



Free Questions for DP-300 by certsinside

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Question 1

Question Type: MultipleChoice

You have an Azure subscription that contains the resources shown in the following table.

Name	Type
App1	Azure web app
db1	Azure SQL database in the serverless tier

App1 experiences transient connection errors and timeouts when it attempts to access db1 after extended periods of inactivity.

You need to modify db1 to resolve the issues experienced by App1 as soon as possible, without considering immediate costs

What you do?

Options:

- A- Increase the number of vCores allocated to db1.
- B- Decrease the auto-pause delay for db1.
- C- Disable auto-pause delay for db1.
- D- Enable automatic tuning for db1.

Answer:

D

Question 2

Question Type: MultipleChoice

Your on-premises network contains a server that hosts a 60-TB database named DB 1. The network has a 10-Mbps internet connection.

You need to migrate DB 1 to Azure. The solution must minimize how long it takes to migrate the database.

What should you use?

Options:

A- Azure Migrate

B- Data Migration Assistant (DMA)

C- Azure Data BOX

D- Azure Database Migration Service

Answer:

D

Explanation:

<https://www.techtarget.com/searchitoperations/tip/Easily-transfer-VMs-to-the-cloud-with-Microsoft-Azure-Migrate>

Question 3

Question Type: MultipleChoice

You have two on-premises servers that run Windows Server 2019 and host a Microsoft SQL Server 2017 Always On availability group named AG1. AG1 contains a single database named DB1.

You have an Azure subscription. The subscription contains a virtual machine named VM1 that runs Linux.

You need to migrate DB1 to a SQL Server 2019 instance on VM1. The solution must minimize the downtime of DB1 during the migration.

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

NOTE: Each correct selection is worth one point.

Answer Area

To prepare for the migration:

To perform the migration, use:

Options:

A- Explanation:

Answer as in image below.

Answer Area

To prepare for the migration:

To perform the migration, use:

Answer:

A

Question 4

Question Type: MultipleChoice

You have an Azure SQL database named DB1 that contains a private certificate named Sales. The private key for Sales is encrypted with a password. You need to change the password for the private key. Which Transact-SQL statement should you run?

A)

```
ALTER CERTIFICATE Sales  
    WITH PRIVATE KEY (DECRYPTION BY PASSWORD = 'Mb^6BK&*w%',  
    ENCRYPTION BY PASSWORD = '6YY9YcD!pV');
```

B)

```
ALTER CERTIFICATE Sales  
    WITH PRIVATE KEY (ENCRYPTION BY PASSWORD = '6YY9YcD!pV');
```

C)

```
ALTER CERTIFICATE Sales    WITH PRIVATE KEY (FILE = 'D:\importkeys\SalesNew,    DECRYPTION BY PASSWORD =
```

D)

```
ALTER CERTIFICATE Sales    WITH PRIVATE KEY (DECRYPTION BY PASSWORD = 'EWYx9Xk+${#}');
```

Options:

- A- Option A
- B- Option B
- C- Option C
- D- Option D

Answer:

C

Question 5

Question Type: MultipleChoice

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Azure region
VM1	Azure virtual machine	West US 2
MI1	Azure SQL Managed Instance	East US

You need to configure a connection between VM1 and MIL. The solution must meet the following requirements:

- * The connection must be encrypted.
- * Network latency must be minimized.

What should you implement?

Options:

- A-** virtual network peering
- B-** private endpoints
- C-** service endpoints
- D-** a site-to-site VPN

Answer:

B

Question 6

Question Type: MultipleChoice

You have a on-premises Microsoft SQL Server named SQL1 that hosts five databases.

You need to migrate the databases to an Azure SQL managed instance. The solution must minimize downtime and prevent data loss.

What should you use?

Options:

- A- log shipping
- B- Always On availability groups
- C- Database Migration Assistant
- D- Backup and Restore

Answer:

A

Question 7

Question Type: MultipleChoice

You have an Azure subscription that contains a logical SQL server named Server1. The master database of Server1 contains a user named User1. You need to ensure that User1 can create databases on Server1. Which database role should you assign to User1?

Options:

A- db_owner

B- dbmanager

C- dbo

D- db_ddladmin

Answer:

B

Question 8

Question Type: MultipleChoice

You have an Azure SQL managed instance named SQLMI1 that hosts 10 databases.

You need to implement alerts by using Azure Monitor. The solution must meet the following requirements:

Minimize costs.

Aggregate Intelligent Insights telemetry from each database.

What should you do?

Options:

- A-** From the Diagnostic settings of each database, select Send to Log Analytics.
- B-** From the Diagnostic settings of each database, select Stream to an event hub.
- C-** From the Diagnostic settings of SQLMI1. select Send to Log Analytics.
- D-** From the Diagnostic settings of SQLMI1. select Stream to an event hub.

Answer:

A

Explanation:

<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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