



AZ-304^{Q&As}

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QUESTION 1

You use Azure Application Insights.

You plan to use continuous export.

You need to store Application Insights data for five years.

Which Azure service should you use?

- A. Azure SQL Database
- B. Azure Storage
- C. Azure Monitor Logs
- D. Azure Backup

Correct Answer: B

Create a Continuous Export.

1.

In the Application Insights resource for your app under configure on the left, open Continuous Export and choose Add:

2.

Choose the telemetry data types you want to export.

3.

Create or select an Azure storage account where you want to store the data.

Click Add, Export Destination, Storage account, and then either create a new store or choose an existing store.

4.

Create or select a container in the storage.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/export-telemetry#continuous-export-advanced-storage-configuration>

QUESTION 2

You plan to deploy an application named App1 that will run on five Azure virtual machines. Additional virtual machines will be deployed later to run App1. You need to recommend a solution to meet the following requirements for the virtual machines that will run App1:

1.



Ensure that the virtual machines can authenticate to Azure Active Directory (Azure AD) to gain access to

2.

an Azure key vault, Azure Logic Apps instances, and an Azure SQL database.

3.

Avoid assigning new roles and permissions for Azure services when you deploy additional virtual machines.

4.

Avoid storing secrets and certificates on the virtual machines. Which type of identity should you include in the recommendation?

- A. a service principal that is configured to use a certificate
- B. a system-assigned managed identity
- C. a service principal that is configured to use a client secret
- D. a user-assigned managed identity

Correct Answer: D

Managed identities for Azure resources is a feature of Azure Active Directory. User-assigned managed identity can be shared. The same user-assigned managed identity can be associated with more than one Azure resource. Incorrect Answers:

B: System-assigned managed identity cannot be shared. It can only be associated with a single Azure resource.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview>

QUESTION 3

Note: This question is a part of 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 an Azure Active Directory (Azure AD) tenant named contoso.com. The tenant contains a group named Group1. Group1 contains all the administrative user accounts.

You discover several login attempts to the Azure portal from countries where administrative users do NOT work.

You need to ensure that all login attempts to the Azure portal from those countries require Azure Multi-Factor Authentication (MFA).



Solution: You implement an access package.

Does this solution meet the goal?

A. Yes

B. No

Correct Answer: B

Instead implement Azure AD Privileged Identity Management.

Note: Azure Active Directory (Azure AD) Privileged Identity Management (PIM) is a service that enables you to manage, control, and monitor access to important resources in your organization.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

QUESTION 4

You are designing a microservices architecture that will be hosted in an Azure Kubernetes Service (AKS) cluster. Apps that will consume the microservices will be hosted on Azure virtual machines. The virtual machines and the AKS cluster will reside on the same virtual network. You need to design a solution to expose the microservices to the consumer apps. The solution must meet the following requirements:

1.

Ingress access to the microservices must be restricted to a single private IP address and protected by using mutual TLS authentication.

2.

The number of incoming microservice calls must be rate-limited.

3.

Costs must be minimized. What should you include in the solution?

A. Azure API Management Premium tier with virtual network connection

B. Azure Front Door with Azure Web Application Firewall (WAF)

C. Azure API Management Standard tier with a service endpoint

D. Azure App Gateway with Azure Web Application Firewall (WAF)

Correct Answer: A

One option is to deploy APIM (API Management) inside the cluster VNet.

The AKS cluster and the applications that consume the microservices might reside within the same VNet, hence there is no reason to expose the cluster publicly as all API traffic will remain within the VNet. For these scenarios, you can

deploy API Management into the cluster VNet. API Management Premium tier supports VNet deployment.



Reference:

<https://docs.microsoft.com/en-us/azure/api-management/api-management-kubernetes>

QUESTION 5

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 an Azure Storage account that contains two 1-GB data files named File1 and File2. The data files are set to use the archive access tier.

You need to ensure that File1 is accessible immediately when a retrieval request is initiated.

Solution: You move File1 to a new storage account. For File1, you set Access tier to Archive.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Instead use the hot access tier.

The hot access tier has higher storage costs than cool and archive tiers, but the lowest access costs. Example usage scenarios for the hot access tier include:

1.

Data that's in active use or expected to be accessed (read from and written to) frequently.

2.

Data that's staged for processing and eventual migration to the cool access tier.

References: <https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers>

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