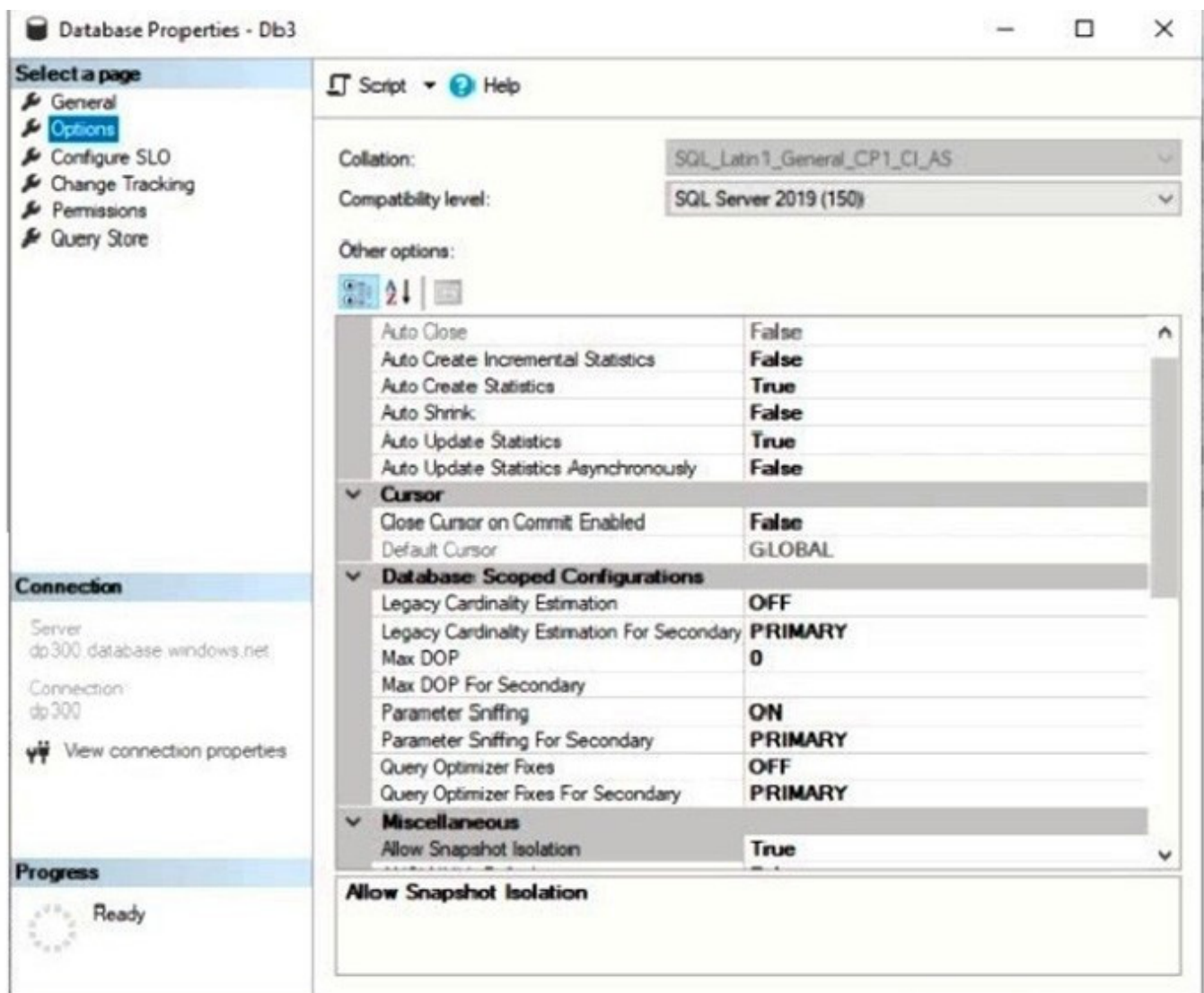
D. Rotate the storage keys

Correct Answer: A

QUESTION 3

You have an Azure SQL database named DB3.

You need to provide a user named DevUser with the ability to view the properties of DB3 from Microsoft SQL Server
Management Studio (SSMS) as shown in the exhibit. (Click the Exhibit tab.)

Which Transact-SQL command should you run?

A. GRANT SHOWPLAN TO DevUser

B. GRANT VIEW DEFINITION TO DevUser

C. GRANT VIEW DATABASE STATE TO DevUser

D. GRANT SELECT TO DevUser

Correct Answer: C

The exhibits displays Database [State] properties.

To query a dynamic management view or function requires SELECT permission on object and VIEW SERVER STATE or VIEW DATABASE STATE permission.

Reference:

https://docs.microsoft.com/en-us/sql/relational-databases/databases/database-properties-options-page

QUESTION 4

You have an Azure subscription that contains an instance of SQL Server on an Azure virtual machine named SQLVM1 and a user named User1. SQLVM1 hosts a database named DB1.

You need to ensure that User1 can create a scheduled task to perform a full backup of DB1. The solution must use the principle of least privilege.

Which built-in database role should you assign to User1?

A. db_owner

B. SQLAgentReaderRole

C. SQLAgentUserRole

D. SQLAgentOperatorRole

Correct Answer: C

QUESTION 5

You have an on-premises Microsoft SQL Server 2019 server that hosts a database named DB1.

You have an Azure subscription that contains an Azure SQL managed instance named SQLMI1 and a virtual network named VNET1. SQLMI1 resides on VNET1. The on-premises network connects to VNET1 by using an ExpressRoute

connection.

You plan to migrate DB1 to SQLMI1 by using Azure Database Migration Service.

You need to configure VNET1 to support the migration.

What should you do?

A. Configure service endpoints.

B. Configure virtual network peering.

C. Deploy an Azure firewall.

D. Configure network security groups (NSGs).

Correct Answer: A

Reference: https://docs.microsoft.com/en-us/azure/dms/tutorial-sql-server-to-managed-instance