QUESTION 85

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.

Your company plans to deploy various Azure App Service instances that will use Azure SQL databases.

The App Service instances will be deployed at the same time as the Azure SQL databases.

The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.

You need to recommend a solution to meet the regulatory requirement.

Solution: You recommend using an Azure policy initiative to enforce the location.

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Azure Resource Policy Definitions can be used which can be applied to a specific Resource Group with the App Service instances.

Reference:

https://docs.microsoft.com/en-us/azure/governance/policy/overview

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QUESTION 86

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.

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The App Service instances will be deployed at the same time as the Azure SQL databases.

The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.

You need to recommend a solution to meet the regulatory requirement.

Solution: You recommend using the Regulatory compliance dashboard in Azure Security Center.

Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
The Regulatory compliance dashboard in Azure Security Center is not used for regional compliance.
Note: Instead Azure Resource Policy Definitions can be used which can be applied to a specific Resource Group with the App Service instances.
Note 2: In the Azure Security Center regulatory compliance blade, you can get an overview of key portions of your compliance posture with respect to a set of supported standards. Currently supported standards are Azure CIS, PCI DSS 3.2, ISO 27001, and SOC TSP.
Reference:
https://docs.microsoft.com/en-us/azure/governance/policy/overview
https://azure.microsoft.com/en-us/blog/regulatory-compliance-dashboard-in-azure-security-centernow-available/

QUESTION 87
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.
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The App Service instances will be deployed at the same time as the Azure SQL databases.
The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.
You need to recommend a solution to meet the regulatory requirement.
Solution: You recommend using an Azure policy to enforce the resource group location.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Azure Resource Policy Definitions can be used which can be applied to a specific Resource Group with the App Service instances.
Reference:
https://docs.microsoft.com/en-us/azure/governance/policy/overview

QUESTION 88

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.
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The App Service instances will be deployed at the same time as the Azure SQL databases.
The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.
You need to recommend a solution to meet the regulatory requirement.
Solution: You recommend creating resource groups based on locations and implementing resource locks on the resource groups.
Does this meet the goal?

A. Yes
B. No

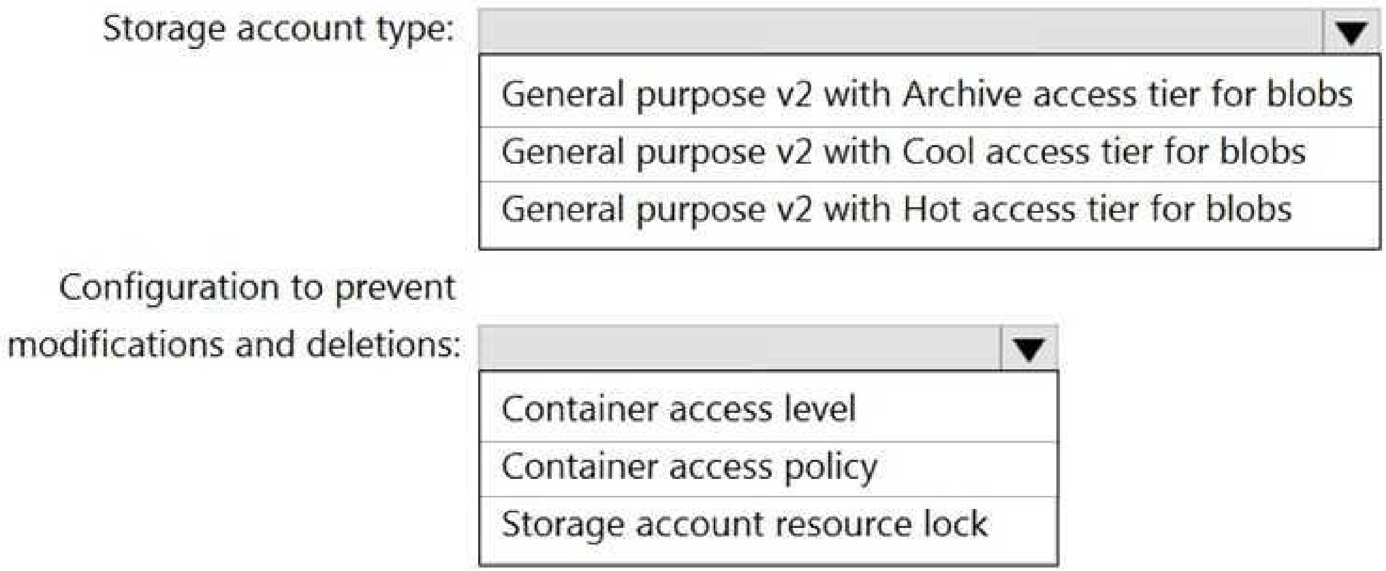
Answer: B

Explanation:
Resource locks are not used for compliance purposes. Resource locks prevent changes from being made to resources.
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources

QUESTION 89

HOTSPOT
You are planning an Azure Storage solution for sensitive dat
a. The data will be accessed daily. The data set is less than 10 GB.

You need to recommend a storage solution that meets the following requirements:
All the data written to storage must be retained for five years.
Once the data is written, the data can only be read. Modifications and deletion must be prevented.
After five years, the data can be deleted, but never modified.
Data access charges must be minimized
What should you recommend? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



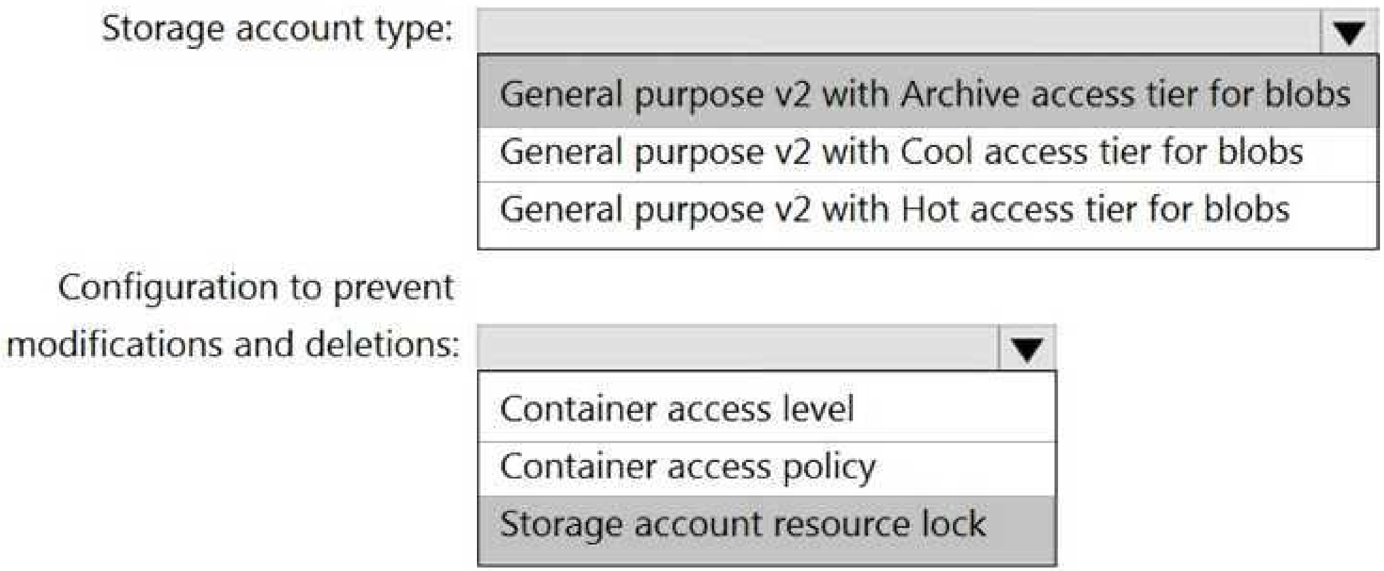
Storage account type:

- General purpose v2 with Archive access tier for blobs
- General purpose v2 with Cool access tier for blobs
- General purpose v2 with Hot access tier for blobs

Configuration to prevent modifications and deletions:

- Container access level
- Container access policy
- Storage account resource lock

Answer:



Storage account type:

[✓ General purpose v2 with Archive access tier for blobs]
General purpose v2 with Cool access tier for blobs
General purpose v2 with Hot access tier for blobs

Configuration to prevent modifications and deletions:

Container access level
Container access policy
[✓ Storage account resource lock]

Explanation:
Box 1: General purpose v2 with Archive acce3ss tier for blobs
Archive - Optimized for storing data that is rarely accessed and stored for at least 180 days with flexible latency requirements, on the order of hours.
Cool - Optimized for storing data that is infrequently accessed and stored for at least 30 days.
Hot - Optimized for storing data that is accessed frequently.
Box 2: Storage account resource lock
As an administrator, you can lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. The lock overrides any permissions the user might have.
Note: You can set the lock level to CanNotDelete or ReadOnly. In the portal, the locks are called Delete and Read-only respectively.
CanNotDelete means authorized users can still read and modify a resource, but they can't delete the resource.
ReadOnly means authorized users can read a resource, but they can't delete or update the resource. Applying this lock is similar to restricting all authorized users to the permissions granted by the Reader role.
Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers

QUESTION 90

HOTSPOT

You have an Azure subscription that contains a virtual network named VNET1 and 10 virtual machines. The virtual machines are connected to VNET1.

You need to design a solution to manage the virtual machines from the internet. The solution must meet the following requirements:

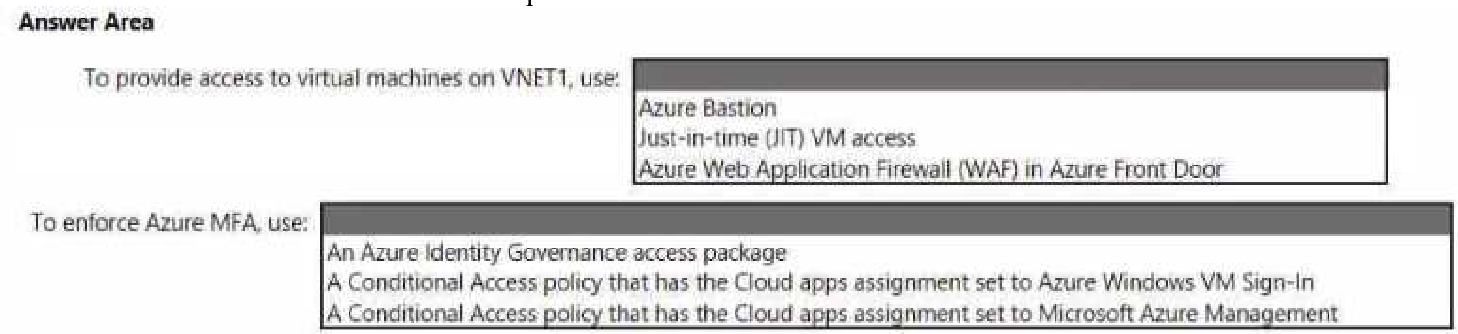
Incoming connections to the virtual machines must be authenticated by using Azure Multi-Factor Authentication (MFA) before network connectivity is allowed.

Incoming connections must use TLS and connect to TCP port 443.

The solution must support RDP and SSH.

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.



Answer Area

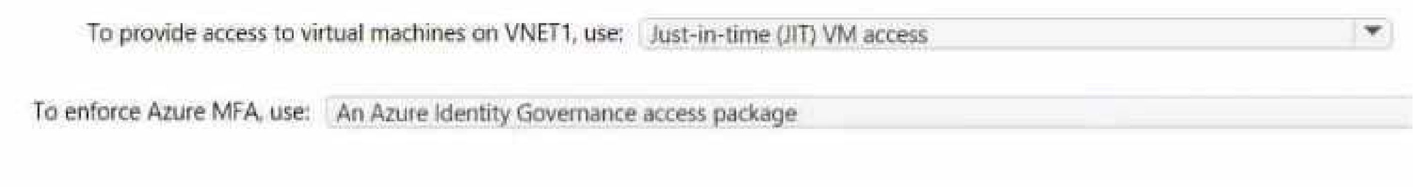
To provide access to virtual machines on VNET1, use:

- Azure Bastion
- Just-in-time (JIT) VM access
- Azure Web Application Firewall (WAF) in Azure Front Door

To enforce Azure MFA, use:

- An Azure Identity Governance access package
- A Conditional Access policy that has the Cloud apps assignment set to Azure Windows VM Sign-In
- A Conditional Access policy that has the Cloud apps assignment set to Microsoft Azure Management

Answer:



To provide access to virtual machines on VNET1, use: Just-in-time (JIT) VM access

To enforce Azure MFA, use: An Azure Identity Governance access package

Explanation:

QUESTION 91

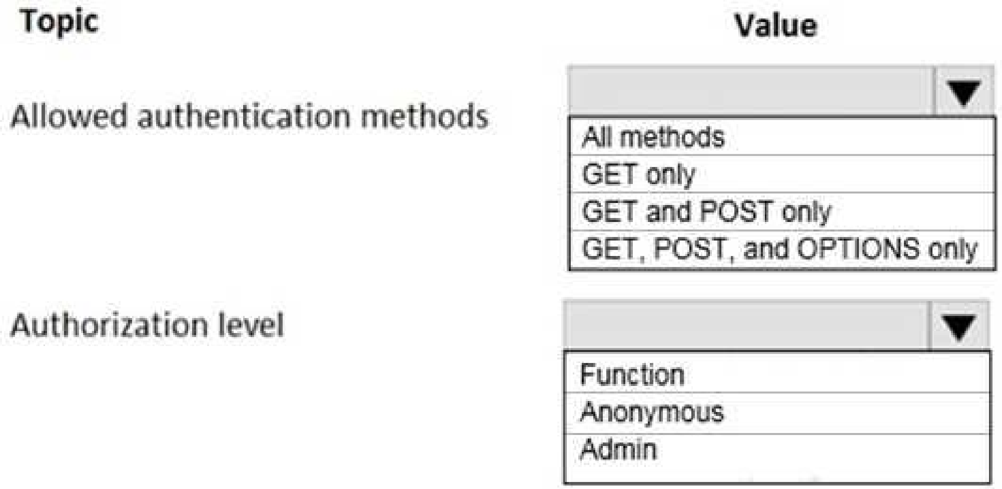
HOTSPOT

A company plans to implement an HTTP-based API to support a web app. The web app allows customers to check the status of their orders.

The API must meet the following requirements:

Implement Azure Functions

Provide public read-only operations
Do not allow write operations
You need to recommend configuration options.
What should you recommend? To answer, configure the appropriate options in the dialog box in the answer area.
NOTE: Each correct selection is worth one point.

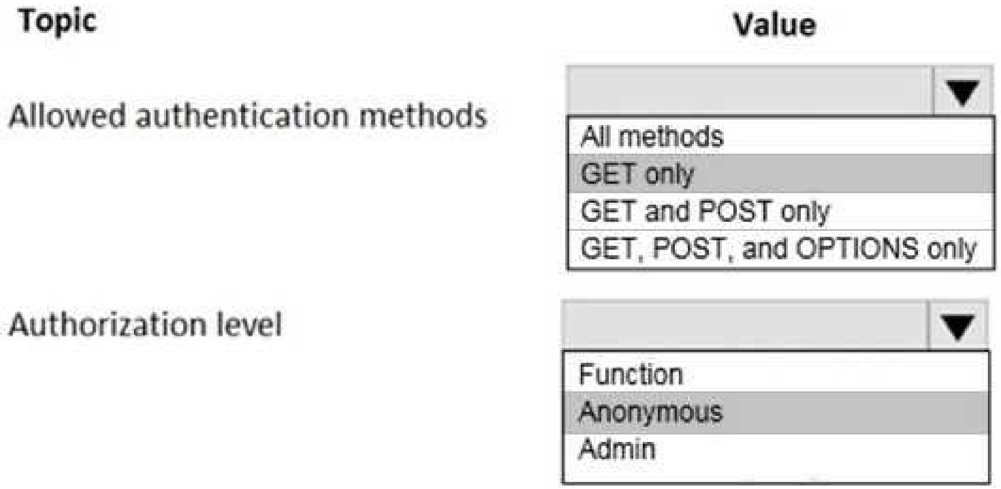


Topic | **Value**

Allowed authentication methods
- All methods
- GET only
- GET and POST only
- GET, POST, and OPTIONS only

Authorization level
- Function
- Anonymous
- Admin

Answer:



Topic | **Value**

Allowed authentication methods
- All methods
- [✓ GET only]
- GET and POST only
- GET, POST, and OPTIONS only

Authorization level
- Function
- [✓ Anonymous]
- Admin

Explanation:

Allowed authentication methods: GET only
Authorization level: Anonymous
The option is Allow Anonymous requests. This option turns on authentication and authorization in App Service, but defers authorization decisions to your application code. For authenticated requests, App Service also passes along authentication information in the HTTP headers.
This option provides more flexibility in handling anonymous requests.
Reference:
https://docs.microsoft.com/en-us/azure/app-service/overview-authentication-authorization

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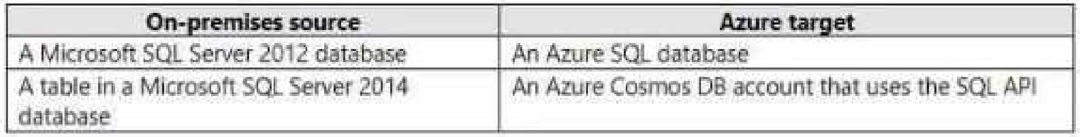
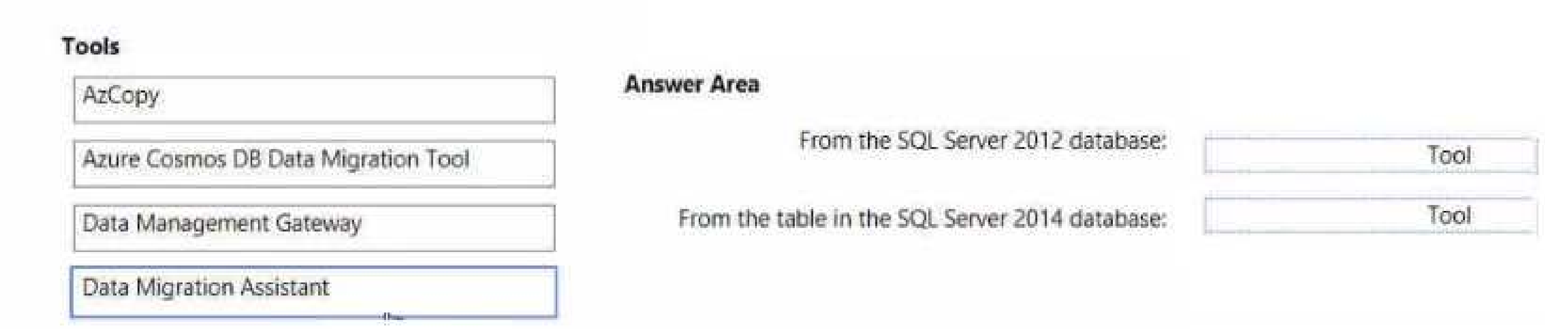
QUESTION 92
DRAG DROP
You plan to import data from your on-premises environment to Azure. The data Is shown in the following table.



On-premises source	Azure target
A Microsoft SQL Server 2012 database	An Azure SQL database
A table in a Microsoft SQL Server 2014 database	An Azure Cosmos DB account that uses the SQL API

What should you recommend using to migrate the data? To answer, drag the appropriate tools to the correct data sources-Each tool 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.



Tools

AzCopy

Azure Cosmos DB Data Migration Tool

Data Management Gateway

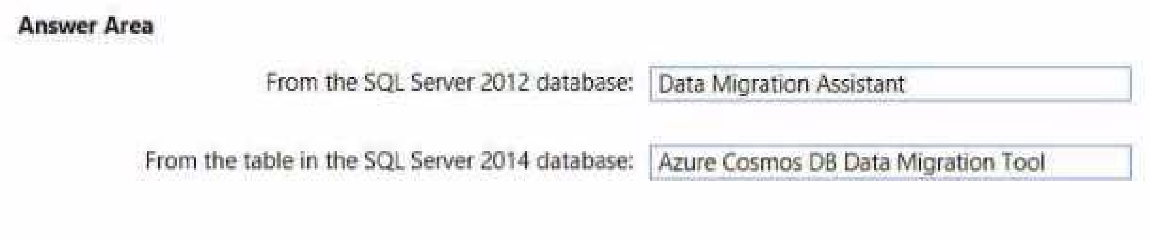
Data Migration Assistant

Answer Area

From the SQL Server 2012 database: Tool

From the table in the SQL Server 2014 database: Tool

Answer:



Answer Area

From the SQL Server 2012 database: Data Migration Assistant

From the table in the SQL Server 2014 database: Azure Cosmos DB Data Migration Tool

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/dms/tutorial-sql-server-to-azure-sql
https://docs.microsoft.com/en-us/azure/cosmos-db/import-data

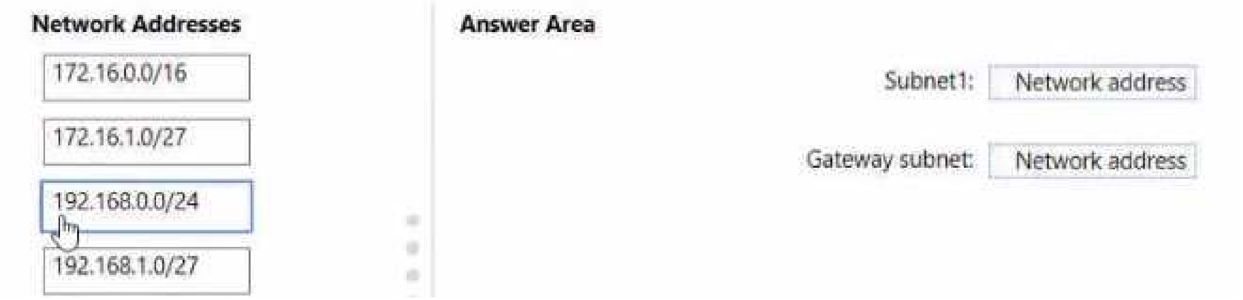
QUESTION 93
Your company, named Contoso, Ltd., implements several Azure logic apps that have HTTP triggers.
The logic apps provide access to an on-premises web service.
Contoso establishes a partnership with another company named Fabrikam. IncL
Fabrikam does not have an existing Azure Active Directory (Azure AD) tenant and uses third-party OAuth 2.0 identity management to authenticate its users.
I Developers at Fabrikam plan to use a subset of the logic apps to build applications that will integrate with the on-premises web service of Contoso.
You need to design a solution to provide the Fabrikam developers with access to the logic apps. The solution must meet the following requirements:
Requests to the logic apps from the developers must be limited to lower rates than the requests from the users at Contoso.
The developers must be able to rely on their existing OAuth 2.0 provider to gain access to the logic apps.
The solution must NOT require changes to the logic apps.
The solution must NOT use Azure AD guest accounts.
What should you include in the solution?

A. Azure AD business-to-business (B2B)
B. Azure AD Application Proxy
C. Azure Front Door
D. Azure API Management

Answer: B

Explanation:
API Management helps organizations publish APIs to external, partner, and internal developers to unlock the potential of their data and services.
You can secure API Management using the OAuth 2.0 client credentials flow.
Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-key-concepts
https://docs.microsoft.com/en-us/azure/api-management/api-management-features
https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-protectbackend-with-aad#enable-oauth-20-user-authorization-in-the-developer-console

QUESTION 94
DRAG DROP
You have an on-premises network that uses an IP address space of 172.16.0.0. You plan to deploy 25 virtual machines to a new Azure subscription. You identify the following technical requirements:
All Azure virtual machines must be placed on the same subnet named Subnet1.
All the Azure virtual machines must be able to communicate with all on-premises servers.
The servers must be able to communicate between the on-premises network and Azure by using a site-to-site VPN.
You need to recommend a subnet design that meets the technical requirements.
What should you include in the recommendation? To answer, drag the appropriate network addresses to the correct subnets. Each network address 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.



Network Addresses

172.16.0.0/16

172.16.1.0/27

192.168.0.0/24

192.168.1.0/27

Answer Area

Subnet1: Network address

Gateway subnet: Network address

Answer: