

topic 4 question 85 discussion

Actual exam question from Microsoft's AZ-305

Question #: 85

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

- A. Azure SQL Database Hyperscale
- B. Azure SQL Database Premium Most Voted
- C. Azure SQL Database Standard
- D. Azure SQL Managed Instance General Purpose

[Hide Answer](#)

Suggested Answer: B 🏆

Community vote distribution

B (100%)

by  Alessandro365 at March 7, 2023, 5:46 p.m.

topic 4 question 86 discussion

Actual exam question from Microsoft's AZ-305

Question #: 86

Topic #: 4

[\[All AZ-305 Questions\]](#)

HOTSPOT

-

You company has offices in New York City, Sydney, Paris, and Johannesburg.

The company has an Azure subscription.

You plan to deploy a new Azure networking solution that meets the following requirements:

- Connects to ExpressRoute circuits in the Azure regions of East US, Southeast Asia, North Europe, and South Africa
- Minimizes latency by supporting connection in three regions
- Supports Site-to-site VPN connections
- Minimizes costs

You need to identify the minimum number of Azure Virtual WAN hubs that you must deploy, and which virtual WAN SKU to use.

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

NOTE: Each correct selection is worth one point.

Answer Area

Number of Virtual WAN hubs:

1
2
3
4

Virtual WAN SKU:

Basic
Standard

[Hide Answer](#)

Suggested Answer:

Answer Area

Number of Virtual WAN hubs:

1
2
3
4

Virtual WAN SKU:

Basic
Standard

topic 4 question 87 discussion

Actual exam question from Microsoft's AZ-305

Question #: 87

Topic #: 4

[\[All AZ-305 Questions\]](#)

You have an Azure Functions microservice app named App1 that is hosted in the Consumption plan. App1 uses an Azure Queue Storage trigger.

You plan to migrate App1 to an Azure Kubernetes Service (AKS) cluster.

You need to prepare the AKS cluster to support App1. The solution must meet the following requirements:

- Use the same scaling mechanism as the current deployment.
- Support kubenet and Azure Container Networking Interface (CNI) networking.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct answer is worth one point.

A. Configure the horizontal pod autoscaler. Most Voted

B. Install Virtual Kubelet.

C. Configure the AKS cluster autoscaler.

D. Configure the virtual node add-on.

E. Install Kubernetes-based Event Driven Autoscaling (KEDA). Most Voted

[Hide Answer](#)

Suggested Answer: AE 🏆

Community vote distribution

AE (96%)

4%

by  infavolante at Feb. 25, 2023, 5:31 p.m.

topic 4 question 88 discussion

Actual exam question from Microsoft's AZ-305

Question #: 88

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Application Gateway

B. Azure Queue Storage Most Voted

C. Azure Data Lake

D. Azure Traffic Manager

[Hide Answer](#)

Suggested Answer: B 

Community vote distribution

B (100%)

topic 4 question 89 discussion

Actual exam question from Microsoft's AZ-305

Question #: 89

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

A. Azure SQL Managed Instance General Purpose

B. Azure SQL Database Hyperscale

C. Azure SQL Database Premium Most Voted

D. Azure SQL Managed Instance Business Critical

[Hide Answer](#)

Suggested Answer: C 🏆

Community vote distribution

C (100%)

topic 4 question 90 discussion

Actual exam question from Microsoft's AZ-305

Question #: 90

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

A. Azure SQL Database Hyperscale

B. Azure SQL Database Premium Most Voted

C. Azure SQL Database Basic

D. Azure SQL Database Serverless

[Hide Answer](#)

Suggested Answer: B 🏆

Community vote distribution

B (100%)

topic 4 question 91 discussion

Actual exam question from Microsoft's AZ-305

Question #: 91

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Notification Hubs

B. Azure Service Bus Most Voted

C. Azure Blob Storage

D. Azure Service Fabric

[Hide Answer](#)

Suggested Answer: B 🎉

Community vote distribution

B (100%)

topic 4 question 92 discussion

Actual exam question from Microsoft's AZ-305

Question #: 92

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Service Fabric
- B. Azure Traffic Manager
- C. Azure Queue Storage Most Voted
- D. Azure Notification Hubs

[Hide Answer](#)

Suggested Answer: C 

Community vote distribution

C (100%)

topic 4 question 93 discussion

Actual exam question from Microsoft's AZ-305

Question #: 93

Topic #: 4

[\[All AZ-305 Questions\]](#)

You have an on-premises Microsoft SQL Server 2008 instance that hosts a 50-GB database.

You need to migrate the database to an Azure SQL managed instance. The solution must minimize downtime.

What should you use?

- A. Azure Migrate
- B. Azure Data Studio **Most Voted**
- C. WANdisco LiveData Platform for Azure
- D. SQL Server Management Studio (SSMS)

[Hide Answer](#)

Suggested Answer: B 🎉

Community vote distribution

B (67%)

A (30%)

3%

by  Sanaie at April 19, 2023, 8:29 p.m.

topic 4 question 94 discussion

Actual exam question from Microsoft's AZ-305

Question #: 94

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

- A. Azure SQL Managed Instance Business Critical
- B. Azure SQL Managed Instance General Purpose
- C. Azure SQL Database Standard
- D. Azure SQL Database Premium Most Voted

[Hide Answer](#)

Suggested Answer: D 🎉

Community vote distribution

D (100%)

by  acepanda99 at Aug. 23, 2023, 11:48 p.m.

topic 4 question 95 discussion

Actual exam question from Microsoft's AZ-305

Question #: 95

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

A. Azure SQL Database Business Critical Most Voted

B. Azure SQL Database Basic

C. Azure SQL Managed Instance General Purpose

D. Azure SQL Database Hyperscale

[Hide Answer](#)

Suggested Answer: A 🏆

Community vote distribution

A (100%)

topic 4 question 96 discussion

Actual exam question from Microsoft's AZ-305

Question #: 96

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Service Fabric
- B. Azure Queue Storage Most Voted
- C. Azure Traffic Manager
- D. Azure Application Gateway

[Hide Answer](#)

Suggested Answer: B 🎉

Community vote distribution

B (100%)

topic 4 question 97 discussion

Actual exam question from Microsoft's AZ-305

Question #: 97

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Application Gateway

B. Azure Data Lake

C. Azure Queue Storage Most Voted

D. Azure Blob Storage

[Hide Answer](#)

Suggested Answer: C 📦

Community vote distribution

C (100%)

by  Darkeh at Aug. 23, 2023, 12:13 p.m.

topic 4 question 98 discussion

Actual exam question from Microsoft's AZ-305

Question #: 98

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Blob Storage
- B. Azure Data Lake
- C. Azure Queue Storage Most Voted
- D. Azure Service Fabric

[Hide Answer](#)

Suggested Answer: C 

Community vote distribution

C (100%)

topic 4 question 99 discussion

Actual exam question from Microsoft's AZ-305

Question #: 99

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

A. Azure SQL Database Serverless Most Voted

B. Azure SQL Managed Instance General Purpose

C. Azure SQL Database Basic

D. Azure SQL Database Business Critical

[Hide Answer](#)

Suggested Answer: A 🏆

Community vote distribution

A (61%)

D (39%)

topic 4 question 100 discussion

Actual exam question from Microsoft's AZ-305

Question #: 100

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

- A. Azure SQL Database Standard
- B. Azure SQL Managed Instance General Purpose
- C. Azure SQL Database Serverless
- D. Azure SQL Database Premium Most Voted

[Hide Answer](#)

Suggested Answer: D 🏆

Community vote distribution

D (79%)

C (21%)

topic 4 question 101 discussion

Actual exam question from Microsoft's AZ-305

Question #: 101

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Notification Hubs
- B. Azure Queue Storage Most Voted
- C. Azure Blob Storage
- D. Azure Application Gateway

[Hide Answer](#)

Suggested Answer: B 

Community vote distribution

B (100%)

by  JohnPhan at April 19, 2023, 9:10 a.m.

topic 4 question 102 discussion

Actual exam question from Microsoft's AZ-305

Question #: 102

Topic #: 4

[\[All AZ-305 Questions\]](#)

HOTSPOT

You are developing a multi-tier app named App1 that will be hosted on Azure virtual machines. The peak utilization periods for App1 will be from 8 AM to 9 AM and 4 PM to 5 PM on weekdays.

You need to deploy the infrastructure for App1. The solution must meet the following requirements:

- Support virtual machines deployed to four availability zones across two Azure regions.
- Minimize costs by accumulating CPU credits during periods of low utilization.

What is the minimum number of virtual networks you should deploy, and which virtual machine size should you use? To answer, select the appropriate options in the answer area.

Answer Area

Number of virtual networks:

1
2
3
4

Virtual machine size:

A-Series
B-Series
D-Series
M-Series

[Hide Answer](#)

Answer Area

Number of virtual networks:

1
2
3
4

Suggested Answer:

Virtual machine size:

A-Series
B-Series
D-Series
M-Series

topic 4 question 103 discussion

Actual exam question from Microsoft's AZ-305

Question #: 103

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Service Bus Most Voted

B. Azure Blob Storage

C. Azure Notification Hubs

D. Azure Application Gateway

[Hide Answer](#)

Suggested Answer: A 🎉

Community vote distribution

A (100%)

topic 4 question 104 discussion

Actual exam question from Microsoft's AZ-305

Question #: 104

Topic #: 4

[\[All AZ-305 Questions\]](#)

You have an on-premises Microsoft SQL server named SQL1 that hosts 50 databases.

You plan to migrate SQL1 to Azure SQL Managed Instance.

You need to perform an offline migration of SQL1. The solution must minimize administrative effort.

What should you include in the solution?

- A. Azure Migrate
- B. Azure Database Migration Service Most Voted
- C. SQL Server Migration Assistant (SSMA)
- D. Data Migration Assistant (DMA)

[Hide Answer](#)

Suggested Answer: B 🏆

Community vote distribution

B (97%)

3%

topic 4 question 105 discussion

Actual exam question from Microsoft's AZ-305

Question #: 105

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Service Bus **Most Voted**
- B. Azure Data Lake
- C. Azure Traffic Manager
- D. Azure Notification Hubs

[Hide Answer](#)

Suggested Answer: A 🎉

Community vote distribution

A (100%)

by  Darkeh at Aug. 23, 2023, 12:09 p.m.

topic 4 question 106 discussion

Actual exam question from Microsoft's AZ-305

Question #: 106

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Service Bus **Most Voted**
- B. Azure Data Lake
- C. Azure Application Gateway
- D. Azure Notification Hubs

[Hide Answer](#)

Suggested Answer: A 🎉

Community vote distribution

A (100%)

by  Darkeh at Aug. 23, 2023, 12:09 p.m.

topic 4 question 107 discussion

Actual exam question from Microsoft's AZ-305

Question #: 107

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

A. Azure SQL Database Business Critical Most Voted

B. Azure SQL Database Hyperscale

C. Azure SQL Managed Instance Business Critical

D. Azure SQL Database Standard

[Hide Answer](#)

Suggested Answer: A 🏆

Community vote distribution

A (100%)

by  InvalidNickname at July 31, 2023, 6:59 a.m.

topic 4 question 108 discussion

Actual exam question from Microsoft's AZ-305

Question #: 108

Topic #: 4

[\[All AZ-305 Questions\]](#)

DRAG DROP

-

You plan to deploy an infrastructure solution that will contain the following configurations:

- External users will access the infrastructure by using Azure Front Door.
- External user access to the backend APIs hosted in Azure Kubernetes Service (AKS) will be controlled by using Azure API Management.
- External users will be authenticated by an Azure AD B2C tenant that uses OpenID Connect-based federation with a third-party identity provider.

Which function does each service provide? To answer, drag the appropriate functions to the correct services. Each function 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.

Functions

- Protection against Open Web Application Security Project (OWASP) vulnerabilities
- IP filtering on a per-API level
- Validation of Azure B2C JSON Web Tokens (JWTs)

Answer Area

Front Door:

API Management:

[Hide Answer](#)

Answer Area

Suggested Answer:

Front Door:

- Validation of Azure B2C JSON Web Tokens (JWTs)

API Management:

- IP filtering on a per-API level



topic 4 question 109 discussion

Actual exam question from Microsoft's AZ-305

Question #: 109

Topic #: 4

[\[All AZ-305 Questions\]](#)

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 of resource groups.

Does this meet the goal?

A. Yes

B. No **Most Voted**

Hide Answer

Suggested Answer: B 🏆

Community vote distribution

B (98%)

2

topic 4 question 110 discussion

Actual exam question from Microsoft's AZ-305

Question #: 110

Topic #: 4

[\[All AZ-305 Questions\]](#)

Your on-premises datacenter contains a server that runs Linux and hosts a Java app named App1.

App1 has the following characteristics:

- App1 is an interactive app that users access by using HTTPS connections.
- The number of connections to App1 changes significantly throughout the day.
- App1 runs multiple concurrent instances.
- App1 requires major changes to run in a container.

You plan to migrate App1 to Azure.

You need to recommend a compute solution for App1. The solution must meet the following requirements:

- The solution must run multiple instances of App1.
- The number of instances must be managed automatically depending on the load.
- Administrative effort must be minimized.

What should you include in the recommendation?

A. Azure Batch

B. Azure App Service Most Voted

C. Azure Kubernetes Service (AKS)

D. Azure Virtual Machine Scale Sets

[Hide Answer](#)

Suggested Answer: B 🏆

Community vote distribution

B (82%)

Other

topic 4 question 111 discussion

Actual exam question from Microsoft's AZ-305

Question #: 111

Topic #: 4

[\[All AZ-305 Questions\]](#)

HOTSPOT

-

You have an Azure App Service web app named Webapp1 that connects to an Azure SQL database named DB1. Webapp1 and DB1 are deployed to the East US Azure region.

You need to ensure that all the traffic between Webapp1 and DB1 is sent via a private connection.

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

NOTE: Each correct selection is worth one point.

Answer Area

Create a virtual network that contains at least:

1 subnet
2 subnets
3 subnets

From the virtual network, configure name resolution to use:

A private DNS zone
A public DNS zone
The Azure DNS Private Resolver

[Hide Answer](#)

Suggested Answer:

Answer Area

Create a virtual network that contains at least:

1 subnet
2 subnets
3 subnets

From the virtual network, configure name resolution to use:

A private DNS zone
A public DNS zone
The Azure DNS Private Resolver

topic 4 question 112 discussion

Actual exam question from Microsoft's AZ-305

Question #: 112

Topic #: 4

[\[All AZ-305 Questions\]](#)

HOTSPOT

Your on-premises network contains an Active Directory Domain Services (AD DS) domain. The domain contains a server named Server1. Server1 contains an app named App1 that uses AD DS authentication. Remote users access App1 by using a VPN connection to the on-premises network.

You have an Azure AD tenant that syncs with the AD DS domain by using Azure AD Connect.

You need to ensure that the remote users can access App1 without using a VPN. The solution must meet the following requirements:

- Ensure that the users authenticate by using Azure Multi-Factor Authentication (MFA).
- Minimize administrative effort.

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

In Azure AD:

- A managed identity
- An access package
- An app registration
- An enterprise application

On-premises:

- A server that runs Windows Server and has the Azure AD Application Proxy connector installed
- A server that runs Windows Server and has the on-premises data gateway (standard mode) installed
- A server that runs Windows Server and has the Web Application Proxy role service installed

[Hide Answer](#)

Suggested Answer:

Answer Area

In Azure AD:

- A managed identity
- An access package
- An app registration
- An enterprise application

On-premises:

- A server that runs Windows Server and has the Azure AD Application Proxy connector installed
- A server that runs Windows Server and has the on-premises data gateway (standard mode) installed
- A server that runs Windows Server and has the Web Application Proxy role service installed

topic 4 question 113 discussion

Actual exam question from Microsoft's AZ-305

Question #: 113

Topic #: 4

[\[All AZ-305 Questions\]](#)

You have an Azure subscription that contains an Azure Kubernetes Service (AKS) instance named AKS1. AKS1 hosts microservice-based APIs that are configured to listen on non-default HTTP ports.

You plan to deploy a Standard tier Azure API Management instance named APIM1 that will make the APIs available to external users.

You need to ensure that the AKS1 APIs are accessible to APIM1. The solution must meet the following requirements:

- Implement MTLS authentication between APIM1 and AKS1.
- Minimize development effort.
- Minimize costs.

What should you do?

- A. Implement an external load balancer on AKS1.
- B. Redeploy APIM1 to the virtual network that contains AKS1.
- C. Implement an ExternalName service on AKS1.
- D. Deploy an ingress controller to AKS1. **Most Voted**

[Hide Answer](#)

Suggested Answer: D 🏆

Community vote distribution

D (100%)

topic 4 question 114 discussion

Actual exam question from Microsoft's AZ-305

Question #: 114

Topic #: 4

[[All AZ-305 Questions](#)]

HOTSPOT

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.
Disable public network access to the workspace endpoints.
Enable the use of the Azure AD authentication.

When configuring the Azure Cosmos DB account, enable:

Managed private endpoints
Server-level firewall rules
Service endpoint policies

[Hide Answer](#)

Suggested Answer:

Answer Area

When provisioning the Azure Synapse workspace:

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

When configuring the Azure Cosmos DB account, enable:

Managed private endpoints
Server-level firewall rules
Service endpoint policies

topic 4 question 115 discussion

Actual exam question from Microsoft's AZ-305

Question #: 115

Topic #: 4

[\[All AZ-305 Questions\]](#)

You have an Azure subscription that contains an Azure Cosmos DB for NoSQL account named account1 and an Azure Synapse Analytics workspace named Workspace1. The account1 account contains a container named Contained that has the analytical store enabled.

You need to recommend a solution that will process the data stored in Contained in near-real-time (NRT) and output the results to a data warehouse in Workspace1 by using a runtime engine in the workspace. The solution must minimize data movement.

Which pool in Workspace1 should you use?

- A. Apache Spark Most Voted
- B. serverless SQL
- C. dedicated SQL
- D. Data Explorer

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (82%)

Other

topic 4 question 116 discussion

Actual exam question from Microsoft's AZ-305

Question #: 116

Topic #: 4

[\[All AZ-305 Questions\]](#)

DRAG DROP

You have an on-premises datacenter named Site1. Site1 contains a VMware vSphere cluster named Cluster1 that hosts 100 virtual machines. Cluster1 is managed by using VMware vCenter.

You have an Azure subscription named Sub1.

You plan to migrate the virtual machines from Cluster1 to Sub1.

You need to identify which resources are required to run the virtual machines in Azure. The solution must minimize administrative effort.

What should you configure? To answer, drag the appropriate resources to the correct targets. Each resource 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.

Resources

- An Azure Migrate appliance
- An Azure Migrate project
- ...
- An Azure VMware Solution private cloud
- ...
- An Azure VMware Solution host

Answer Area

Sub1:

Cluster1:

[Hide Answer](#)

Answer Area

Suggested Answer:

Sub1: An Azure VMware Solution private cloud

Cluster1: An Azure Migrate project

topic 4 question 117 discussion

Actual exam question from Microsoft's AZ-305

Question #: 117

Topic #: 4

[\[All AZ-305 Questions\]](#)

HOTSPOT

Your on-premises datacenter contains a server named Server1 that runs Microsoft SQL Server 2022. Server1 contains a 30-TB database named DB1 that stores customer data. Server1 runs a custom application named App1 that verifies the compliance of records in DB1. App1 must run on the same server as DB1.

You have an Azure subscription.

You need to migrate DB1 to Azure. The solution must minimize administrative effort.

To which service should you migrate DB1, and what should you use to perform the migration? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Migrate to:

- Azure SQL Database
- Azure SQL Managed Instance
- SQL Server on Azure Virtual Machines

By using:

- Azure Database Migration Service
- Azure Migrate
- The Azure SQL Migration extension for Azure Data Studio

[Hide Answer](#)

Suggested Answer:

Migrate to:

- Azure SQL Database
- Azure SQL Managed Instance
- SQL Server on Azure Virtual Machines**

By using:

- Azure Database Migration Service**
- Azure Migrate
- The Azure SQL Migration extension for Azure Data Studio

topic 4 question 118 discussion

Actual exam question from Microsoft's AZ-305

Question #: 118

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

A. Azure SQL Managed Instance Business Critical

B. Azure SQL Database Business Critical Most Voted

C. Azure SQL Database Basic

D. Azure SQL Database Standard

[Hide Answer](#)

Suggested Answer: B 🏆

Community vote distribution

B (100%)

topic 4 question 119 discussion

Actual exam question from Microsoft's AZ-305

Question #: 119

Topic #: 4

[\[All AZ-305 Questions\]](#)

You need to recommend a solution to generate a monthly report of all the new Azure Resource Manager (ARM) resource deployments in your Azure subscription.

What should you include in the recommendation?

A. Azure Log Analytics Most Voted

B. Azure Arc

C. Azure Monitor metrics

D. Azure Monitor action groups

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (100%)

by  rumino at March 10, 2024, 7:20 p.m.

topic 4 question 120 discussion

Actual exam question from Microsoft's AZ-305

Question #: 120

Topic #: 4

[\[All AZ-305 Questions\]](#)

You need to recommend a solution to generate a monthly report of all the new Azure Resource Manager (ARM) resource deployments in your Azure subscription.

What should you include in the recommendation?

A. Azure Log Analytics Most Voted

B. Azure Arc

C. Azure Analysis Services

D. Azure Monitor action groups

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (100%)

by  mohammad1208 at June 26, 2024, 7:13 p.m.

topic 4 question 121 discussion

Actual exam question from Microsoft's AZ-305

Question #: 121

Topic #: 4

[\[All AZ-305 Questions\]](#)

You need to recommend a solution to generate a monthly report of all the new Azure Resource Manager (ARM) resource deployments in your Azure subscription.

What should you include in the recommendation?

- A. Azure Log Analytics
- B. Azure Analysis Services
- C. Azure Monitor metrics
- D. Azure Monitor action groups

[Hide Answer](#)

Suggested Answer: A 

by  PTark at March 27, 2024, 7:31 a.m.

topic 4 question 122 discussion

Actual exam question from Microsoft's AZ-305

Question #: 122

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

A. Azure SQL Database Business Critical

B. Azure SQL Database Premium Most Voted

C. Azure SQL Database Basic

D. Azure SQL Database Hyperscale

[Hide Answer](#)

Suggested Answer: B 🏆

Community vote distribution

B (94%)

6%

topic 4 question 123 discussion

Actual exam question from Microsoft's AZ-305

Question #: 123

Topic #: 4

[\[All AZ-305 Questions\]](#)

You need to recommend a solution to generate a monthly report of all the new Azure Resource Manager (ARM) resource deployments in your Azure subscription.

What should you include in the recommendation?

- A. Application Insights
- B. Azure Analysis Services
- C. Azure Advisor
- D. Azure Log Analytics Most Voted

[Hide Answer](#)

Suggested Answer: D 

Community vote distribution

D (100%)

by  [Lazylinux](#) at April 24, 2024, 10 a.m.

topic 4 question 124 discussion

Actual exam question from Microsoft's AZ-305

Question #: 124

Topic #: 4

[\[All AZ-305 Questions\]](#)

HOTSPOT

-

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Description
contoso.com	Azure Private DNS zone	None
VNet1	Virtual network	Linked to contoso.com Peered with VNet2
VNet2	Virtual network	Linked to contoso.com Peered with VNet1
VNet3	Virtual network	Linked to contoso.com Isolated from VNet1 and VNet2
Workspace1	Log Analytics workspace	Stores logs collected from the virtual machines on all the virtual networks

VNet1, VNet2, and VNet3 each has multiple virtual machines connected. The virtual machines use the Azure DNS service for name resolution.

You need to recommend an Azure Monitor log routing solution that meets the following requirements:

- Ensures that the logs collected from the virtual machines and sent to Workspace1 are routed over the Microsoft backbone network
- Minimizes administrative effort

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

Answer Area

Minimum number of Azure Monitor Private Link Scope (AMPLS) objects:

123

Minimum number of private endpoints:

123

[Hide Answer](#)

Suggested Answer:

Answer Area

Minimum number of Azure Monitor Private Link Scope (AMPLS) objects:

123

Minimum number of private endpoints:

123

topic 4 question 125 discussion

Actual exam question from Microsoft's AZ-305

Question #: 125

Topic #: 4

[\[All AZ-305 Questions\]](#)

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?

- A. Azure SQL Database Standard
- B. Azure SQL Managed Instance Business Critical
- C. Azure SQL Database Serverless
- D. Azure SQL Database Premium Most Voted

[Hide Answer](#)

Suggested Answer: D 

Community vote distribution

D (100%)

by  Frank_2022 at March 8, 2024, 7 p.m.

topic 4 question 126 discussion

Actual exam question from Microsoft's AZ-305

Question #: 126

Topic #: 4

[\[All AZ-305 Questions\]](#)

HOTSPOT

You have 100 Azure Storage accounts.

Access to the accounts is restricted by using Azure role-based access control (Azure RBAC) assignments.

You need to recommend a solution that uses role assignment conditions based on the tags assigned to individual resources within the storage accounts.

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

Answer Area

Implement role assignment conditions by using:

Access control lists (ACLs)
Attribute-based access control (ABAC)
Shared access signatures (SAS)

Assign permissions to:

Blobs
Files
Tables

[Hide Answer](#)

Suggested Answer:

Implement role assignment conditions by using:

Access control lists (ACLs)
Attribute-based access control (ABAC)
Shared access signatures (SAS)

Assign permissions to:

Blobs
Files
Tables

topic 4 question 127 discussion

Actual exam question from Microsoft's AZ-305

Question #: 127

Topic #: 4

[\[All AZ-305 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Service Fabric
- B. Azure Notification Hubs
- C. Azure Service Bus Most Voted
- D. Azure Traffic Manager

[Hide Answer](#)

Suggested Answer: C 🎉

Community vote distribution

C (100%)

by  [mohammad1208](#) at June 26, 2024, 5:47 a.m.

topic 5 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 5

[\[All AZ-305 Questions\]](#)

HOTSPOT -

You need to ensure that users managing the production environment are registered for Azure MFA and must authenticate by using Azure MFA when they sign in to the Azure portal. The solution must meet the authentication and authorization requirements.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

To register the users for Azure MFA, use:

Azure AD Identity Protection
Security defaults in Azure AD
Azure AD authentication methods policy

To enforce Azure MFA authentication, configure:

Grant control in capolicy1
Session control in capolicy1
Sign-in risk policy in Azure AD Identity Protection for the Litware.com.tenant

[Hide Answer](#)

Suggested Answer:

Answer Area

To register the users for Azure MFA, use:

Azure AD Identity Protection
Security defaults in Azure AD
Azure AD authentication methods policy

To enforce Azure MFA authentication, configure:

Grant control in capolicy1
Session control in capolicy1
Sign-in risk policy in Azure AD Identity Protection for the Litware.com.tenant

Box 1: Azure AD Identity Protection

Only users that manage the production environment by using the Azure portal must connect from a hybrid Azure AD-joined device and authenticate by using Azure Multi-Factor Authentication (MFA).

Note: Policy configuration -

1. Navigate to the Azure portal.
2. Browse to Azure Active Directory > Security > Identity Protection > MFA registration policy.
3. Under Assignments
4. Users - Choose All users or Select individuals and groups if limiting your rollout.
5. Optionally you can choose to exclude users from the policy.
6. Enforce Policy - On
7. Save

Box 2: Grant control in capolicy1

The litware.com tenant has a Conditional Access policy named Capolicy1. Capolicy1 requires that when users manage the Azure subscription for a production environment by using the Azure portal, they must connect from a hybrid Azure AD-joined device.

Note: We need to configure the policy conditions for capolicy1 that prompt for MFA.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-identity-protection-configure-mfa-policy> <https://docs.microsoft.com/en-us/azure/active-directory/authentication/tutorial-enable-azure-mfa>

topic 5 question 2 discussion

Actual exam question from Microsoft's AZ-305

Question #: 2

Topic #: 5

[\[All AZ-305 Questions\]](#)

After you migrate App1 to Azure, you need to enforce the data modification requirements to meet the security and compliance requirements.

What should you do?

- A. Create an access policy for the blob service. **Most Voted**
- B. Implement Azure resource locks.
- C. Create Azure RBAC assignments.
- D. Modify the access level of the blob service.

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (94%)

6%

by  kay000001 at Sept. 13, 2022, 2:48 a.m.

topic 6 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 6

[\[All AZ-305 Questions\]](#)

You need to recommend a solution for the App1 maintenance task. The solution must minimize costs.
What should you include in the recommendation?

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

[Hide Answer](#)

Suggested Answer: B 

Community vote distribution

B (70%)

A (30%)

by  ROLLINGROCKS at Sept. 11, 2022, 1:57 p.m.

topic 6 question 2 discussion

Actual exam question from Microsoft's AZ-305

Question #: 2

Topic #: 6

[\[All AZ-305 Questions\]](#)

You need to recommend a solution that meets the application development requirements.

What should you include in the recommendation?

- A. the Azure App Configuration service
- B. an Azure Container Registry instance
- C. deployment slots Most Voted
- D. Continuous Integration/Continuous Deployment (CI/CD) sources

[Hide Answer](#)

Suggested Answer: C 🎉

Community vote distribution

C (100%)

by  [kay000001](#) at Sept. 13, 2022, 3:05 a.m.

topic 6 question 3 discussion

Actual exam question from Microsoft's AZ-305

Question #: 3

Topic #: 6

[\[All AZ-305 Questions\]](#)

You need to recommend an App Service architecture that meets the requirements for App1. The solution must minimize costs.

What should you recommend?

- A. one App Service Environment (ASE) per availability zone
- B. one App Service Environment (ASE) per region
- C. one App Service plan per region **Most Voted**
- D. one App Service plan per availability zone

[Hide Answer](#)

Suggested Answer: C 🏆

Community vote distribution

C (87%)

13%

by  [kay000001](#) at Sept. 13, 2022, 3:28 a.m.

topic 6 question 4 discussion

Actual exam question from Microsoft's AZ-305

Question #: 4

Topic #: 6

[All AZ-305 Questions]

HOTSPOT -

You need to recommend a solution to ensure that App1 can access the third-party credentials and access strings. The solution must meet the security requirements.

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.

Hot Area:

Answer Area

Authenticate App1 by using:

A certificate
A system-assigned managed identity
A user-assigned managed identity

Authorize App1 to retrieve Key Vault secrets by using:

An access policy
A connected service
A private link
A role assignment

[Hide Answer](#)

Suggested Answer:

Answer Area

Authenticate App1 by using:

A certificate
A system-assigned managed identity
A user-assigned managed identity

Authorize App1 to retrieve Key Vault secrets by using:

An access policy
A connected service
A private link
A role assignment

Scenario: Security Requirement -

All secrets used by Azure services must be stored in Azure Key Vault.

Services that require credentials must have the credentials tied to the service instance. The credentials must NOT be shared between services.

Box 1: A system-assigned managed identity

No one knows the credentials of managed identities.

Managed Identities exist in two formats:

* System assigned: in this scenario, the identity is linked to a single Azure Resource, eg a Virtual Machine, a Logic App, a Storage Account, Web App, Function, so almost anything. Next, they also live with the Azure Resource, which means they get deleted when the Azure Resource gets deleted.

* User Assigned Managed Identity (incorrect for this question), which means that you first have to create it as a stand-alone Azure resource by itself, after which it can be linked to multiple Azure Resources.

Box 2: An access policy -

Set up an access policy for the system-assigned managed identity.

Note: Grant access -

The managed identity needs to be granted access to read the secret that we'll store in the Key Vault.

1. Navigate to your newly created Key Vault

2. Select Access Policy from the menu on the left side.

3. Select Add Access Policy

4. Etc.

Reference:

<https://devblogs.microsoft.com/devops/demystifying-service-principals-managed-identities/>

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/tutorial-windows-vm-access-nonaad>

topic 7 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 7

[\[All AZ-305 Questions\]](#)

HOTSPOT -

You are evaluating the components of the migration to Azure that require you to provision an Azure Storage account. For each of the following statements, select

Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
You must provision an Azure Storage account for the SQL Server database migration.	<input type="radio"/>	<input type="radio"/>
You must provision an Azure Storage account for the Web site content storage.	<input type="radio"/>	<input type="radio"/>
You must provision an Azure Storage account for the Database metric monitoring.	<input type="radio"/>	<input type="radio"/>

[Hide Answer](#)

Suggested Answer:

Answer Area

Statements	Yes	No
You must provision an Azure Storage account for the SQL Server database migration.	<input type="radio"/>	<input checked="" type="radio"/>
You must provision an Azure Storage account for the Web site content storage.	<input type="radio"/>	<input checked="" type="radio"/>
You must provision an Azure Storage account for the Database metric monitoring.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No -

Online migration will work fine. It does not require an Azure Storage account.

Box 2: No -

Data for the web site can migrated to Azure app service.

Box 3: Yes -

Scenario: Database metrics for the production instance of WebApp1 must be available for analysis so that database administrators can optimize the performance settings.

Reference:

<https://azure.microsoft.com/en-au/services/sql-server-stretch-database/>

topic 7 question 2 discussion

Actual exam question from Microsoft's AZ-305

Question #: 2

Topic #: 7

[\[All AZ-305 Questions\]](#)

What should you include in the identity management strategy to support the planned changes?

- A. Deploy domain controllers for corp.fabrikam.com to virtual networks in Azure. **Most Voted**
- B. Move all the domain controllers from corp.fabrikam.com to virtual networks in Azure.
- C. Deploy a new Azure AD tenant for the authentication of new R&D projects.
- D. Deploy domain controllers for the rd.fabrikam.com forest to virtual networks in Azure.

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (100%)

by  andas2008 at Dec. 29, 2021, 3:08 p.m.



topic 8 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 8

[\[All AZ-305 Questions\]](#)

HOTSPOT -

You plan to migrate App1 to Azure.

You need to recommend a high-availability solution for App1. The solution must meet the resiliency requirements.

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.

Hot Area:

Answer Area

Number of host groups:

1
2
3
6

Number of virtual machine scale sets:

0
1
3

[Hide Answer](#)

Suggested Answer:

Answer Area

Number of host groups:

1
2
3
6

Number of virtual machine scale sets:

0
1
3

Box 1: 3 -

Need three host groups to meet the third scenario requirement below.

Scenario: App1 must meet the following requirements:

Be hosted in an Azure region that supports availability zones.

Be hosted on Azure virtual machines that support automatic scaling.

Maintain availability if two availability zones in the local Azure region fail.

Box 2: 3 -

The availability setting of your host group should match your scale set.

* The host group and the scale set must be using the same availability zone.

* The fault domain count for the host group level should match the fault domain count for your scale set.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/dedicated-hosts>

topic 8 question 2 discussion

Actual exam question from Microsoft's AZ-305

Question #: 2

Topic #: 8

[\[All AZ-305 Questions\]](#)

HOTSPOT -

You plan to migrate App1 to Azure.

You need to recommend a storage solution for App1 that meets the security and compliance requirements.

Which type of storage should you recommend, and how should you recommend configuring the storage? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Storage account type:

Premium page blobs
Premium file shares
Standard general-purpose v2

Configuration:

NFSv3
Large file shares
Hierarchical namespace

[Hide Answer](#)

Suggested Answer:

Answer Area

Storage account type:

Premium page blobs
Premium file shares
Standard general-purpose v2

Configuration:

NFSv3
Large file shares
Hierarchical namespace

Box 1: Standard general-purpose v2

Standard general-purpose v2 supports Blob Storage.

Azure Storage provides data protection for Blob Storage and Azure Data Lake Storage Gen2.

Scenario:

Litware identifies the following security and compliance requirements:

- ☞ Once App1 is migrated to Azure, you must ensure that new data can be written to the app, and the modification of new and existing data is prevented for a period of three years.
 - ☞ On-premises users and services must be able to access the Azure Storage account that will host the data in App1.
 - ☞ Access to the public endpoint of the Azure Storage account that will host the App1 data must be prevented.
- All Azure SQL databases in the production environment must have Transparent Data Encryption (TDE) enabled.
-
- ☞ App1 must NOT share physical hardware with other workloads.

Box 2: Hierarchical namespace -

Scenario: Plan: Migrate App1 to Azure virtual machines.

Azure Data Lake Storage Gen2 implements an access control model that supports both Azure role-based access control (Azure RBAC) and POSIX-like access control lists (ACLs).

Data Lake Storage Gen2 and the Network File System (NFS) 3.0 protocol both require a storage account with a hierarchical namespace enabled.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/data-protection-overview>

<https://docs.microsoft.com/en-us/azure/storage/blobs/immutable-storage-overview>

topic 8 question 3 discussion

Actual exam question from Microsoft's AZ-305

Question #: 3

Topic #: 8

[\[All AZ-305 Questions\]](#)

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

[Hide Answer](#)

Suggested Answer: D 

Community vote distribution

D (100%)

by  WickedMJ at Oct. 10, 2022, 7:02 a.m.

topic 8 question 4 discussion

Actual exam question from Microsoft's AZ-305

Question #: 4

Topic #: 8

[\[All AZ-305 Questions\]](#)

You need to implement the Azure RBAC role assignments for the Network Contributor role. The solution must meet the authentication and authorization requirements.

What is the minimum number of assignments that you must use?

A. 1

B. 2 **Most Voted**

C. 5

D. 10

E. 15

[Hide Answer](#)

Suggested Answer: B 🎉

Community vote distribution

B (87%)

13%

by  [KarVaid](#) at Sept. 19, 2022, 11:11 a.m.

topic 8 question 5 discussion

Actual exam question from Microsoft's AZ-305

Question #: 5

Topic #: 8

[All AZ-305 Questions]

DRAG DROP -

You need to configure an Azure policy to ensure that the Azure SQL databases have Transparent Data Encryption (TDE) enabled. The solution must meet the security and compliance requirements.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions
Create an Azure policy definition that uses the deployIfNotExists effect.
Invoke a remediation task.
Create an Azure policy definition that uses the Modify effect
Create an Azure policy assignment.
Create a user-assigned managed identity.

Answer Area



[Hide Answer](#)

Suggested Answer:

Actions
Create an Azure policy definition that uses the Modify effect
Create a user-assigned managed identity.

Answer Area

Create an Azure policy definition that uses the deployIfNotExists effect.
Create an Azure policy assignment.
Invoke a remediation task.

Step 1: Create an Azure policy definition that uses the deployIfNotExists

The first step is to define the roles that deployIfNotExists and modify needs in the policy definition to successfully deploy the content of your included template.

Step 2: Create an Azure policy assignment

When creating an assignment using the portal, Azure Policy both generates the managed identity and grants it the roles defined in roleDefinitionIds.

Step 3: Invoke a remediation task.

Resources that are non-compliant to a deployIfNotExists or modify policy can be put into a compliant state through Remediation. Remediation is accomplished by instructing Azure Policy to run the deployIfNotExists effect or the modify operations of the assigned policy on your existing resources and subscriptions, whether that assignment is to a management group, a subscription, a resource group, or an individual resource.

During evaluation, the policy assignment with deployIfNotExists or modify effects determines if there are non-compliant resources or subscriptions. When non-compliant resources or subscriptions are found, the details are provided on the Remediation page.

Reference:

<https://docs.microsoft.com/en-us/azure/governance/policy/how-to/remediate-resources>

topic 9 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 9

[All AZ-305 Questions]

HOTSPOT -

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.

Hot Area:

Answer Area

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

[Hide Answer](#)

Suggested Answer:

Answer Area

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

Box 1: 1 -

One single Azure AD tenant is needed as only the Corp tenant is migrated.

Box 2: 1 -

Box 3: 2 -

One conditional access policy for Multi-Factor Authentication (MFA) will be used for administrative access, and a second conditional access policy in order to prevent external access.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/howto-conditional-access-policy-location> <https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/howto-conditional-access-policy-admin-mfa>

topic 9 question 2 discussion

Actual exam question from Microsoft's AZ-305

Question #: 2

Topic #: 9

[\[All AZ-305 Questions\]](#)

You need to recommend a notification solution for the IT Support distribution group.
What should you include in the recommendation?

- A. a SendGrid account with advanced reporting
- B. an action group
- C. Azure Network Watcher
- D. Azure AD Connect Health Most Voted

[Hide Answer](#)

Suggested Answer: D 🎉

Community vote distribution

D (88%) 12%

by  [WickedMJ](#) at Oct. 10, 2022, 7:24 a.m.

topic 9 question 3 discussion

Actual exam question from Microsoft's AZ-305

Question #: 3

Topic #: 9

[\[All AZ-305 Questions\]](#)

You need to recommend a solution to meet the database retention requirements.

What should you recommend?

- A. Configure a long-term retention policy for the database. **Most Voted**
- B. Configure Azure Site Recovery.
- C. Use automatic Azure SQL Database backups.
- D. Configure geo-replication of the database.

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (100%)

by  Eltooth at Dec. 12, 2021, 4 p.m.

topic 10 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 10

[All AZ-305 Questions]

HOTSPOT -

What should you implement to meet the identity requirements? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Service:

Azure AD Identity Governance
Azure AD Identity Protection
Azure AD Privilege Access Management (PIM)
Azure Automation

Feature:

Access packages
Access reviews
Approvals
Runbooks

[Hide Answer](#)

Suggested Answer:

Answer Area

Service:

Azure AD Identity Governance
Azure AD Identity Protection
Azure AD Privilege Access Management (PIM)
Azure Automation

Feature:

Access packages
Access reviews
Approvals
Runbooks

Requirements: Identity Requirements

Contoso identifies the following requirements for managing Fabrikam access to resources:

- * Every month, an account manager at Fabrikam must review which Fabrikam users have access permissions to App1. Accounts that no longer need permissions must be removed as guests.
- * The solution must minimize development effort.

Box 1: Azure AD Identity Governance

Incorrect:

Not PIM: Life Cycle Requirements must be met.

Box 2: Access reviews -

Azure Active Directory (Azure AD) access reviews enable organizations to efficiently manage group memberships, access to enterprise applications, and role assignments. User's access can be reviewed on a regular basis to make sure only the right people have continued access.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview>

topic 10 question 2 discussion

Actual exam question from Microsoft's AZ-305

Question #: 2

Topic #: 10

[\[All AZ-305 Questions\]](#)

What should you recommend to meet the monitoring requirements for App2?

- A. VM insights
- B. Azure Application Insights Most Voted
- C. Microsoft Sentinel
- D. Container insights

[Hide Answer](#)

Suggested Answer: B 

Community vote distribution

B (100%)

by  [kay000001](#) at Sept. 13, 2022, 10:21 a.m.

topic 11 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 11

[\[All AZ-305 Questions\]](#)

You need to recommend a data storage strategy for WebApp1.

What should you include in the recommendation?

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

[Hide Answer](#)

Suggested Answer: D 

Community vote distribution

D (82%)

Other

by  [kay000001](#) at Sept. 13, 2022, 10:19 a.m.

topic 12 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 12

[\[All AZ-305 Questions\]](#)

HOTSPOT -

You plan to migrate DB1 and DB2 to Azure.

You need to ensure that the Azure database and the service tier meet the resiliency and business requirements.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Database:

- A single Azure SQL database
- Azure SQL Managed Instance
- An Azure SQL Database elastic pool

Service tier:

- Hyperscale
- Business Critical
- General Purpose

[Hide Answer](#)

Suggested Answer:

Answer Area

Database:

- A single Azure SQL database
- Azure SQL Managed Instance
- An Azure SQL Database elastic pool

Service tier:

- Hyperscale
- Business Critical
- General Purpose

Box 1: An Azure SQL Database elastic pool

Scenario:

* Resiliency Requirements. Once migrated to Azure, DB1 and DB2 must meet the following requirements:

Maintain availability if two availability zones in the local Azure region fail.

Fail over automatically.

Minimize I/O latency.

* Litware identifies the following business requirements:

Minimize administrative effort.

Minimize costs.

Box 2: Business Critical

topic 13 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 13

[\[All AZ-305 Questions\]](#)

DRAG DROP -

You need to recommend a solution that meets the file storage requirements for App2.

What should you deploy to the Azure subscription and the on-premises network? To answer, drag the appropriate services to the correct locations. Each service 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.

Select and Place:

Services	Answer Area
Azure Blob Storage	Azure subscription: <input type="text"/>
Azure Data Box	On-premises network: <input type="text"/>
Azure Data Box Gateway	
Azure Data Lake Storage	
Azure File Sync	
Azure Files	

[Hide Answer](#)

Suggested Answer:

Services	Answer Area
Azure Blob Storage	Azure subscription: <input type="text"/>
Azure Data Box	On-premises network: <input type="text"/>
Azure Data Box Gateway	
Azure Data Lake Storage	

Box 1: Azure Files -

Scenario: App2 has the following file storage requirements:

- ☞ Save files to an Azure Storage account.
- ☞ Replicate files to an on-premises location.
- ☞ Ensure that on-premises clients can read the files over the LAN by using the SMB protocol.

Box 2: Azure File Sync -

Use Azure File Sync to centralize your organization's file shares in Azure Files, while keeping the flexibility, performance, and compatibility of an on-premises file server. Azure File Sync transforms Windows Server into a quick cache of your Azure file share. You can use any protocol that's available on Windows Server to access your data locally, including SMB, NFS, and FTPS. You can have as many caches as you need across the world.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/file-sync/file-sync-deployment-guide>

topic 13 question 2 discussion

Actual exam question from Microsoft's AZ-305

Question #: 2

Topic #: 13

[\[All AZ-305 Questions\]](#)

You need to recommend a solution that meets the data requirements for App1.

What should you recommend deploying to each availability zone that contains an instance of App1?

- A. an Azure Cosmos DB that uses multi-region writes Most Voted
- B. an Azure Data Lake store that uses geo-zone-redundant storage (GZRS)
- C. an Azure Storage account that uses geo-zone-redundant storage (GZRS)

[Hide Answer](#)

Suggested Answer: A 🎉

Community vote distribution

A (100%)

by  [WickedMJ](#) at Oct. 10, 2022, 7:58 a.m.



topic 14 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 14

[\[All AZ-305 Questions\]](#)

HOTSPOT -

You are evaluating whether to use Azure Traffic Manager and Azure Application Gateway to meet the connection requirements for App1.

What is the minimum numbers of instances required for each service? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Azure Traffic Manager:

1
2
3
6

Azure Application Gateway:

1
2
3
6

[Hide Answer](#)

Suggested Answer:

Answer Area

Azure Traffic Manager:

1
2
3
6

Azure Application Gateway:

1
2
3
6

Box 1: 1 -

App1 will only be accessible from the Internet. App1 has the following connection requirements:

Connections to App1 must be active-active load balanced between instances.

All connections to App1 from North America must be directed to the East US region. All other connections must be directed to the West Europe region.

App1 will have six instances: three in the East US Azure region and three in the West Europe Azure region.

Note: Azure Traffic Manager is a DNS-based traffic load balancer. This service allows you to distribute traffic to your public facing applications across the global Azure regions.

Box 2: 2 -

For production workloads, run at least two gateway instances.

A single Application Gateway deployment can run multiple instances of the gateway.

Use one Application Gateway in East US Region, and one in the West Europe region.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/high-availability/reference-architecture-traffic-manager-application-gateway>

topic 15 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 15

[\[All AZ-305 Questions\]](#)

HOTSPOT -

How should the migrated databases DB1 and DB2 be implemented in Azure?

Hot Area:

Answer Area

Database:

A single Azure SQL database
Azure SQL Managed Instance
An Azure SOL Database elastic pool

Service tier:

Hyperscale
Business Critical
General Purpose

[Hide Answer](#)

Suggested Answer:

Answer Area

Database:

A single Azure SQL database
Azure SQL Managed Instance
An Azure SOL Database elastic pool

Service tier:

Hyperscale
Business Critical
General Purpose

Box 1: SQL Managed Instance -

Scenario: Once migrated to Azure, DB1 and DB2 must meet the following requirements:

- ⇒ Maintain availability if two availability zones in the local Azure region fail.
- ⇒ Fail over automatically.
- ⇒ Minimize I/O latency.

The auto-failover groups feature allows you to manage the replication and failover of a group of databases on a server or all databases in a managed instance to another region. It is a declarative abstraction on top of the existing active geo-replication feature, designed to simplify deployment and management of geo-replicated databases at scale. You can initiate a geo-failover manually or you can delegate it to the Azure service based on a user-defined policy. The latter option allows you to automatically recover multiple related databases in a secondary region after a catastrophic failure or other unplanned event that results in full or partial loss of the SQL Database or SQL Managed Instance availability in the primary region.

Box 2: Business critical -

SQL Managed Instance is available in two service tiers:

General purpose: Designed for applications with typical performance and I/O latency requirements.

Business critical: Designed for applications with low I/O latency requirements and minimal impact of underlying maintenance operations on the workload.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/auto-failover-group-overview>

<https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/sql-managed-instance-paas-overview>

topic 16 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 16

[All AZ-305 Questions]

HOTSPOT -

You design a solution for the web tier of WebApp1 as shown in the exhibit.



For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
The design supports the technical requirements for redundancy.	<input type="radio"/>	<input type="radio"/>
The design supports autoscaling.	<input type="radio"/>	<input type="radio"/>
The design requires a manual configuration if an Azure region fails.	<input type="radio"/>	<input type="radio"/>

[Hide Answer](#)

Suggested Answer:

Statements	Yes	No
The design supports the technical requirements for redundancy.	<input checked="" type="radio"/>	<input type="radio"/>
The design supports autoscaling.	<input type="radio"/>	<input checked="" type="radio"/>
The design requires a manual configuration if an Azure region fails.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: Yes -

Any new deployments to Azure must be redundant in case an Azure region fails.

Traffic Manager is resilient to failure, including the failure of an entire Azure region.

Box 2: No -

Traffic Manager provides load balancing, but not auto-scaling.

Box 3: No -

Automatic failover using Azure Traffic Manager: when you have complex architectures and multiple sets of resources capable of performing the same function, you can configure Azure Traffic Manager (based on DNS) to check the health of your resources and route the traffic from the non-healthy resource to the healthy resource.

Reference:

<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-overview>

<https://docs.microsoft.com/en-us/azure/networking/disaster-recovery-dns-traffic-manager>