Question 1

You have a burstable Azure virtual machine named VMI that hosts an instance of Microsoft SQL Server.

You need to attach an Azure ultra disk to VMI. The solution must minimize downtime on VMI.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Attach the ultra disk.
Stop and deallocate VM1.
Set Enable Ultra disk compatibility to **Yes**.
Resize VM1.
Start VM1.

Answer Area

Answer:

Question 2

Question Type: MultipleChoice

You have an Azure subscription that contains a SQL Server on Azure Virtual Machines instance named SQLVMI. SQLVMI hosts a database named OBI.

You need to retrieve query plans from the Query Store on DBI.

What should you do first?

Options:

A- On SQLVM1, install the SQL Server IaaS Agent extension.

B- From Microsoft SQL Server Management Studio, modify the properties of the SQL Server instance.

C- From Microsoft SQL Server Management Studio, modify the properties of DB 1.

D- On SQLVM1, install the Azure Monitor agent for Windows.

Answer:

B

Question 3

You have a Microsoft SQL Server 2017 server that hosts five databases.

You Plan to migrate the databases to Azure.

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

Automatically scales compute based on the workload demand

Provides per-second billing

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

Azure service:

A single Azure SQL database in the provisioned compute tier
A single Azure SQL database in the serverless compute tier
Answer: An Azure SQL Database elastic pool
Azure SQL Managed Instance

Question 4

Service tier:

Basic
General Purpose
You have a database named db1.
Standard

The log for db1 contains the following entry.

```
Date 10/5/2021 10:57:08 AM
Log SQL Server (Current - 10/5/2021 11:26:00 AM)

Source spid1595

Message
The transaction log for database 'db1' is full due to 'AVAILABILITY_REPLICA'
```

You need to ensure That db1 can process transactions.

Actions

Add db1 back to the availability group.
Shrink db1.
Shrink the transaction log file.
Remove db1 from the availability group.
Back up the transaction log file.

Answer Area

>

<

.

Answer:

Remove db1 from the availability group.

Question 5

Question Type: Hotspot

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

You run a query to bad data into Table1.

The performance Of Table1 during the load operation are shown in exhibit.

To reduce how long it takes to complete the query you must [**answer choice**].

scale the resource
use an elastic pool
perform query tuning

Answer:

To reduce the long IO load of the operation, the query must be updated to use [**answer choice**] table.

a temporary
an In-Memory OTLP durable
an In-Memory OTLP non durable

Question 6

Question Type: **OrderList**

You have an Azure subscription that contains an Azure SQL managed instance, a database named db1, and an Azure web app named Appl. Appl uses db1.

You need to enable Resource Governor for a App1. The solution must meet the following requirements:

App1 must be able to consume all available CPU resources.

App1 must have at least half of the available CPU resources always available.

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

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

Actions
Create a plan.
Create a classifier function in db1.
Create a workload group.
Create a classifier function in the master database.
Create a resource pool that has the following configurations. MAX_CPU_PERCENT = 100 MIN_CPU_PERCENT = 50

Answer Area

Answer:

Create a resized pool that has the following configurations. MAX_CPU_PERCENT = 100 MINCPU_PERCENT = 100

Question 7

Question Type: MultipleChoice

You manage 100 Azure SQL managed instances located across 10 Azure regions.

You need to receive voice message notifications when a maintenance event affects any of the 10 regions. The solution must minimize administrative effort.

What should you do?

Options:

A- From the Azure portal, create a service health alert.

B- From the Azure portal, create an Azure Advisor operational excellence alert.

C- From Microsoft SQL Server Management Studio (SSMS), configure a SQL Server agent job.

D- From the Azure portal, configure an activity log alert.

Answer:

C

Question 8

Question Type: **Hotspot**

You need to use an Azure Resource Manager ARM) template to deploy an Azure virtual machine that will host a Microsoft SQL Server instance. The solution must maximize disk I/O

performance for the SQL Server database and log files

How should you complete the template? To answer, select the appropriate options in the answer are

a.

NOTE: Each correct selection is worth one point.

```
"variables": (

    "dataDisks": {

        "caching": [            ▼ ]    "dataDiskCount": 8,"logDisksCount": 1,

            None
            ReadOnly
            ReadWrite

    ...

}
```

Answer:

Question 9

```
"resources": [

    ...

osDisk": {

    ...

copy": {

    {"name": "dataDisks","count": "[add(variables('dataDiskCount'), variables('logDisksCount'))]",

        "input": {"lun": "[copyIndex('dataDisks')]","createOption":"empty",

        "caching": "[if(greaterOrEquals(copyIndex('dataDisks'),parameters('dataDiskCount')),   [            ▼ ]

            variables('dataDisks').caching )]","diskSizeGB": 1023,

            None
            ReadOnly
            ReadWrite
```

Question Type: Hotspot

You have an Azure subscription that is linked to an Azure AD tenant named contoso.com. The subscription contains an Azure SQL database named SQL 1 and an Azure web

named app1. App1 has the managed identity feature enabled.
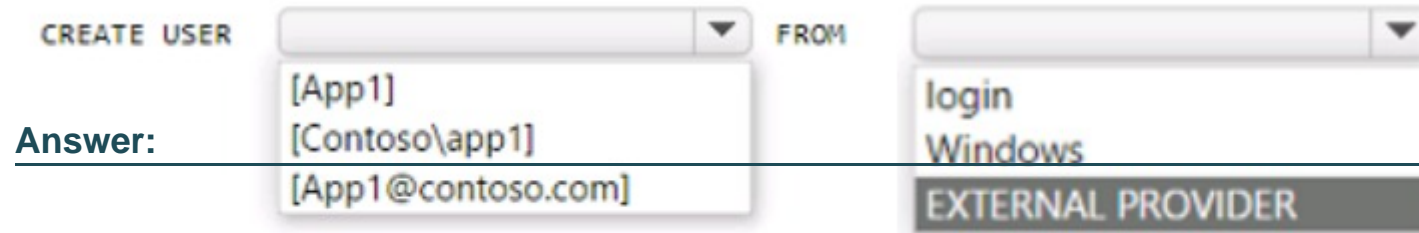
You need to create a new database user for app1.

How should you complete the Transact-SQL statement? To answer, select the appropriate options in the answer are

a.

NOTE: Each correct selection is worth one point.

CREATE USER [dropdown] FROM [dropdown]

| [App1] |
| [Contoso\app1] |
| [App1@contoso.com] |

| login |
| Windows |
| EXTERNAL PROVIDER |

Answer:

Question 10

Question Type: Hotspot

You have an Azure SQL logical server.

You run the following script.

Statements	Yes	No
The orders table will allow only rows to be inserted.	○	○

	Yes	No
To create additional tables in the Sales database, the LEDGER = ON parameter must be used.	○	○
To ensure that a timestamp is added to each row in the orders table, the GENERATED ALWAYS	○	○

Question 11

Question Type: Hotspot

```
WITH (
    SYSTEM_VERSIONING = ON,
    LEDGER = ON
)
GO
```

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.

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

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

a. **NOTE:** Each correct selection is worth one point

NOTE: Each correct selection is worth one point.

Autogrow: [dropdown]

ALTER DATABASE MODIFY File and Filegroup options
ALTER DATABASE SCOPED CONFIGURATION
ALTER DATABASE SET options

Answer:

Question 12

Autoshrink: [dropdown]

ALTER DATABASE MODIFY File and Filegroup options
ALTER DATABASE SCOPED CONFIGURATION
ALTER DATABASE SET options

Question Type: Hotspot

You have an Azure SQL database named DB1 that contains a table named Orders. The Orders table contains a row for each sales order. Each sales order includes the name of the

user who placed the order.

You need to implement row-level security (RLS). The solution must ensure that the users can view only their respective sales orders.

What should you include in the solution? To answer, select the appropriate options in the answer are

a.

NOTE: Each correct selection is worth one point.

Create:

A materialized view in DB1

A security policy in the Orders table

Database scoped credentials in DB1

Control access to the rows by using:

A masking rule

A table-valued function

The CONTAINS predicate