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Question 1

Question Type: Hotspot

You have an Azure subscription.

You need to deploy a logical SQL server by using an Azure Resource Manager (ARM) template. The solution must ensure that the server will allow inbound connectivity from any Azure resource.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
"resources": [  
  {  
    "type": "Microsoft.Sql/servers",  
    ...  
  },  
  {  
    "type": "Microsoft.Sql/servers/firewallRules",  
    "apiVersion": "2021-02-01-preview",  
    "name": "[concat(parameters('servers_a400m10102_name'), '/AllowAllWindowsAzureIps')]",  
    "dependsOn": [  
      "[resourceId('Microsoft.Sql/servers', parameters('servers_a400m10102_name'))]"  
    ],  
    "properties": {  
      "startIpAddress": "0.0.0.0",  
      "endIpAddress": "0.0.0.0"  
    }  
  }  
]
```

Answer:

Question 2

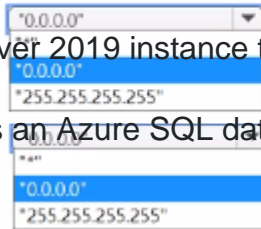
Question Type: MultipleChoice

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

You have an Azure subscription that contains an Azure SQL database named SQLDB1.

You need to replicate DB1 to SQIDC1.

Which type of replication should you use?



Options:

- A- peer-to-pec
- B- merge
- C- transactional

D- snapshot

Answer:

C

Question 3

Question Type: MultipleChoice

You Save an Azure SCX database named DB1.

You need to query the fragmentation information of data and indexes for the tables in D61.

Which command should you run?

A.

```
sys.dm_db_index_physical_stats
```

B.

```
DBCC SHOWCONTIG
```

C.

```
DBCC CHECKALLOC
```

D.

```
sys.dm_db_index_usage_stats
```

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

A

Question 4

Question Type: OrderList

You have an Azure key vault named Vault1 and a SQL Server on Azure Virtual Machines instance named SQL1. SQL 1 hosts a database named DB1.

You need to configure Transparent Data Encryption (TDE) on D61 to use a key in Vault1.

Which four 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.

Actions

- On SQL1, create a symmetric key.
- On SQL1, create a login from the symmetric key.
- Create an Azure AD service principal and grant the service principal permissions for Vault1.
- On SQL1, create an asymmetric key.
- On SQL1, create a cryptographic provider and a Microsoft SQL Server credential.
- On SQL1, create a login from the asymmetric key.

Answer Area



Answer:

On SQL1, create a cryptographic provider and a Microsoft SQL Server credential.
Create an Azure AD service principal and grant the service principal permissions for Vault1.
On SQL1, create an asymmetric key.
On SQL1, create a login from the asymmetric key.

Question 5

Question Type: MultipleChoice

You have an Azure subscription.

You create a logical SQL server that hosts four databases. Each database will be used by a separate customer.

You need to ensure that each customer can access only its own database. The solution must minimize administrative effort.

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

NOTE: Each correct selection is worth one point.

Options:

- A- Create a network security group (NSG)
- B- Create a server-level firewall rule
- C- Create a private endpoint
- D- Create a database-level firewall rule.
- E- Deny public access.

Answer:

C, D

Question 6

Question Type: MultipleChoice

You have an Azure subscription.

You need to deploy an Instance of SQL Server on Azure Virtual Machines. The solution must meet the following 'requirements:

- * Custom performance configuration. such as ICPS. capacity, and throughout, must be supported.
- * Costs must be minimized

Which type of disk should you include in the solution?

Options:

- A-** Premium SSD v2
- B-** Premium SSD
- C-** Ultra SSD
- D-** Standard SSD

Answer:

A

Question 7

Question Type: MultipleChoice

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

Name	Type	Description
SQLSVR1	Logical SQL server	Hosts one Azure SQL database
SQLDB11	Azure SQL database	Is hosted by SQLSVR1
SQLSVR2	Logical SQL server	Hosts two Azure SQL databases
SQLDB21	Azure SQL database	Is hosted by SQLSVR2
SQLDB22	Azure SQL database	Is hosted by SQLSVR2

You plan to use SQLDB11 as an elastic job database to run jobs on SQLDB11 and SQLDB22. What is the minimum number of database scoped credentials required for the elastic jobs?

Options:

A- 1

B- 2

C- 3

D- 4

Answer:

A

Question 8

Question Type: MultipleChoice

You have an Azure SQL database named SQL1.

You need to implement a disaster recovery solution for SQL1. The solution must minimize the following:

- * The recovery point objective (RPO)
- * The recovery time objective (RTO)
- * Administrative effort

What should you include in the solution?

Options:

A- auto failover groups

B- Azure Site Recovery

C- availability groups

D- active geo - replication

Answer:

A

Question 9

Question Type: Hotspot

You have an Azure SQL database named DB1 in the General Purpose service tier.

You need to monitor DB1 by using SQL insights.

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

NOTE: Each correct selection is worth one point.

Answer Area

Answer:

To collect monitoring data, use:

The Azure Monitor agent

A virtual machine

An Azure function

The Azure Monitor agent

To store monitoring data, create:

A Log Analytics workspace

A Log Analytics workspace

An Azure SQL database

An Azure Storage account

Question 10

Question Type: Hotspot

You have an Azure SQL database named D61.

You need to identify how much unused space in megabytes was allocated to DB1.

How should you complete the Transact-SQL query? To answer select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
SELECT SUM(size/ 128.0 - CAST(FILEPROPERTY(name, 'SpaceUsed') AS int)/128.0) AS DatabaseDataSpaceAllocatedUnusedInMB
```

```
FROM sys.databases
```

128.0

16.0

128.0

512.0

Answer:

```
FROM sys.database_files
```

```
GROUP BY sys.database_files
```

```
sys.resource_stats
```

```
HAVING t sys.dm_db_resource_stats
```

Question 11

Question Type: MultipleChoice

You have An Azure SQL managed instance.

You need to configure the SQL Server Agent service to email job notifications.

Which statement should you execute?

A)

```
EXECUTE msdb.dbo.sysmail_add_profile_sp @profile_name = 'sysadmin_dbmail_profile';
```

B)

```
EXECUTE msdb.dbo.sysmail_add_profile_sp @profile_name = 'application_dbmail_profile';
```

C)

```
EXECUTE msdb.dbo.sysmail_add_profile_sp @profile_name = 'AzureManagedInstance_dbmail_profile';
```

```
EXECUTE msdb.dbo.sysmail_add_profile_sp @profile_name = 'sys_dbmail_profile';
```

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

B

Question 12

Question Type: OrderList

You create a new Azure SQL managed instance named SQL1 and enable Database Mail extended stored procedures.

You need to ensure that SQL Server Agent jobs running on SQL 1 can notify administrators when a failure occurs.

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.

Actions

- Enable pager notifications upon failure.
- Create a profile named `application_dbmail_profile`.
- Create a Database Mail account.
- Create a profile named `AzureManagedInstance_dbmail_profile`.
- Enable email notifications upon failure.



Answer Area

- 1
- 2
- 3

Answer:

Create a Profile named `AzureManagedInstance_dbmail_profile`.

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