



**Free Questions for DP-300 by certsdeals**

**Shared by Yang on 06-06-2022**

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# Question 1

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## Question Type: MultipleChoice

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You have a new Azure subscription.

You create an Azure SQL Database instance named DB1 on an Azure SQL Database server named Server1.

You need to ensure that users can connect to DB1 in the event of an Azure regional outage. In the event of an outage, applications that connect to DB1 must be able to connect without having to update the connection strings.

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

NOTE: Each correct selection is worth one point.

### Options:

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- A- From the properties of DB1. configure geo-replication.
- B- From the properties of Server1 add a failover group.
- C- Create a new Azure SQL Database server named Server2.
- D- From the properties of Server1 configure retention for DB1
- E- Create a new Azure SQL Database instance named DB2.

**Answer:**

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B, C

**Explanation:**

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<https://docs.microsoft.com/en-us/azure/azure-sql/database/auto-failover-group-overview?tabs=azure-powershell#best-practices-for-sql-database>

<https://docs.microsoft.com/en-us/azure/azure-sql/database/failover-group-add-single-database-tutorial?tabs=azure-portal>

## Question 2

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**Question Type: MultipleChoice**

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You have four Azure subscriptions. Each subscription contains multiple Azure SQL databases.

You need to update the column and index statistics for the databases.

What should you use?

### Options:

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- A- an Azure Automation runbook
- B- a SQL Agent job
- C- Azure SQL Analytics
- D- automatic tuning in Azure SQL Database

### Answer:

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A

### Explanation:

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<https://www.sqlshack.com/automate-azure-sql-database-indexes-and-statistics-maintenance/>

## Question 3

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**Question Type:** MultipleChoice

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You have an Azure SQL managed instance.

You need to enable SQL Agent Job email notifications.

What should you do?

**Options:**

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- A- Use the Agent XPs option.
- B- Enable the SQL Server Agent.
- C- Run the sp\_configure command.
- D- Run the sp\_set\_agent\_properties command.

**Answer:**

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C

## Question 4

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**Question Type: MultipleChoice**

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You have an instance of SQL Server on Azure Virtual Machines that has a database named DB1.

You plan to implement Azure SQL Data Sync for DB1.

Which isolation level should you configure?

**Options:**

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A- SERIALIZABLE

B- SNAPSHOT

C- READ UNCOMMITTED

D- READ COMMITTED

**Answer:**

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B

**Explanation:**

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<https://docs.microsoft.com/en-us/azure/azure-sql/database/sql-data-sync-data-sql-server-sql-database>

## Question 5

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**Question Type: MultipleChoice**

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

The Intelligent Insights diagnostics log identifies queries that cause performance issues due to tempDB contention.

You need to resolve the performance issues.

What should you do?

### Options:

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- A- Implement memory-optimized tables.
- B- Run the dbcc flushprocindB command.
- C- Replace the sequential index keys with nonsequential keys.
- D- Run the dbcc dbreindex command.

### Answer:

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A

### Explanation:

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<https://docs.microsoft.com/en-us/azure/azure-sql/database/intelligent-insights-troubleshoot-performance#tempdb-contention>

## Question 6

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**Question Type:** MultipleChoice

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You have an on-premises multi-tier application named App1 that includes a web tier, an application tier, and a Microsoft SQL Server tier. All the tiers run on Hyper-V virtual machines.

Your new disaster recovery plan requires that all business-critical applications can be recovered to Azure.

You need to recommend a solution to fail over the database tier of App1 to Azure. The solution must provide the ability to test failover to Azure without affecting the current environment.

What should you include in the recommendation?

### Options:

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- A- Azure Backup
- B- Azure Information Protection
- C- Windows Server Failover Cluster
- D- Azure Site Recovery



**Answer:**

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D

**Explanation:**

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<https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-test-failover-to-azure>

## Question 7

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**Question Type: MultipleChoice**

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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 Database

**Options:**

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**A-** 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.

**Answer:**

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C

**Explanation:**

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

## Question 8

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**Question Type: MultipleChoice**

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You have an Azure SQL managed instance that hosts multiple databases.

You need to configure alerts for each database based on the diagnostics telemetry of the database.

What should you use?

**Options:**

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- A-** Azure SQL Analytics alerts based on metrics
- B-** SQL Health Check alerts based on diagnostics logs
- C-** SQL Health Check alerts based on metrics
- D-** Azure SQL Analytics alerts based on diagnostics logs

**Answer:**

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D

**Explanation:**

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<https://docs.microsoft.com/en-us/azure/azure-sql/database/metrics-diagnostic-telemetry-logging-streaming-export-configure?tabs=azure-portal#configure-the-streaming-export-of-diagnostic-telemetry>

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