

# **Free Questions for AZ-305**

**Shared by Potts on 04-10-2024**

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# Question 1

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## Question Type: Hotspot

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You need to recommend a solution to integrate Azure Cosmos DB and Azure Synapse. The solution must meet the following requirements:

- \* Traffic from an Azure Synapse workspace to the Azure Cosmos DB account must be sent via the Microsoft backbone network.
- \* Traffic from the Azure Synapse workspace to the Azure Cosmos DB account must NOT be routed over the internet.
- \* Implementation effort must be minimized.

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

NOTE: Each correct selection is worth one point.

### Answer Area

When provisioning the Azure Synapse workspace:

- Configure a dedicated managed virtual network.
- Configure a dedicated managed virtual network.
- Disable public network access to the workspace endpoints.
- Enable the use of the Azure AD authentication.

### Answer:

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When configuring the Azure Cosmos DB account, enable:

- Managed private endpoints
- Managed private endpoints
- Server-level firewall rules
- Service endpoint policies

# Question 2

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## Question Type: Hotspot

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You have the Azure resources shown in the following table.

Name	Description
contoso.com	Microsoft Entra tenant
abrikam.com	Microsoft Entra tenant
mg01	Management group in the contoso.com tenant that contains two Azure subscriptions
mg02	Management group in the contoso.com tenant that contains one Azure subscription
mg03	Management group in the abrikam.com tenant that contains three Azure subscriptions

Network Manager. The solution must meet the

ons in the answer area.

Answer Area

Minimum number of required network managers:

- 1
- 2
- 3

Answer:

Assign the network group membership by using:

- Azure Policy
- Azure Automanage
- Azure Automation
- Azure Policy

### Question 3

Question Type: MultipleChoice

You plan to deploy an Azure BareMetal Infrastructure instance that will host the data tier of a business-critical workload. The application tier of the workload will be hosted on Azure virtual machines.

You need to configure the virtual machines to minimize network latency between the application tier and the data tier.

What should you use?

**Options:**

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- A- an availability zone
- B- ExpressRoute FastPath
- C- an availability set
- D- a proximity placement group

**Answer:**

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D

## Question 4

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**Question Type: MultipleChoice**

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You have an Azure subscription that contains 100 virtual machines in the North Europe Azure region.

You replicate the virtual machines to the West Europe region by using Azure Site Recovery.

You plan to perform disaster recovery testing once a month. The testing will be performed during an eight-hour period, during which the virtual machines will be accessed, and their functionality validated. The virtual machines will be shut down when testing is not being performed.

You need to estimate the costs of the Site Recovery solution per month. Which costs should the estimate include?

**Options:**

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**A-** the virtual machine compute costs for only eight hours, the virtual machine storage costs for the entire month, and the Site Recovery license costs per protected virtual machine for the entire month

**B-** the virtual machine compute costs for the entire month, the virtual machine storage costs for all the hours each month, and the Site Recovery license costs per protected virtual machine for the entire month

**C-** the virtual machine compute costs for only eight hours, the virtual machine storage costs for only eight hours, and the Site Recovery license costs per protected virtual machine for only eight hours

**D-** the virtual machine compute costs for only eight hours, the virtual machine storage costs for only eight hours, and the Site Recovery license costs per protected virtual machine for the entire month

**Answer:**

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A

## Question 5

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**Question Type: Hotspot**

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You plan to deploy multiple containerized microservice-based apps to Azure Kubernetes Service (AKS).

You need to recommend a solution that implements the following functions:

- \* State management
- \* Pub/sub messaging
- \* Traffic routing and splitting

The solution must minimize administrative effort.


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


NOTE: Each correct selection is worth one point.


## Answer Area

Answer:

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State management:    
Dapr  
Flux  
Istio

Pub/sub messaging:    
Dapr  
Flux  
Istio

Traffic routing and splitting:    
Dapr  
Flux  
Istio

## Question 6

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Question Type: MultipleChoice

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A company needs a datastore created in Azure for an application. Below are the key requirements for the data store.

Ability to store JSON based items

Ability to use SQL like queries on the datastore

Ability to provide low latency access to data items

Which of the following would you consider as the data store?

Options:

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A- Azure BLOB storage

B- Azure CosmosDB

C- Azure HDInsight

D- Azure Redis

**Answer:**

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B



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