



Designing Microsoft Azure Infrastructure Solutions 2023

AZ- 305

Version: V23.01 - Demo

1 You plan to migrate App1 to Azure.

You need to recommend a network connectivity solution for the Azure Storage account that will host the App1 data. The solution must meet the security and compliance requirements. What should you include in the recommendation?

- A. a private endpoint
- B. a service endpoint that has a service endpoint policy
- C. Azure public peering for an ExpressRoute circuit
- D. Microsoft peering for an ExpressRoute circuit

Answer: A

2 You plan to store data in Azure Blob storage for many years. The stored data will be accessed rarely.

You need to ensure that the data in Blob storage is always available for immediate access. The solution must minimize storage costs.

Which storage tier should you use?

- A. Cool
- B. Archive
- C. Hot

Answer: A

3 You have an Azure subscription.

You need to recommend an Azure Kubernetes service (AKS) solution that will use Linux nodes. The solution must meet the following requirements:

- * Minimize the time it takes to provision compute resources during scale-out operations.
- * Support autoscaling of Linux containers.
- * Minimize administrative effort.

Which scaling option should you recommend?

- A. Virtual Kubetet

- B. cluster autoscaler
- C. virtual nodes
- D. horizontal pod autoscaler

Answer: B

4 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 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 Application Gateway to provide access to the app. Does this meet the goal?

- A.
Yes
- B.
No

Answer: B

5. You need to recommend a strategy for the web tier of WebApp1. What should you include in the recommendation?

- A. An Azure SQL Database elastic pool.
- B. A vCore-based Azure SQL database.
- C. An Azure virtual machine that runs SQL Server
- D. A fixed size DTU Azure SQL Database

Answer: B

6. You need to recommend a strategy for the web tier of WebApp1. The solution must minimize. What should you recommend?

A. Create a runbook that resizes virtual machines automatically to a smaller size outside of business.

B. Configure the Scale Up settings for a web app.

C. Deploy a virtual machine scale set that scales out on a 75 percent CPU threshold.

D. Configure the Scale Out settings for a web app.

A. an Azure SQL Database elastic pool

Answer: A

7. To meet the authentication requirements of Fabrikam, 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.

Minimum number of Azure AD tenants:

	▼
0	
1	
2	
3	
4	

Minimum number of custom domains to add:

	▼
0	
1	
2	
3	
4	

Minimum number of conditional access policies to create:

	▼
0	
1	
2	
3	
4	

Answer:

Minimum number of Azure AD tenants:

	▼
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	▼
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1	
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7 You have an application that is used by 6,000 users to validate their vacation requests. The application manages its own credential Users must enter a username and password to access the application.

The application does NOT support identity providers.

You plan to upgrade the application to use single sign-on (SSO) authentication by using an Azure Active Directory (Azure AD) application registration.

Which SSO method should you use?

- A. OpenID Connect
- B. password-based

- C.** SAML
- D.** header-based

Answer: B

8 You have an Azure subscription.

You need to recommend an Azure Kubernetes service (AKS) solution that will use Linux nodes. The solution must meet the following requirements:

- * Minimize the time it takes to provision compute resources during scale-out operations.
- * Support autoscaling of Linux containers.
- * Minimize administrative effort.

Which scaling option should you recommend?

- E.** Virtual Kubermet
- F.** cluster autoscaler
- G.** virtual nodes
- H.** horizontal pod autoscaler

Answer: B

certsharks