Microsoft

Exam Questions 70-473
Designing and Implementing Cloud Data Platform Solutions
NEW QUESTION 1
- (Exam Topic 2)
You need to recommend a solution to implement high availability for the Listings database. Which three actions should you recommend be performed in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 2
- (Exam Topic 2)
You need to configure server-level access to the ListTest database, adatum. What statement should you use? To answer, drag the appropriate elements to the correct locations. Each element may be used once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.
NEW QUESTION 3
- (Exam Topic 3)
You establish a site-to-site VPN to Microsoft Azure.
You need to implement a high-availability solution for the data warehouse. The solution must meet the business goals and the technical requirements. Which two actions should you perform? Each correct answer presents part of the solution.

A. Configure the databases to be in Full recovery model.
B. Create an AlwaysOn availability group between SQL03 and SQL04.
C. Implement iSCSI storage.
D. Migrate SQL03 to an Azure virtual machine and configure an AlwaysOn availability group

Answer: AB

NEW QUESTION 4
- (Exam Topic 3)
You need to implement a storage architecture for the Azure virtual machines that will host the OLTP database. The solution must meet the business goals and the technical requirements.

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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 5
- (Exam Topic 4)
You plan to prepare the environment for the planned new customers. You need to deploy a base copy of DB1 for each customer in Azure.

Which cmdlets should you use in the Azure PowerShell script? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Get-AzureRmSqlDatabase
The Get-AzureRmSqlDatabase cmdlet gets one or more Azure SQL databases from an Azure SQL Database Server.
Partial syntax:
Box 2: Restore-AzureRmSqlDatabase
The Restore-AzureRmSqlDatabase cmdlet restores a SQL database from a geo-redundant backup, a backup of a deleted database, a long term retention backup, or a point in time in a live database. The restored database is created as a new database.
Partial syntax:
Restore-AzureRmSqlDatabase
e:
https://docs.microsoft.com/en-us/powershell/module/azurerm.sql/get-azurermsqldatabase?view=azurermps-6.7.0

NEW QUESTION 6
- (Exam Topic 4)
You need to design a security strategy to support the planned changes for the customer databases. The solution must meet the security requirements. Which two security roles should you grant to the customers? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.
A. db_datawriter
B. dbcreator
C. db_ddladmin
D. db_datareader

Answer: CD

Explanation:
From Scenario: Security requirements
- Relecloud identifies the following requirements:
  - Customers must be able to read data only. (db_datareader)
  - Customers must be able to create custom views. (db_ddladmin)
  - Customers must be able to use two-factor authentication when accessing Azure SQL databases.

NEW QUESTION 7
- (Exam Topic 5)
You need to recommend a solution to meet the network requirement. What should you recommend?
A. Implement forced tunneling.
B. Create a network security group (NSG) rule.
C. Create an Azure virtual network gateway.
D. Implement split tunneling.

Answer: C

Explanation:
Application Gateway operates as an application delivery controller and offers SSL termination, cookie-based session affinity, round-robin load distribution, content-based routing, ability to host multiple websites and security enhancements.
Scenario: Networking requirements
All Internet traffic initiated from the servers in Azure must be routed through the local network firewalls and content filters.

NEW QUESTION 8
- (Exam Topic 5)
You need to prepare the Azure environment for the planned migration of DB1. The solution must meet the requirements of the finance department. Which two tasks should you perform in Azure? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.
A. Configure a Filtered replication publication
B. Create an Azure virtual machine that runs SQL Server
C. Configure multiple active replicas.
D. Create an Azure SQL database.

Answer: AD
NEW QUESTION 9
- (Exam Topic 6)
You have four Microsoft Azure SQL databases located on the same database server. You need to configure the databases to be in an elastic database pool. 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.
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

**Explanation:**

**References:**

A. Mastered
B. Not Mastered

**Answer:** A

**NEW QUESTION 10**
- (Exam Topic 6)
You are evaluating the migration of an on-premises Microsoft SQL server database to a Microsoft Azure SQL database. You need to identify the minimum service tier required to host the database. Which three metrics should you evaluate? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. the concurrent sessions
B. the I/O latencies
C. the number of worker threads
D. the max degree of parallelism
E. the database size

**Answer:** ABD

**NEW QUESTION 11**
- (Exam Topic 6)
Your environment contains a Microsoft Azure machine that has Microsoft SQL Server Standard installed. An application named App1 uses the data stored in SQL server. The Service level Agreement (SLA) for App1 states that the application can lose a maximum of 10 minutes of data and that the data must be available if two Azure regions fail. You need to implement a solution that provides disaster recovery for App1. In two other Azure regions, you deploy an Azure virtual machine that has SQL Server installed. What should you implement next?

A. Merge Replication
B. AlwaysOn Failover Cluster Instances
C. AlwaysOn Availability Groups
D. Log Shipping

**Answer:** D

**NEW QUESTION 12**

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Your company has a Microsoft Azure SQL database that is hosted in the West US region and uses the S1 performance level.

You need to ensure that the database is available as quickly as possible if the database is deleted accidentally. The solution must minimize data loss.

What should you implement for the database?

A. Active Geo-Replication
B. database mirroring
C. BACPAC exports
D. log shipping

Answer: A

NEW QUESTION 13

- (Exam Topic 6)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Microsoft Azure Database for MySQL Server named SQLDB1. Four database administrators manage SQLDB1. You need to prevent any administrator from deleting the server that hosts SQLDB1. Solution: You remove the Delete permission for SQLDB1 from the Azure portal. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 14

- (Exam Topic 6)

You have several web applications that are hosted in the west us region in Microsoft Azure. You discover that a web application named App4 takes longer than expected to run.

You review the Azure SQL databases in your Azure subscription and discover that all the databases are hosted in the East US regions.

You identify that App4 queries a local database as quickly as possible.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 15

- (Exam Topic 6)

HOTSPOT

You have a database named DB1 hosted on Microsoft Azure Database for MySQL servers. DB1 contains two tables named table1 and table2. Several web servers access DB1.

You create a login named Login1 to access the database from any web server. You need to ensure that Login1 can read the tables in DB1. The solution must ensure that Login1 can read all the tables created in the future.

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

NOTE: Each correct selection is worth one point.
NEW QUESTION 16
- (Exam Topic 6)
You have a Microsoft Azure SQL database named Database1.
You need to implement the Always Encrypted feature for Database1.
In which sequence should you execute the code blocks? To answer, move all the code blocks from the list of code blocks to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NEW QUESTION 17
- (Exam Topic 6)
NO: 157 DRAG DROP
You are monitoring a Microsoft Azure SQL database. You need to view which queries users are running against the database currently. Which statement should you use? To answer, drag the appropriate elements to the correct locations. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
**NOTE:** Each correct selection is worth one point.

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

```
CREATE COLUMN ENCRYPTION KEY [ColumnKey]
WITH
(
    COLUMN_MASTER_KEY = [MasterKey],
    ALGORITHM = 'RSA_OAEP',
    ENCRYPTED_VALUE = 0x1
)
```

NEW QUESTION 18
- (Exam Topic 6)
Your company registers the domain name of contoso.com. You plan to deploy two web servers, two application servers, and two Microsoft SQL server instances on Microsoft Azure virtual machines. All of the virtual machines will be located on the same Azure virtual network. The SQL Server instances will be in an AlwaysOn availability group. You need to ensure that the web servers and the application servers can access the availability group listener by using a fully qualified domain name (FQDN) from the contoso.com domain. Which three actions should you perform? Each correct answer presents part of the solution. **NOTE:** Each correct selection is worth one point.

A. Register a public DNS service on the Azure virtual network.
B. Add a subnet to the Azure virtual network.
C. Deploy a domain controller and join the virtual machines to the domain.
D. Register a DNS server on the Azure virtual network.
E. Use the Azure provided name resolution service.
F. Deploy a DNS server.

Answer: ACF

NEW QUESTION 19
- (Exam Topic 6)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a Microsoft Azure tenant.
You need to provision a new Azure Database for MySQL server database in the tenant. Solution: You run the Add-AzureRmSqlDatabase cmdlet from PowerShell.
Does this meet the goal?
A. Yes
B. No

Answer: B

Explanation:
This would create an Azure SQL Server database.

NEW QUESTION 20
- (Exam Topic 6)
You plan to deploy two Microsoft Azure virtual machines that will run Microsoft SQL Server.
You need to ensure that users can continue to access the data on the SQL servers during Azure planned maintenance events.
Which three components should you include in the solution? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.
A. Traffic Manager
B. an Always On availability group
C. a virtual network service endpoint
D. an availability set
E. an internal load balancer

Answer: BDE

Explanation:
References:

NEW QUESTION 21

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