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QUESTION 50

You have an Azure SQL database named db1 on a server named server1.

The Intelligent Insights diagnostics log identifies that several tables are missing indexes.

You need to ensure that indexes are created for the tables.

What should you do?

- A. RuntheDBCC SQLPERF command.
- B. Run the dbcc dbreindex command.
- C. Modify the automatic tuning settings for db1.
- D. Modify the Query Store settings for db1.

Correct Answer: C

Explanation:

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

QUESTION 51

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

Explanation:

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

QUESTION 52

You have SQL Server 2019 on an Azure virtual machine that runs Windows Server 2019. The virtual machine has 4 vCPUs and 28 GB of memory.

You scale up the virtual machine to 16 vCPUSs and 64 GB of memory.

You need to provide the lowest latency for tempdb.

What is the total number of data files that tempdb should contain?

A. 2

B. 4

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D. 64

Correct Answer: D **Explanation:**

The number of files depends on the number of (logical) processors on the machine. As a general rule, if the number of logical processors is less than or equal to eight, use the same number of data files as logical processors. If the number of logical processors is greater than eight, use eight data files and then if contention continues, increase the number of data files by multiples of 4 until the contention is reduced to acceptable levels or make changes to the workload/code.

Reference:

https://docs.microsoft.com/en-us/sql/relational-databases/databases/tempdb-database

QUESTION 53

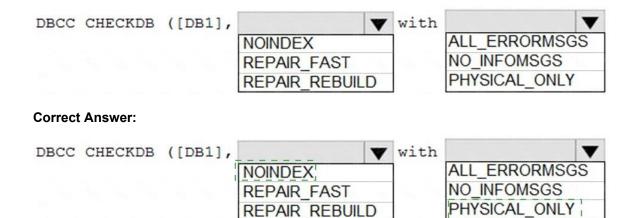
HOTSPOT

You have a 50-TB Microsoft SQL Server database named DB1.

You need to reduce the time it takes to perform database consistency checks of DB1.

Which Transact-SQL command should you run? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



QUESTION 54

DRAG DROP

You have an Azure subscription that contains an Azure SQL database named SQLDb1. SQLDb1 contains a table named Table1.

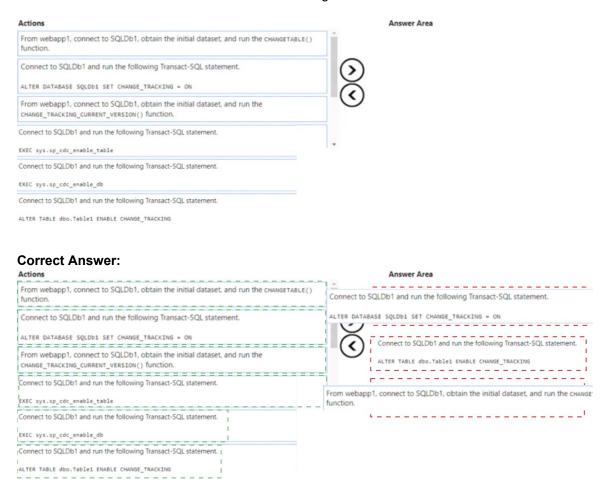
You plan to deploy an Azure web app named webapp1 that will export rows in Table1 that have changed.

You need to ensure that webapp1 can identity the changes to Table'. The solution must meet the following requirements:

Minimize compute times.

Minimize storage.

Which three actions should you perform in sequence? To answer. move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



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QUESTION 55

HOTSPOT

You are provisioning an Azure SQL database in the Azure portal as shown in the following exhibit.

Microsoft Azure 🔎 Search res	ources, si	ervices.	and do	cs (G+/)					Þ.) G	Ω				liveid238@outlook.co DEFAULT DIRECTOR	
Home > SQL databases > Crea	ate SQL	Databa	ise >													
Configure																>
V Feedback																
Compute Hardware												Cost su	ımman	(
Click "Change configuration" to see details	for all hard	tware ge	eneration	s available	including	memory of	ptimized and	compute or	otimized	options		Gen5 -	General	Purpose ('GP_5, Gen5_0)	
Hardware Configuration	Gen5											Cost per Max stor		SD) cted (in GB	0.1 8) x 104	
			s, up to 1 juration	20 GB me	mory						Î				COST / MONTH 119.60 US RE / SECOND ¹ 0.000145 US	-
Max vCores	10	12	14	16	18	20	24	32	40	6 vCores					pilled in vCores based on a combin	
Min vCores											1					
0.75 1 1.25 1.5	1.75		2	2.25	2.5	3	4	5	6	0.75 vCores						
							2.25 GB MI	N MEMORY	18 GB #	MAX MEMOR	DY					
Auto-pause delay The database automatically pauses if it is i Alternatively, auto-pausing can be disabled		the tim	e period	specified I	here, and a	utomaticall	y resumes wi	nen database	e activity	recurs.						
Enable auto-pause Days Hours Minutes 0																
Data max size .																
1 GB			800 GB						1.5 TB	800 GB						

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.

After four hours of inactivity, the database requires [answer choice]	to
resume operations for new activities.	no extra time
	up to 10 minutes
	up to one minute
The database configuration reduces the cost of [answer choice]	
usage patterns.	intermittent and unpredictable
	regular and high
	steady and low

Correct Answer:

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After four hours of inactivity, the database requires **[answer choice]** to resume operations for new activities.

	v
no extra time	
up to 10 minutes	
up to one minute	
intermittent and unpred	ictable
intermittent and unpred regular and high	ictable

The database configuration reduces the cost of **[answer choice]** usage patterns.

QUESTION 56

You have an Azure subscription that uses a domain named contoso.com.

You have two Azure VMs named DBServer1 and DBServer2. Each of them hosts a default SQL Server instance. DBServer1 is in the East US Azure region and contains a database named DatabaseA. DBServer2 is in the West US Azure region.

DBServer1 has a high volume of data changes and low latency requirements for data writes.

You need to configure a new availability group for DatabaseA. The secondary replica will reside on DBServer2.

What should you do?

- A. Configure the primary endpoint as TCP://DBServer1.contoso.com:445, configure the secondary endpoint as TCP://DBServer2.contoso.com:445, and set the availability mode to Asynchronous.
- B. Configure the primary endpoint as TCP://DBServer1.contoso.com:445, configure the secondary endpoint as TCP://DBServer2.contoso.com:445, and set the availability mode to Synchronous.
- C. Configure the primary endpoint as TCP://DBServer1.contoso.com:5022, configure the secondary endpoint as TCP://DBServer2.contoso.com:5022, and set the availability mode to Asynchronous.
- D. Configure the primary endpoint as TCP://DBServer1.contoso.com:5022, configure the secondary endpoint as TCP://DBServer2.contoso.com:5022, and set the availability mode to Synchronous.

Correct Answer: C

Explanation:

https://docs.microsoft.com/en-us/sql/database-engine/availability-groups/windows/availability-modes-always-on-availability-groups?view=sql-server-ver15

QUESTION 57

HOTSPOT

You have an Azure Data Lake Storage Gen2 account named account1 that stores logs as shown in the following table.

Туре	Designated retention period				
Application	360 days				
Infrastructure	60 days				

You do not expect that the logs will be accessed during the retention periods.

You need to recommend a solution for account1 that meets the following requirements:

Automatically deletes the logs at the end of each retention period

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