



Free Questions for *AZ-305* by *certsinside*

Shared by *Castillo* on *24-05-2024*

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Question 1

Question Type: MultipleChoice

You need to recommend a solution for the App1 maintenance task. The solution must minimize costs.

What should you include in the recommendation?

Options:

- A- an Azure logic app
- B- an Azure function
- C- an Azure virtual machine
- D- an App Service WebJob

Answer:

C

Explanation:

<https://learn.microsoft.com/en-us/azure/azure-functions/functions-reference-powershell?tabs=portal>

Question 2

Question Type: MultipleChoice

Your company deploys several virtual machines on-premises and to Azure. ExpressRoute is deployed and configured for on-premises to Azure connectivity.

Several virtual machines exhibit network connectivity issues.

You need to analyze the network traffic to identify whether packets are being allowed or denied from Azure to the virtual machines.

Solution: Install and configure the Azure Monitoring agent and the Dependency Agent on all the virtual machines. Use VM insights in Azure Monitor to analyze the network traffic.

Does this meet the goal?

Options:

A- Yes

B- No

Answer:

B

Question 3

Question Type: Hotspot

You have an on-premises Microsoft SQL Server database named SQL1.

You plan to migrate SQL 1 to Azure.

You need to recommend a hosting solution for SQL1. The solution must meet the following requirements:

- * Support the deployment of multiple secondary, read-only replicas.
- * Support automatic replication between primary and secondary replicas.
- * Support failover between primary and secondary replicas within a 15-minute recovery time objective (RTO).

Answer Area

Answer:

Azure service or service tier:

- Azure SQL Database
- Azure SQL Managed Instance
- The Hyperscale service tier

Replication mechanism:

- Active geo-replication
- Auto-failover groups
- Standard geo-replication

Question 4

Question Type: MultipleChoice

You plan to deploy an application named App1 that will run in containers on Azure Kubernetes Service (AKS) clusters. The AKS clusters will be distributed across four Azure regions.

You need to recommend a storage solution to ensure that updated container images are replicated automatically to all the Azure regions hosting the AKS clusters.

Which storage solution should you recommend?

Options:

- A- Azure Cache for Redis
- B- Premium SKU Azure Container Registry
- C- Azure Content Delivery Network (CON)

D- geo-redundant storage (GRS) accounts

Answer:

B

Question 5

Question Type: MultipleChoice

You are designing an app that will include two components. The components will communicate by sending messages via a queue. You need to recommend a solution to process the messages by using a First in. First out (FIFO) pattern. What should you include in the recommendation?

Options:

- A-** storage queues with a custom metadata setting
- B-** Azure Service Bus queues with sessions enabled
- C-** Azure Service Bus queues with partitioning enabled
- D-** storage queues with a stored access policy

Answer:

B

Question 6

Question Type: Hotspot

You have an app that generates 50,000 events daily.

You plan to Stream the events to an Azure event hub and use Event Hubs Capture to implement cold path processing Of the events Output Of Event Hubs Capture will be consumed by a reporting system.

You need to identify which type of Azure storage must be provisioned to support Event Hubs Capture, and which inbound data format the reporting system must support.

What should you identify? To answer. select the appropriate options in the answer are

a.

NOTE: Each correct selection is worth one point.

Storage type:
Azure Data Lake Storage Gen2
Premium block blobs
Premium file shares

Answer:

Data format:

Apache Parquet
Avro
JSON

Question 7

Question Type: MultipleChoice

You need to design a highly available Azure SQL database that meets the following requirements:

Failover between replicas of the database must occur without any data loss.

The database must remain available in the event of a zone outage.

Costs must be minimized

Which deployment option should you use?

Options:

A- Azure SQL Database Standard

B- Azure SQL Database Serverless

C- Azure SQL Managed Instance General Purpose

D- Azure SQL Database Premium

Answer:

C

Question 8

Question Type: MultipleChoice

You have a multi-tier app named Appl and an Azure SQL database named SQL I. The backend service Of Appl writes data to Users use the Appl client to read the data from SQL 1.

During periods of high utilization the users experience delays retrieving the dat

a.

You need to minimize how long it takes for data requests.

What should you include in the solution?

Options:

- A- Azure Synapse Analytics
- B- Azure Content Delivery Network (CON)
- C- Azure Data Factory
- D- Azure Cache for Redis

Answer:

D

Question 9

Question Type: DragDrop

You have an on-premises named App 1.

Customers App1 to manage digital images.

You plan to migrate App1 to Azure.

You need to recommend a data storage solution for Appl. The solution must meet the following image storage requirements:

Encrypt images at rest.

Allow files up to 50M

Services

- Azure Blob storage
- Azure SQL Database
- Azure Table storage

Answer Area

Image storage: Service

Customer accounts: Service

Question 10

Question Type: MultipleChoice

You need to design a highly available Azure SQL database that meets the following requirements:

- * Failover between replicas of the database must occur without any data loss.
- * The database must remain available in the event of a zone outage.
- * Costs must be minimized.

Which deployment option should you use?

Options:

- A-** Azure SQL Database Premium
- B-** Azure SQL Database Hyperscale

C- Azure SQL Database Basic

D- Azure SQL Managed Instance Business Critical

Answer:

D

Question 11

Question Type: MultipleChoice

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure AD tenant
East	Sub1	Contoso.com
West	Sub2	Fabrikam.com

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

Options:

- A- Configure the Azure AD provisioning service.
- B- Configure Supported account types in the application registration and update the sign-in endpoint.
- C- Configure assignments for the fabrikam.com users by using Azure AD Privileged Identity Management (PIM).
- D- Enable Azure AD pass-through authentication and update the sign-in endpoint

Answer:

C

Question 12

Question Type: MultipleChoice

You plan to deploy multiple instances of an Azure web app across several Azure regions.

You need to design an access solution for the app. The solution must meet the following replication requirements;

- * Support rate limiting.
- * Balance requests between all instances.
- * Ensure that users can access the app in the event of a regional outage.

Solution: You use Azure Traffic Manager to provide access to the app.

Does this meet the goal?

Options:

A- Yes

B- No

Answer:

B

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