



Actual exam question from Microsoft's AZ-304

Question #: 1

Topic #: 1

[\[All AZ-304 Questions\]](#)

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

What should you include in the recommendation?

- A. the Change Tracking management solution
- B. Application Insights
- C. Azure Monitor action groups
- D. Azure Activity Log

[Show Suggested Answer](#)





Actual exam question from Microsoft's AZ-304

Question #: 2

Topic #: 1

[\[All AZ-304 Questions\]](#)

You have an Azure subscription that contains an Azure SQL database named DB1.

Several queries that query the data in DB1 take a long time to execute.

You need to recommend a solution to identify the queries that take the longest to execute.

What should you include in the recommendation?

- A. SQL Database Advisor
- B. Azure Monitor
- C. Performance Recommendations
- D. Query Performance Insight

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 3

Topic #: 1

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have an Azure App Service Web App that includes Azure Blob storage and an Azure SQL Database instance. The application is instrumented by using the Application Insights SDK.

You need to design a monitoring solution for the web app.

Which Azure monitoring services should you use? To answer, select the appropriate Azure monitoring services in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Scenario

Correlate Azure resource usage and performance data with application configuration and performance data.

Azure monitoring service

Azure Application Insights
Azure Service Map
Azure Monitor Logs
Azure Activity Log

Visualize the relationships between application components.

Azure Application Insights
Azure Service Map
Azure Monitor Logs
Azure Activity Log

Track requests and exceptions to a specific line of code within the application.

Azure Application Insights
Azure Service Map
Azure Monitor Logs
Azure Activity Log

Analyze how many users return to the application and how often they select a particular dropdown value.

Azure Application Insights
Azure Service Map
Azure Monitor Logs
Azure Activity Log

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 4

Topic #: 1

[\[All AZ-304 Questions\]](#)

You have an on-premises Hyper-V cluster. The cluster contains Hyper-V hosts that run Windows Server 2016 Datacenter. The hosts are licensed under a Microsoft Enterprise Agreement that has Software Assurance.

The Hyper-V cluster contains 30 virtual machines that run Windows Server 2012 R2. Each virtual machine runs a different workload. The workloads have predictable consumption patterns.

You plan to replace the virtual machines with Azure virtual machines that run Windows Server 2016. The virtual machines will be sized according to the consumption pattern of each workload.

You need to recommend a solution to minimize the compute costs of the Azure virtual machines.

Which two recommendations should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Configure a spending limit in the Azure account center.
- B. Create a virtual machine scale set that uses autoscaling.
- C. Activate Azure Hybrid Benefit for the Azure virtual machines.
- D. Purchase Azure Reserved Virtual Machine Instances for the Azure virtual machines.
- E. Create a lab in Azure DevTest Labs and place the Azure virtual machines in the lab.

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 5

Topic #: 1

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have an Azure subscription that contains the SQL servers on Azure shown in the following table.

Name	Resource group	Location
SQLsvr1	RG1	East US
SQLsvr2	RG2	West US

The subscription contains the storage accounts shown in the following table.

Name	Resource group	Location	Account kind
storage1	RG1	East US	StorageV2 (general purpose v2)
storage2	RG2	Central US	BlobStorage

You create the Azure SQL databases shown in the following table.

Name	Resource group	Server	Pricing tier
SQLdb1	RG1	SQLsvr1	Standard
SQLdb2	RG1	SQLsvr1	Standard
SQLdb3	RG2	SQLsvr2	Premium

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
When you enable auditing for SQLdb1, you can store the audit information to storage1.	<input type="radio"/>	<input type="radio"/>
When you enable auditing for SQLdb2, you can store the audit information to storage2.	<input type="radio"/>	<input type="radio"/>
When you enable auditing for SQLdb3, you can store the audit information to storage2.	<input type="radio"/>	<input type="radio"/>

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 6

Topic #: 1

[\[All AZ-304 Questions\]](#)

A company has a hybrid ASP.NET Web API application that is based on a software as a service (SaaS) offering.

Users report general issues with the data. You advise the company to implement live monitoring and use ad hoc queries on stored JSON data. You also advise the company to set up smart alerting to detect anomalies in the data.

You need to recommend a solution to set up smart alerting.

What should you recommend?

- A. Azure Site Recovery and Azure Monitor Logs
- B. Azure Data Lake Analytics and Azure Monitor Logs
- C. Azure Application Insights and Azure Monitor Logs
- D. Azure Security Center and Azure Data Lake Store

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 7

Topic #: 1

[\[All AZ-304 Questions\]](#)

You have an Azure subscription that is linked to an Azure Active Directory (Azure AD) tenant. The subscription contains 10 resource groups, one for each department at your company.

Each department has a specific spending limit for its Azure resources.

You need to ensure that when a department reaches its spending limit, the compute resources of the department shut down automatically.

Which two features should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Azure Logic Apps
- B. Azure Monitor alerts
- C. the spending limit of an Azure account
- D. Cost Management budgets
- E. Azure Log Analytics alerts

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 8

Topic #: 1

[\[All AZ-304 Questions\]](#)

HOTSPOT -

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

Name	Type	Kind	Location
storage1	Azure Storage account	Storage	East US
storage2	Azure Storage account	StorageV2	East US
Workspace1	Azure Log Analytics workspace	<i>Not applicable</i>	East US
Workspace2	Azure Log Analytics workspace	<i>Not applicable</i>	East US
Hub1	Azure event hub	<i>Not applicable</i>	East US

You create an Azure SQL database named DB1 that is hosted in the East US region.

To DB1, you add a diagnostic setting named Settings1. Settings1 archives SQLInsights to storage1 and sends SQLInsights to Workspace1.

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

Hot Area:

Answer Area

Statements	Yes	No
You can add a new diagnostic setting that archives SQLInsights logs to storage2.	<input type="radio"/>	<input type="radio"/>
You can add a new diagnostic setting that sends SQLInsights logs to Workspace2.	<input type="radio"/>	<input type="radio"/>
You can add a new diagnostic setting that sends SQLInsights logs to Hub1.	<input type="radio"/>	<input type="radio"/>

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 9

Topic #: 1

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You deploy several Azure SQL Database instances.

You plan to configure the Diagnostics settings on the databases as shown in the following exhibit.

Diagnostics settings

Save Discard Delete Provide feedback

A diagnostic setting specifies a list of categories of platform logs and/or metrics that you want to collect from a resource, and one or more destinations that you would stream them to. Normal usage charges for the destination will occur. [Learn more about the different log categories and contents of those logs](#)

Diagnostic settings name Diagnostic1

Category details

log

	Retention (days)
<input checked="" type="checkbox"/> SQLInsights	90 ✓
<input checked="" type="checkbox"/> AutomaticTuning	90 ✓
<input type="checkbox"/> QueryStoreRuntimeStatistics	0
<input type="checkbox"/> QueryStoreWaitStatistics	0
<input type="checkbox"/> Errors	0
<input type="checkbox"/> DatabaseWaitStatistics	0
<input type="checkbox"/> Timeouts	0
<input type="checkbox"/> Blocks	0
<input type="checkbox"/> Deadlocks	0
metric	
<input type="checkbox"/> Basic	0

Destination details

Send to Log Analytics

Subscription

Azure Pass - Sponsorship

Log Analytics workspace

sk200814 (eastus)

Archive to a storage account

Showing all storage accounts including classic storage accounts

Location

East US

Subscription

Azure Pass - Sponsorship

Storage account *

contoso20

Stream to an event hub

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

The amount of time that SQLInsights data will be stored in blob storage is **[answer choice]**.

30 days
90 days
730 days
indefinite

The maximum amount of time that SQLInsights data can be stored in Azure Log Analytics is **[answer choice]**.

30 days
90 days
730 days
indefinite

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 10

Topic #: 1

[\[All AZ-304 Questions\]](#)

Your company uses Microsoft System Center Service Manager on its on-premises network.

You plan to deploy several services to Azure.

You need to recommend a solution to push Azure service health alerts to Service Manager.

What should you include in the recommendation?

- A. IT Service Management Connector (ITSM)
- B. Azure Event Hubs
- C. Azure Notification Hubs
- D. Application Insights Connector

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 11

Topic #: 1

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have an Azure subscription that contains 300 Azure virtual machines that run Windows Server 2019.

You need to centrally monitor all warning events in the System logs of the virtual machines.

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

Resource to create in Azure:

Resource to create in Azure:
<input type="checkbox"/> An event hub
<input type="checkbox"/> A Log Analytics workspace
<input type="checkbox"/> A search service
<input type="checkbox"/> A storage account

Configuration to perform on the virtual machines:

Configuration to perform on the virtual machines:
<input type="checkbox"/> Create event subscriptions
<input type="checkbox"/> Configure Continuous delivery
<input type="checkbox"/> Install the Microsoft Monitoring Agent
<input type="checkbox"/> Modify the membership of the Event Log Readers group

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 12

Topic #: 1

[\[All AZ-304 Questions\]](#)

You have an Azure SQL database named DB1 that contains multiple tables.

You need to improve the performance of DB1. The solution must minimize administrative effort.

What should you use?

- A. automatic tuning
- B. Azure Advisor
- C. Azure Monitor
- D. Query Performance Insight

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 13

Topic #: 1

[\[All AZ-304 Questions\]](#)

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

What should you include in the recommendation?

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

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 14

Topic #: 1

[\[All AZ-304 Questions\]](#)

Your company provides customer support for multiple Azure subscriptions and third-party hosting providers.

You are designing a centralized monitoring solution. The solution must provide the following services:

- ⇒ Collect log and diagnostic data from all the third-party hosting providers into a centralized repository.
- ⇒ Collect log and diagnostic data from all the subscriptions into a centralized repository.
- ⇒ Automatically analyze log data and detect threats.
- ⇒ Provide automatic responses to known events.

Which Azure service should you include in the solution?

- A. Azure Sentinel
- B. Azure Log Analytics
- C. Azure Monitor
- D. Azure Application Insights

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 1

Topic #: 2

[\[All AZ-304 Questions\]](#)

You are designing an Azure resource deployment that will use Azure Resource Manager templates. The deployment will use Azure Key Vault to store secrets.

You need to recommend a solution to meet the following requirements:

- ⇒ Prevent the IT staff that will perform the deployment from retrieving the secrets directly from Key Vault.
- ⇒ Use the principle of least privilege.

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

NOTE: Each correct selection is worth one point.

- A. Create a Key Vault access policy that allows all get key permissions, get secret permissions, and get certificate permissions.
- B. From Access policies in Key Vault, enable access to the Azure Resource Manager for template deployment.
- C. Create a Key Vault access policy that allows all list key permissions, list secret permissions, and list certificate permissions.
- D. Assign the IT staff a custom role that includes the Microsoft.KeyVault/Vaults/Deploy/Action permission.
- E. Assign the Key Vault Contributor role to the IT staff.

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 2

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure subscription that contains web apps in three Azure regions.

You need to implement Azure Key Vault to meet the following requirements:

- ⇒ In the event of a regional outage, all keys must be readable.
- ⇒ All the web apps in the subscription must be able to access Key Vault.
- ⇒ The number of Key Vault resources to be deployed and managed must be minimized.

How many instances of Key Vault should you implement?

- A. 1
- B. 2
- C. 3
- D. 6

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 3

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure Active Directory (Azure AD) tenant.

You plan to provide users with access to shared files by using Azure Storage. The users will be provided with different levels of access to various Azure file shares based on their user account or their group membership.

You need to recommend which additional Azure services must be used to support the planned deployment.

What should you include in the recommendation?

- A. an Azure AD enterprise application
- B. Azure Information Protection
- C. an Azure AD Domain Services (Azure AD DS) instance
- D. an Azure Front Door instance

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 4

Topic #: 2

[\[All AZ-304 Questions\]](#)

DRAG DROP -

Your company has users who work remotely from laptops.

You plan to move some of the applications accessed by the remote users to Azure virtual machines. The users will access the applications in Azure by using a point-to-site VPN connection. You will use certificates generated from an on-premises-based Certification authority (CA).

You need to recommend which certificates are required for the deployment.

What should you include in the recommendation? To answer, drag the appropriate certificates to the correct targets. Each certificate 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:

Certificates

A root CA certificate that has the private key

A root CA certificate that has the public key only

A user certificate that has the private key

A user certificate that has the public key only

Answer Area

Trusted Root Certification Authorities certificate store on each laptop:

Certificate

The users' Personal store on each laptop:

Certificate

The Azure VPN gateway:

Certificate

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 5

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You are building an application that will run in a virtual machine (VM). The application will use Azure Managed Identity.

The application uses Azure Key Vault, Azure SQL Database, and Azure Cosmos DB.

You need to ensure the application can use secure credentials to access these services.

Which authorization method should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Functionality	Authorization method
Azure Key Vault	<div style="border: 1px solid #ccc; padding: 5px;"><div style="border-bottom: 1px solid #ccc; padding-bottom: 2px;">▼</div><div style="padding: 2px 5px;">Hash-based message authentication code (HMAC)</div><div style="padding: 2px 5px;">Azure Managed Identity</div><div style="padding: 2px 5px;">Role-Based Access Controls (RBAC)</div><div style="padding: 2px 5px;">HTTPS encryption</div></div>
Azure SQL	<div style="border: 1px solid #ccc; padding: 5px;"><div style="border-bottom: 1px solid #ccc; padding-bottom: 2px;">▼</div><div style="padding: 2px 5px;">Hash-based message authentication code (HMAC)</div><div style="padding: 2px 5px;">Azure Managed Identity</div><div style="padding: 2px 5px;">Role-Based Access Controls (RBAC)</div><div style="padding: 2px 5px;">HTTPS encryption</div></div>
Cosmos DB	<div style="border: 1px solid #ccc; padding: 5px;"><div style="border-bottom: 1px solid #ccc; padding-bottom: 2px;">▼</div><div style="padding: 2px 5px;">Hash-based message authentication code (HMAC)</div><div style="padding: 2px 5px;">Azure Managed Identity</div><div style="padding: 2px 5px;">Role-Based Access Controls (RBAC)</div><div style="padding: 2px 5px;">HTTPS encryption</div></div>

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 6

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure subscription that contains a custom application named Application1. Application1 was developed by an external company named Fabrikam, Ltd. Developers at Fabrikam were assigned role-based access control (RBAC) permissions to the Application1 components. All users are licensed for the Microsoft 365 E5 plan.

You need to recommend a solution to verify whether the Fabrikam developers still require permissions to Application1. The solution must meet the following requirements:

- ⇒ To the manager of the developers, send a monthly email message that lists the access permissions to Application1.
- ⇒ If the manager does not verify an access permission, automatically revoke that permission.
- ⇒ Minimize development effort.

What should you recommend?

- A. Create an Azure Automation runbook that runs the Get-AzureADUserAppRoleAssignment cmdlet.
- B. Create an Azure Automation runbook that runs the Get-AzRoleAssignment cmdlet.
- C. In Azure Active Directory (Azure AD), create an access review of Application1.
- D. In Azure Active Directory (AD) Privileged Identity Management, create a custom role assignment for the Application1 resources.

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 7

Topic #: 2

[\[All AZ-304 Questions\]](#)

DRAG DROP -

A company named Contoso, Ltd. has an Azure Active Directory (Azure AD) tenant that uses the Basic license.

You plan to deploy two applications to Azure. The applications have the requirements shown in the following table.

Application name	Requirement
Customer	Users must authenticate by using a personal Microsoft account and multi-factor authentication
Reporting	Users must authenticate by using either Contoso credentials or a personal Microsoft account. You must be able to manage the accounts from Azure AD.

Which authentication strategy should you recommend for each application? To answer, drag the appropriate authentication strategies to the correct applications.

Each authentication strategy 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:

Authentication Strategies

An Azure AD B2C tenant

An Azure AD v1.0 endpoint

An Azure AD v2.0 endpoint

Answer Area

Customer:

Reporting:

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 8

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You manage a network that includes an on-premises Active Directory domain and an Azure Active Directory (Azure AD).

Employees are required to use different accounts when using on-premises or cloud resources. You must recommend a solution that lets employees sign in to all company resources by using a single account. The solution must implement an identity provider.

You need to provide guidance on the different identity providers.

How should you describe each identity provider? To answer, select the appropriate description from each list in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Identity Provider	Description
synchronized identity	<div style="border: 1px solid #ccc; padding: 5px;"><div style="background-color: #f0f0f0; padding: 2px; border-bottom: 1px solid #ccc;">User management occurs on-premises. Azure AD authenticates employees by using on-premises passwords.</div><div style="background-color: #f0f0f0; padding: 2px; border-bottom: 1px solid #ccc;">User management occurs on-premises. The on-premises domain controller authenticates employee credentials.</div><div style="background-color: #f0f0f0; padding: 2px;">Both user management and authentication occur in Azure AD.</div></div>
federated identity	<div style="border: 1px solid #ccc; padding: 5px;"><div style="background-color: #f0f0f0; padding: 2px; border-bottom: 1px solid #ccc;">User management occurs on-premises. Azure AD authenticates employees by using on-premises passwords.</div><div style="background-color: #f0f0f0; padding: 2px; border-bottom: 1px solid #ccc;">User management occurs on-premises. The on-premises domain controller authenticates employee credentials.</div><div style="background-color: #f0f0f0; padding: 2px;">Both user management and authentication occur in Azure AD.</div></div>

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 9

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You configure the Diagnostics settings for an Azure SQL database as shown in the following exhibit.

Diagnostics setting

 Save  Discard  Delete  Provide feedback

A diagnostic setting specifies a list of categories of platform logs and/or metrics that you want to collect from a resource, and one or more destinations that you would stream them to. Normal usage charges for the destination will occur. [Learn more about the different log categories and contents of those logs](#)

Diagnostic setting name

Diagnostic1

Category details

log

- SQLInsights
- AutomaticTuning
- QueryStoreRuntimeStatistics
- QueryStoreWaitStatistics
- Errors
- DatabaseWaitStatistics
- Timeouts
- Blocks
- Deadlocks

Destination details

Send to Log Analytics

Subscription

Azure Pass - Sponsorship

Log Analytics workspace

sk200814 (eastus)

Archive to a storage account

Stream to an event hub

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

To perform real-time reporting by using Microsoft Power BI, you must first **[answer choice]**.

- clear Send to Log Analytics
- clear SQLInsights
- select Archive to a storage account
- select Stream to an event hub

Diagnostics data can be reviewed in **[answer choice]**.

- Azure Analysis Services
- Azure Application Insights
- Azure SQL Analytics
- Microsoft SQL Server Analysis Services (SSAS)
- SQL Health Check

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 10

Topic #: 2

[\[All AZ-304 Questions\]](#)

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:

- ⇒ Ensure that the virtual machines can authenticate to Azure Active Directory (Azure AD) to gain access to an Azure key vault, Azure Logic Apps instances, and an Azure SQL database.
- ⇒ Avoid assigning new roles and permissions for Azure services when you deploy additional virtual machines.
- ⇒ Avoid storing secrets and certificates on the virtual machines.
- ⇒ Minimize administrative effort for managing identities.

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

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 11

Topic #: 2

[\[All AZ-304 Questions\]](#)

You are designing a large Azure environment that will contain many subscriptions.

You plan to use Azure Policy as part of a governance solution.

To which three scopes can you assign Azure Policy definitions? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. management groups
- B. subscriptions
- C. Azure Active Directory (Azure AD) tenants
- D. resource groups
- E. Azure Active Directory (Azure AD) administrative units
- F. compute resources

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 12

Topic #: 2

[\[All AZ-304 Questions\]](#)

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:

- ⇒ Ingress access to the microservices must be restricted to a single private IP address and protected by using mutual TLS authentication.
- ⇒ The number of incoming microservice calls must be rate-limited.
- ⇒ Costs must be minimized.

What should you include in the solution?

- A. Azure App Gateway with Azure Web Application Firewall (WAF)
- B. Azure API Management Premium tier with virtual network connection
- C. Azure API Management Standard tier with a service endpoint
- D. Azure Front Door with Azure Web Application Firewall (WAF)

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 13

Topic #: 2

[\[All AZ-304 Questions\]](#)

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.

Hot Area:

Answer Area

Topic	Value
HTTP methods	<div style="border: 1px solid #ccc; padding: 2px;"><div style="border-bottom: 1px solid #ccc; padding: 2px;">▼</div><div style="padding: 2px;">API methods</div><div style="padding: 2px;">GET only</div><div style="padding: 2px;">GET and POST only</div><div style="padding: 2px;">GET, POST, and OPTIONS only</div></div>
Authorization level	<div style="border: 1px solid #ccc; padding: 2px;"><div style="border-bottom: 1px solid #ccc; padding: 2px;">▼</div><div style="padding: 2px;">Function</div><div style="padding: 2px;">Anonymous</div><div style="padding: 2px;">Admin</div></div>

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 14

Topic #: 2

[\[All AZ-304 Questions\]](#)

A company named Contoso Ltd., has a single-domain Active Directory forest named contoso.com.

Contoso is preparing to migrate all workloads to Azure. Contoso wants users to use single sign-on (SSO) when they access cloud-based services that integrate with Azure Active Directory (Azure AD).

You need to identify any objects in Active Directory that will fail to synchronize to Azure AD due to formatting issues. The solution must minimize costs. What should you include in the solution?

- A. Azure AD Connect Health
- B. Microsoft Office 365 IdFix
- C. Azure Advisor
- D. Password Export Server version 3.1 (PES v3.1) in Active Directory Migration Tool (ADMT)

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 15

Topic #: 2

[\[All AZ-304 Questions\]](#)

DRAG DROP -

A company has an existing web application that runs on virtual machines (VMs) in Azure.

You need to ensure that the application is protected from SQL injection attempts and uses a layer-7 load balancer. The solution must minimize disruption to the code for the existing web application.

What should you recommend? To answer, drag the appropriate values to the correct items. Each value 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:

Values

Web Application Firewall (WAF)

Azure Application Gateway

Azure Load Balancer

Azure Traffic Manager

SSL offloading

URL-based content routing

Answer Area

Item

Value

Azure Service

Value

Features

Value

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 16

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure subscription. The subscription has a blob container that contains multiple blobs.

Ten users in the finance department of your company plan to access the blobs during the month of April.

You need to recommend a solution to enable access to the blobs during the month of April only.

Which security solution should you include in the recommendation?

- A. access keys
- B. conditional access policies
- C. certificates
- D. shared access signatures (SAS)

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 17

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You plan to deploy an Azure web app named App1 that will use Azure Active Directory (Azure AD) authentication.

App1 will be accessed from the internet by the users at your company. All the users have computers that run Windows 10 and are joined to Azure AD.

You need to recommend a solution to ensure that the users can connect to App1 without being prompted for authentication and can access App1 only from company-owned computers.

What should you recommend for each requirement? To answer, select the appropriate options in the answer area.

Hot Area:

Answer Area

The users can connect to App1 without being prompted for authentication:

	▼
An Azure AD app registration	
An Azure AD managed identity	
Azure AD Application Proxy	

The users can access App1 only from company-owned computers:

	▼
A conditional access policy	
An Azure AD administrative unit	
Azure Application Gateway	
Azure Blueprints	
Azure Policy	

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 18

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You plan to create an Azure environment that will contain a root management group and 10 child management groups. Each child management group will contain five Azure subscriptions. You plan to have between 10 and 30 resource groups in each subscription.

You need to design an Azure governance solution. The solution must meet the following requirements:

- ⇒ Use Azure Blueprints to control governance across all the subscriptions and resource groups.
- ⇒ Ensure that Blueprints-based configurations are consistent across all the subscriptions and resource groups.
- ⇒ Minimize the number of blueprint definitions and assignments.

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

Level at which to define the blueprints:

- The child management groups
- The root management group
- The subscriptions

Level at which to create the blueprint assignments:

- The child management groups
- The root management group
- The subscriptions

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 19

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure subscription.

You need to recommend a solution to provide developers with the ability to provision Azure virtual machines. The solution must meet the following requirements:

- ⇒ Only allow the creation of the virtual machines in specific regions.
- ⇒ Only allow the creation of specific sizes of virtual machines.

What should you include in the recommendation?

- A. Azure Resource Manager templates
- B. Azure Policy
- C. conditional access policies
- D. role-based access control (RBAC)

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 20

Topic #: 2

[\[All AZ-304 Questions\]](#)

Your company has the offices shown in the following table.

Location	IP address space	Public NAT segment
Montreal	10.10.0.0/16	190.15.1.0/24
Seattle	172.16.0.0/16	194.25.2.0/24

The network contains an Active Directory domain named contoso.com that is synced to Azure Active Directory (Azure AD).

All users connect to an Exchange Online.

You need to recommend a solution to ensure that all the users use Azure Multi-Factor Authentication (MFA) to connect to Exchange Online from one of the offices.

What should you include in the recommendation?

- A. a virtual network and two Microsoft Cloud App Security policies
- B. a named location and two Microsoft Cloud App Security policies
- C. a conditional access policy and two virtual networks
- D. a conditional access policy and two named locations

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 21

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

Your organization has developed and deployed several Azure App Service Web and API applications. The applications use Azure Key Vault to store several authentication, storage account, and data encryption keys. Several departments have the following requests to support the applications:

Department	Request
Security	<ul style="list-style-type: none"> Review membership of administrative roles and require users to provide a justification for continued membership. Get alerts about changes in administrator assignments. See a history of administrator activation, including which changes administrators made to Azure resources.
Development	<ul style="list-style-type: none"> Enable the applications to access Azure Key Vault and retrieve keys for use in code.
Quality Assurance	<ul style="list-style-type: none"> Receive temporary administrator access to create and configure additional Web and API applications in the test environment.

You need to recommend the appropriate Azure service for each department request.

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.

Hot Area:

Answer Area

Department	Azure Service
Security	<input type="text"/> <ul style="list-style-type: none"> Azure AD Privileged Identity Management Azure Managed Identity Azure AD Connect Azure AD Identity Protection
Development	<input type="text"/> <ul style="list-style-type: none"> Azure AD Privileged Identity Management Azure Managed Identity Azure AD Connect Azure AD Identity Protection
Quality Assurance	<input type="text"/> <ul style="list-style-type: none"> Azure AD Privileged Identity Management Azure Managed Identity Azure AD Connect Azure AD Identity Protection

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 22

Topic #: 2

[\[All AZ-304 Questions\]](#)

Your network contains an on-premises Active Directory forest.

You discover that when users change jobs within your company, the membership of the user groups are not being updated. As a result, the users can access resources that are no longer relevant to their job.

You plan to integrate Active Directory and Azure Active Directory (Azure AD) by using Azure AD Connect.

You need to recommend a solution to ensure that group owners are emailed monthly about the group memberships they manage.

What should you include in the recommendation?

- A. Azure AD Identity Protection
- B. Azure AD access reviews
- C. Tenant Restrictions
- D. conditional access policies

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 23

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have five .NET Core applications that run on 10 Azure virtual machines in the same subscription.

You need to recommend a solution to ensure that the applications can authenticate by using the same Azure Active Directory (Azure AD) identity. The solution must meet the following requirements:

- ⇒ Ensure that the applications can authenticate only when running on the 10 virtual machines.
- ⇒ Minimize administrative effort.

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

Hot Area:

Answer Area

To provision the Azure AD identity:

	▼
Create a system-assigned Managed Identities for Azure resources	
Create a user-assigned Managed Identities for Azure resources	
Register each application in Azure AD	

To authenticate, request a token by using:

	▼
An Azure AD v1.0 endpoint	
An Azure AD v2.0 endpoint	
An Azure Instance Metadata Service identity OAuth2 endpoint	

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 24

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure Active Directory (Azure AD) tenant named contoso.com that contains two administrative user accounts named Admin1 and Admin2.

You create two Azure virtual machines named VM1 and VM2.

You need to ensure that Admin1 and Admin2 are notified when more than five events are added to the security log of VM1 or VM2 during a period of 120 seconds.

The solution must minimize administrative tasks.

What should you create?

- A. two action groups and two alert rules
- B. one action group and one alert rule
- C. five action groups and one alert rule
- D. two action groups and one alert rule

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 25

Topic #: 2

[\[All AZ-304 Questions\]](#)

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.

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: Create an Access Review for Group1.

Does this solution meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 26

Topic #: 2

[\[All AZ-304 Questions\]](#)

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.

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: Implement Azure AD Identity Protection for Group1.

Does this solution meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 27

Topic #: 2

[\[All AZ-304 Questions\]](#)

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.

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 meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 28

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure Active Directory (Azure AD) tenant
East	Sub1, Sub2	East.contoso.com
West	Sub3, Sub4	West.contoso.com

You plan to deploy a custom application to each subscription. The application will contain the following:

- ⇒ A resource group
- ⇒ An Azure web app

Custom role assignments -

-
- ⇒ An Azure Cosmos DB account

You need to use Azure Blueprints to deploy the application to each subscription.

What is the minimum number of objects required to deploy the application? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Management groups:

1
2
3
4

Blueprint definitions:

1
2
3
4

Blueprint assignments:

1
2
3
4

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 29

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure Active Directory (Azure AD) tenant.

You plan to deploy Azure Cosmos DB databases that will use the SQL API.

You need to recommend a solution to provide specific Azure AD user accounts with read access to the Cosmos DB databases.

What should you include in the recommendation?

- A. shared access signatures (SAS) and conditional access policies
- B. certificates and Azure Key Vault
- C. a resource token and an Access control (IAM) role assignment
- D. master keys and Azure Information Protection policies

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 30

Topic #: 2

[\[All AZ-304 Questions\]](#)

You deploy an Azure virtual machine that runs an ASP.NET application. The application will be accessed from the internet by the users at your company.

You need to recommend a solution to ensure that the users are pre-authenticated by using their Azure Active Directory (Azure AD) account before they can connect to the ASP.NET application.

What should you include in the recommendation?

- A. a public Azure Load Balancer
- B. Azure Application Gateway
- C. Azure Traffic Manager
- D. an Azure AD enterprise application

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 31

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have an Azure blueprint named BP1.

The properties of BP1 are shown in the Properties exhibit. (Click the Properties tab.)

[All services](#) > [Blueprints](#) | [Blueprint definitions](#) >

BP1

Blueprints

[Publish Blueprint](#) [Edit Blueprint](#) [Delete Blueprint](#)

Name : BP1  State : Draft
 Definition location : All PAYG Subscriptions Description: Assigns policies to address specific recommendations from the Azure Security Benchmark.
 Definition location ID : 

Version: Draft

The basic configuration of the blueprint is shown in the Basics exhibit. (Click the Basics tab.)


Edit blueprint

[Basics](#) [Artifacts](#)

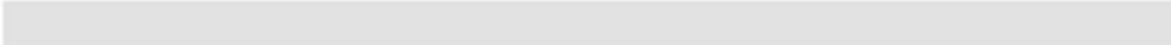
Blueprint name 

BP1

Blueprint description

Assigns policies to address specific recommendations from the Azure Security Benchmark. 

Definition location* 




 ...

The management group or subscription where the blueprint is saved. The definition location determines the scope that the blueprint may be assigned to. Learn more at aka.ms/BlueLocation.

The artifacts attached to BP1 are shown in the Artifacts exhibit. (Click the Artifacts tab.)

[Basics](#) [Artifacts](#)

Add artifacts to the blueprint. Add resource groups to organize where the artifacts should be deployed and assigned.

NAME	ARTIFACT TYPE	PARAMETERS
 Subscription		
 Audit Azure Security Benchmark recommendations and deploy specific supporting VM Extensions	Policy assignment	0 out of 12 parameters populated
 Add artifact...		
 Database Resource Group	Resource group	0 out of 2 parameters populated
 Add artifact...		

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 can assign BP1 in its current state.	<input type="radio"/>	<input type="radio"/>
BP1 has a role assignment defined.	<input type="radio"/>	<input type="radio"/>
When BP1 is assigned, you will need to provide a resource group name.	<input type="radio"/>	<input type="radio"/>

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 32

Topic #: 2

[\[All AZ-304 Questions\]](#)

Your company wants to use an Azure Active Directory (Azure AD) hybrid identity solution.

You need to ensure that users can authenticate if the internet connection to the on-premises Active Directory is unavailable. The solution must minimize authentication prompts for the users.

What should you include in the solution?

- A. password hash synchronization and Azure AD Seamless Single Sign-On (Azure AD Seamless SSO)
- B. pass-through authentication and Azure AD Seamless Single Sign-On (Azure AD Seamless SSO)
- C. an Active Directory Federation Services (AD FS) server

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 33

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You need to design an Azure policy that will implement the following functionality:

- ⇒ For new resources, assign tags and values that match the tags and values of the resource group to which the resources are deployed.
- ⇒ For existing resources, identify whether the tags and values match the tags and values of the resource group that contains the resources.
- ⇒ For any non-compliant resources, trigger auto-generated remediation tasks to create missing tags and values.

The solution must use the principle of least privilege.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Azure Policy effect to use:

<input type="text"/>
Append
EnforceOPAConstraint
EnforceRegoPolicy
Modify

Azure Active Directory (Azure AD) object and RBAC role to use for the remediation tasks:

<input type="text"/>
A managed identity with the Contributor role
A managed identity with the User Access Administrator role
A service principal with the Contributor role
A service principal with the User Access Administrator role

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 34

Topic #: 2

[\[All AZ-304 Questions\]](#)

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 has an on-premises Active Directory Domain Services (AD DS) domain and an established Azure Active Directory (Azure AD) environment.

Your company would like users to be automatically signed in to cloud apps when they are on their corporate desktops that are connected to the corporate network.

You need to enable single sign-on (SSO) for company users.

Solution: Install and configure an Azure AD Connect server to use password hash synchronization and select the `Enable single sign-on` option.

Does the solution meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 35

Topic #: 2

[\[All AZ-304 Questions\]](#)

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 has an on-premises Active Directory Domain Services (AD DS) domain and an established Azure Active Directory (Azure AD) environment.

Your company would like users to be automatically signed in to cloud apps when they are on their corporate desktops that are connected to the corporate network.

You need to enable single sign-on (SSO) for company users.

Solution: Install and configure an Azure AD Connect server to use pass-through authentication and select the `Enable single sign-on` option.

Does the solution meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 36

Topic #: 2

[\[All AZ-304 Questions\]](#)

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 has an on-premises Active Directory Domain Services (AD DS) domain and an established Azure Active Directory (Azure AD) environment.

Your company would like users to be automatically signed in to cloud apps when they are on their corporate desktops that are connected to the corporate network.

You need to enable single sign-on (SSO) for company users.

Solution: Configure an AD DS server in an Azure virtual machine (VM). Configure bidirectional replication.

Does the solution meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 37

Topic #: 2

[\[All AZ-304 Questions\]](#)

You are designing an Azure web app that will use Azure Active Directory (Azure AD) for authentication.

You need to recommend a solution to provide users from multiple Azure AD tenants with access to App1. The solution must ensure that the users use Azure Multi-Factor Authentication (MFA) when they connect to App1.

Which two types of objects should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Azure AD conditional access policies
- B. Azure AD managed identities
- C. an Identity Experience Framework policy
- D. an Azure application security group
- E. an Endpoint Manager app protection policy
- F. Azure AD guest accounts

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 38

Topic #: 2

[\[All AZ-304 Questions\]](#)

You need to create an Azure Storage account that uses a custom encryption key.

What do you need to implement the encryption?

- A. a certificate issued by an integrated certification authority (CA) and stored in Azure Key Vault
- B. a managed identity that is configured to access the storage account
- C. an Azure Active Directory Premium subscription
- D. an Azure key vault in the same Azure region as the storage account

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 39

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You plan to create an Azure environment that will have a root management group and five child management groups. Each child management group will contain five Azure subscriptions. You plan to have between 10 and 30 resource groups in each subscription.

You need to design a solution for the planned environment. The solution must meet the following requirements:

Prevent users who are assigned the Owner role for the subscriptions from deleting the resource groups from their respective subscription.

-
- ⇒ Ensure that you can update RBAC role assignments across all the subscriptions and resource groups.
- ⇒ 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.

Hot Area:

Answer Area

Update the RBAC role assignments:

	▼
Azure Blueprints	
Azure Policy	
Azure Security Center	

Prevent the deletion of the resource groups:

	▼
Azure Blueprints assignments that set locking mode at the subscription level	
Resource locks at the resource group level	
Resource locks at the subscription level	

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 40

Topic #: 2

[\[All AZ-304 Questions\]](#)

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure Active Directory (Azure AD) tenant
East	Sub1	East.contoso.com
West	Sub2	West.contoso.com

Sub1 contains an Azure web app that runs an ASP.NET application named App1. App1 uses the Microsoft identity platform (v2.0) to handle user authentication.

Users from east.contoso.com can authenticate to App1.

You need to recommend a solution to allow users from west.contoso.com to authenticate to App1.

What should you recommend for the west.contoso.com Azure AD tenant?

- A. a conditional access policy
- B. pass-through authentication
- C. guest accounts
- D. an app registration

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 41

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure Active Directory (Azure AD) tenant named contoso.com that has a security group named Group1. Group1 is configured for assigned membership. Group1 has 50 members, including 20 guest users.

You need to recommend a solution for evaluating the membership of Group1. The solution must meet the following requirements:

- ⇒ The evaluation must be repeated automatically every three months.
- ⇒ Every member must be able to report whether they need to be in Group1.
- ⇒ Users who report that they do not need to be in Group1 must be removed from Group1 automatically.
- ⇒ Users who do not report whether they need to be in Group1 must be removed from Group1 automatically.

What should you include in the recommendation?

- A. Change the Membership type of Group1 to Dynamic User.
- B. Implement Azure AD Privileged Identity Management.
- C. Implement Azure AD Identity Protection.
- D. Create an access review.

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 42

Topic #: 2

[\[All AZ-304 Questions\]](#)

Your company purchases an app named App1.

You need to recommend a solution to ensure that App1 can read and modify access reviews.

What should you recommend?

- A. From API Management services, publish the API of App1, and then delegate permissions to the Microsoft Graph API.
- B. From the Azure Active Directory admin center, register App1. From the Access control (IAM) blade, delegate permissions.
- C. From the Azure Active Directory admin center, register App1, and then delegate permissions to the Microsoft Graph API.
- D. From API Management services, publish the API of App1. From the Access control (IAM) blade, delegate permissions.

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 43

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have 200 resource groups across 20 Azure subscriptions.

Your company's security policy states that the security administrator must verify all assignments of the Owner role for the subscriptions and resource groups once a month. All assignments that are not approved by the security administrator must be removed automatically. The security administrator must be prompted every month to perform the verification.

What should you use to implement the security policy?

- A. Identity Secure Score in Azure Security Center
- B. Access reviews in Identity Governance
- C. the user risk policy in Azure Active Directory (Azure AD) Identity Protection
- D. role assignments in Azure Active Directory (Azure AD) Privileged Identity Management (PIM)

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 44

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

Your company has 20 web APIs that were developed in-house.

The company is developing 10 web apps that will use the web APIs. The web apps and the APIs are registered in the company's Azure Active Directory (Azure AD) tenant. The web APIs are published by using Azure API Management.

You need to recommend a solution to block unauthorized requests originating from the web apps from reaching the web APIs. The solution must meet the following requirements:

- ⇒ Use Azure AD-generated claims.
- ⇒ Minimize configuration and management effort.

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

Grant permissions to allow the web apps
to access the web APIs by using:

<input type="checkbox"/>	Azure AD
<input type="checkbox"/>	Azure API Management
<input type="checkbox"/>	The web APIs

Configure a JSON Web Token (JWT)
validation policy by using:

<input type="checkbox"/>	Azure AD
<input type="checkbox"/>	Azure API Management
<input type="checkbox"/>	The web APIs

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 45

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You need to design a resource governance solution for an Azure subscription. The solution must meet the following requirements:

- ⇒ Ensure that all ExpressRoute resources are created in a resource group named RG1.
- ⇒ Delegate the creation of the ExpressRoute resources to an Azure Active Directory (Azure AD) group named Networking.
- ⇒ Use the principle of least privilege.

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

Ensure that all ExpressRoute resources are created in RG1:

- A custom RBAC role assignment at the level of RG1
- A custom RBAC role assignment at the subscription level
- An Azure Blueprints assignment that sets locking mode for the level of RG1
- An Azure Policy assignment at the subscription level that has an exclusion
- Multiple Azure Policy assignments at the resource group level except for RG1

Delegate the creation of the ExpressRoute resources to Networking:

- A custom RBAC role assignment at the level of RG1
- A custom RBAC role assignment at the subscription level
- An Azure Blueprints assignment that sets locking mode for the level of RG1
- An Azure Policy assignment at the subscription level that has an exclusion
- Multiple Azure Policy assignments at the resource group level except for RG1

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 46

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure Active Directory (Azure AD) tenant and Windows 10 devices.

You configure a conditional access policy as shown in the exhibit. (Click the Exhibit tab.)

The screenshot shows the Microsoft Azure portal interface for configuring an MFA policy. The policy is named "MFA policy" and is assigned to "All users included and specific us...". The policy is set to "Grant" access. The "Access controls" section shows "Grant" with "2 controls selected". The "Enable policy" section shows "Report-only" as "Off". The "Grant" configuration pane shows "Require multi-factor authentication" and "Require Hybrid Azure AD joined device" selected, while "Require device to be marked as compliant" and "Require approved client app" are not selected. The "For multiple controls" section shows "Require one of the selected controls" selected. A warning message states: "Don't lock yourself out! Make sure that your device is Hybrid Azure AD Joined."

What is the result of the policy?

- A. All users will always be prompted for multi-factor authentication (MFA).
- B. Users will be prompted for multi-factor authentication (MFA) only when they sign in from devices that are NOT joined to Azure AD.
- C. All users will be able to sign in without using multi-factor authentication (MFA).
- D. Users will be prompted for multi-factor authentication (MFA) only when they sign in from devices that are joined to Azure AD.

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 47

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have an Azure Active Directory (Azure AD) tenant.

You plan to use Azure Monitor to monitor user sign-ins and generate alerts based on specific user sign-in events.

You need to recommend a solution to trigger the alerts based on the events.

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

Send Azure AD logs to:

	▼
An Azure event hub	
An Azure Log Analytics workspace	
An Azure Storage account	

Signal type to use for triggering the alerts:

	▼
Activity log	
Log	
Metric	

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 48

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You configure OAuth2 authorization in API Management as shown in the following exhibit.

Add OAuth2 service ×

API Management service

Display name *

Unique name used to reference this authorization server on t...

Id * ⓘ

Description

Authorization server description

Client registration page URL *

<https://contoso.com/register>

Authorization grant types

Authorization code

Implicit

Resource owner password

Client credentials

Authorization endpoint URL *

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

The selected authorization grant type is for **[answer choice]**.

Background services
Headless device authentication
Web applications

To enable custom data in the grant flow, select **[answer choice]**.

Client credentials
Resource owner password
Support state parameter

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 49

Topic #: 2

[\[All AZ-304 Questions\]](#)

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 has deployed several virtual machines (VMs) on-premises and to Azure. Azure ExpressRoute has been deployed and configured for on-premises to Azure connectivity.

Several VMs are exhibiting network connectivity issues.

You need to analyze the network traffic to determine whether packets are being allowed or denied to the VMs.

Solution: Use Azure Network Watcher to run IP flow verify to analyze the network traffic.

Does the solution meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 50

Topic #: 2

[\[All AZ-304 Questions\]](#)

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 has deployed several virtual machines (VMs) on-premises and to Azure. Azure ExpressRoute has been deployed and configured for on-premises to Azure connectivity.

Several VMs are exhibiting network connectivity issues.

You need to analyze the network traffic to determine whether packets are being allowed or denied to the VMs.

Solution: Use the Azure Advisor to analyze the network traffic.

Does the solution meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 51

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have 500 Azure web apps in the same Azure region. The apps use a premium Azure key vault for authentication.

A developer reports that some authentication requests are being throttled.

You need to recommend a solution to increase the available throughput of the key vault. The solution must minimize costs.

What should you recommend?

- A. Change the pricing tier.
- B. Configure geo-replication.
- C. Configure load balancing for the apps.
- D. Increase the number of key vaults in the subscription.

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 52

Topic #: 2

[\[All AZ-304 Questions\]](#)

DRAG DROP -

Your on-premises network contains a server named Server1 that runs an ASP.NET application named App1.

You have a hybrid deployment of Azure Active Directory (Azure AD).

You need to recommend a solution to ensure that users sign in by using their Azure AD account and Azure Multi-Factor Authentication (MFA) when they connect to App1 from the internet.

Which three Azure services should you recommend be deployed and configured in sequence? To answer, move the appropriate services from the list of services to the answer area and arrange them in the correct order.

Select and Place:

Services

an internal Azure Load Balancer

an Azure AD conditional access policy

Azure AD Application Proxy

an Azure AD managed identity

a public Azure Load Balancer

an Azure AD enterprise application

an App Service plan



Answer Area



Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 53

Topic #: 2

[\[All AZ-304 Questions\]](#)

A company named Contoso, Ltd. has an Azure Active Directory (Azure AD) tenant that is integrated with Microsoft 365 and an Azure subscription.

Contoso has an on-premises identity infrastructure. The infrastructure includes servers that run Active Directory Domain Services (AD DS), Active Directory Federation Services (AD FS), Azure AD Connect, and Microsoft Identity Manager (MIM).

Contoso has a partnership with a company named Fabrikam, Inc. Fabrikam has an Active Directory forest and a Microsoft 365 tenant. Fabrikam has the same on-premises identity infrastructure components as Contoso.

A team of 10 developers from Fabrikam will work on an Azure solution that will be hosted in the Azure subscription of Contoso. The developers must be added to the Contributor role for a resource group in the Contoso subscription.

You need to recommend a solution to ensure that Contoso can assign the role to the 10 Fabrikam developers. The solution must ensure that the Fabrikam developers use their existing credentials to access resources.

What should you recommend?

- A. Configure an AD FS relying party trust between the Fabrikam and Contoso AD FS infrastructure.
- B. In the Azure AD tenant of Contoso, create cloud-only user accounts for the Fabrikam developers.
- C. Configure an organization relationship between the Microsoft 365 tenants of Fabrikam and Contoso.
- D. In the Azure AD tenant of Contoso, use MIM to create guest accounts for the Fabrikam developers.

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 54

Topic #: 2

[\[All AZ-304 Questions\]](#)

You are designing an Azure governance solution.

All Azure resources must be easily identifiable based on the following operational information: environment, owner, department, and cost center.

You need to ensure that you can use the operational information when you generate reports for the Azure resources.

What should you include in the solution?

- A. an Azure data catalog that uses the Azure REST API as a data source
- B. Azure Active Directory (Azure AD) administrative units
- C. an Azure management group that uses parent groups to create a hierarchy
- D. an Azure policy that enforces tagging rules

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 55

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You are designing an access policy for your company.

Occasionally, the developers at the company must stop, start, and restart Azure virtual machines. The development team changes often.

You need to recommend a solution to provide the developers with the required access to the virtual machines. The solution must meet the following requirements:

- ⇒ Provide permissions only when needed.
- ⇒ Use the principle of least privilege.
- ⇒ Minimize costs.

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

Azure Active Directory (Azure AD) license:

	▼
Free	
Premium P1	
Premium P2	

Security feature:

	▼
Just in time VM access	
A conditional access policy	
Azure AD Privileged Identity Management	

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 56

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have the Free edition of a hybrid Azure Active Directory (Azure AD) tenant. The tenant uses password hash synchronization.

You need to recommend a solution to meet the following requirements:

- ⇒ Prevent Active Directory domain user accounts from being locked out as the result of brute force attacks targeting Azure AD user accounts.
- ⇒ Block legacy authentication attempts to Azure AD integrated apps.
- ⇒ Minimize costs.

What should you recommend for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

To protect against brute force attacks:

	▼
Azure AD Password Protection	
Conditional access policies	
Pass-through authentication	
Smart lockout	

To block legacy authentication attempts:

	▼
Azure AD Application Proxy	
Azure AD Password Protection	
Conditional access policies	
Enable Security defaults	

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 57

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have an Azure Active Directory (Azure AD) tenant named contoso.com that contains several administrative user accounts. You need to recommend a solution to identify which administrative user accounts have NOT signed in during the previous 30 days. Which service should you include in the recommendation?

- A. Azure AD Privileged Identity Management (PIM)
- B. Azure AD Identity Protection
- C. Azure Advisor
- D. Azure Activity Log

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 58

Topic #: 2

[\[All AZ-304 Questions\]](#)

A company deploys Azure Active Directory (Azure AD) Connect to synchronize identity information from their on-premises Active Directory Domain Services (AD DS) directory to their Azure AD tenant. The identity information that is synchronized includes user accounts, credential hashes for authentication (password sync), and group memberships. The company plans to deploy several Windows and Linux virtual machines (VMs) to support their applications.

The VMs have the following requirements:

- ⇒ Support domain join, LDAP read, LDAP bind, NTLM and Kerberos authentication, and Group Policy.
- ⇒ Allow users to sign in to the domain using their corporate credentials and connect remotely to the VM by using Remote Desktop.

You need to support the VM deployment.

Which service should you use?

- A. Active Directory Federation Services (AD FS)
- B. Azure AD Privileged Identity Management
- C. Azure Managed Identity
- D. Azure AD Domain Services

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 59

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You are designing a software as a service (SaaS) application that will enable Azure Active Directory (Azure AD) users to create and publish online surveys. The SaaS application will have a front-end web app and a back-end web API. The web app will rely on the web API to handle updates to customer surveys.

You need to design an authorization flow for the SaaS application. The solution must meet the following requirements:

- ⇒ To access the back-end web API, the web app must authenticate by using OAuth 2 bearer tokens.
- ⇒ The web app must authenticate by using the identities of individual users.

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

The access tokens will be generated by:

	▼
Azure AD	
A web app	
A web API	

Authorization decisions will be performed by:

	▼
Azure AD	
A web app	
A web API	

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 60

Topic #: 2

[\[All AZ-304 Questions\]](#)

You have a hybrid deployment of Azure Active Directory (Azure AD).

You need to recommend a solution to ensure that the Azure AD tenant can be managed only from the computers on your on-premises network.

What should you include in the recommendation?

- A. a conditional access policy
- B. Azure AD roles and administrators
- C. Azure AD Application Proxy
- D. Azure AD Privileged Identity Management

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 61

Topic #: 2

[\[All AZ-304 Questions\]](#)

You plan to automate the deployment of resources to Azure subscriptions.

What is a difference between using Azure Blueprints and Azure Resource Manager templates?

- A. Azure Resource Manager templates remain connected to the deployed resources.
- B. Only Azure Resource Manager templates can contain policy definitions.
- C. Azure Blueprints remain connected to the deployed resources.
- D. Only Azure Blueprints can contain policy definitions.

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 62

Topic #: 2

[\[All AZ-304 Questions\]](#)

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.

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: Implement Azure AD Privileged Identity Management.

Does this solution meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 63

Topic #: 2

[\[All AZ-304 Questions\]](#)

You manage an Azure environment for a company. The environment has over 25,000 licensed users and 100 mission-critical applications.

You need to recommend a solution that provides advanced user threat detection and remediation strategies.

What should you recommend?

- A. Azure Active Directory (Azure AD) authentication
- B. Microsoft Identity Manager
- C. Azure Active Directory (Azure AD) Identity Protection
- D. Azure Active Directory Federation Services (AD FS)
- E. Azure Active Directory (Azure AD) Connect

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 64

Topic #: 2

[\[All AZ-304 Questions\]](#)

You store web access logs data in Azure Blob storage.

You plan to generate monthly reports from the access logs.

You need to recommend an automated process to upload the data to Azure SQL Database every month.

What should you include in the recommendation?

- A. Data Migration Assistant
- B. Microsoft SQL Server Migration Assistant (SSMA)
- C. Azure Data Factory
- D. AzCopy

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 65

Topic #: 2

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have a resource group named RG1 that contains the objects shown in the following table.

Name	Type	Location
ASP-RG1	App Service plan	East US
KV1	Azure Key Vault	East US
KV2	Azure Key Vault	West Europe
App1	Azure Logic Apps	West US

You need to configure permissions so that App1 can copy all the secrets from KV1 to KV2. App1 currently has the Get permission for the secrets in KV1. Which additional permissions should you assign to App1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Permission to assign so that App1 can copy the secrets from KV1:

 Add
 Backup
 Create
 List
 Unwrap Key

Permission to assign so that App1 can copy the secrets to KV2:

 Create
 Import
 List
 Wrap Key

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 66

Topic #: 2

[\[All AZ-304 Questions\]](#)

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 has deployed several virtual machines (VMs) on-premises and to Azure. Azure ExpressRoute has been deployed and configured for on-premises to Azure connectivity.

Several VMs are exhibiting network connectivity issues.

You need to analyze the network traffic to determine whether packets are being allowed or denied to the VMs.

Solution: Install and configure the Microsoft Monitoring Agent and the Dependency Agent on all VMs. Use the Wire Data solution in Azure Monitor to analyze the network traffic.

Does the solution meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 67

Topic #: 2

[\[All AZ-304 Questions\]](#)

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 has deployed several virtual machines (VMs) on-premises and to Azure. Azure ExpressRoute has been deployed and configured for on-premises to Azure connectivity.

Several VMs are exhibiting network connectivity issues.

You need to analyze the network traffic to determine whether packets are being allowed or denied to the VMs.

Solution: Use the Azure Traffic Analytics solution in Azure Log Analytics to analyze the network traffic.

Does the solution meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 1

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You manage a database environment for a Microsoft Volume Licensing customer named Contoso, Ltd. Contoso uses License Mobility through Software Assurance.

You need to deploy 50 databases. The solution must meet the following requirements:

- ⇒ Support automatic scaling.
- ⇒ Minimize Microsoft SQL Server licensing costs.

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

Purchase model:

DTU
vCore
Azure reserved virtual machine instances

Deployment option:

An Azure SQL managed instance
An Azure SQL Database elastic pool
A SQL Server Always On availability group

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 2

Topic #: 3

[\[All AZ-304 Questions\]](#)

DRAG DROP -

You plan to import data from your on-premises environment into 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.

Select and Place:

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

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 3

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have an Azure virtual machine named VM1 that runs Windows Server 2019 and contains 500 GB of data files.

You are designing a solution that will use Azure Data Factory to transform the data files, and then load the files to Azure Data Lake Storage.

What should you deploy on VM1 to support the design?

- A. the Azure Pipelines agent
- B. the Azure File Sync agent
- C. the On-premises data gateway
- D. the self-hosted integration runtime

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 4

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

Your company is designing a multi-tenant application that will use elastic pools and Azure SQL databases. The application will be used by 30 customers.

You need to design a storage solution for the application. The solution must meet the following requirements:

- ⇒ Operational costs must be minimized.
- ⇒ All customers must have their own database.
- ⇒ The customer databases will be in one of the following three Azure regions: East US, North Europe, or South Africa North.

What is the minimum number of elastic pools and Azure SQL Database servers required? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Elastic pools:

1
3
6
10
30

Azure SQL Database servers:

1
3
6
10
30

Show Suggested Answer

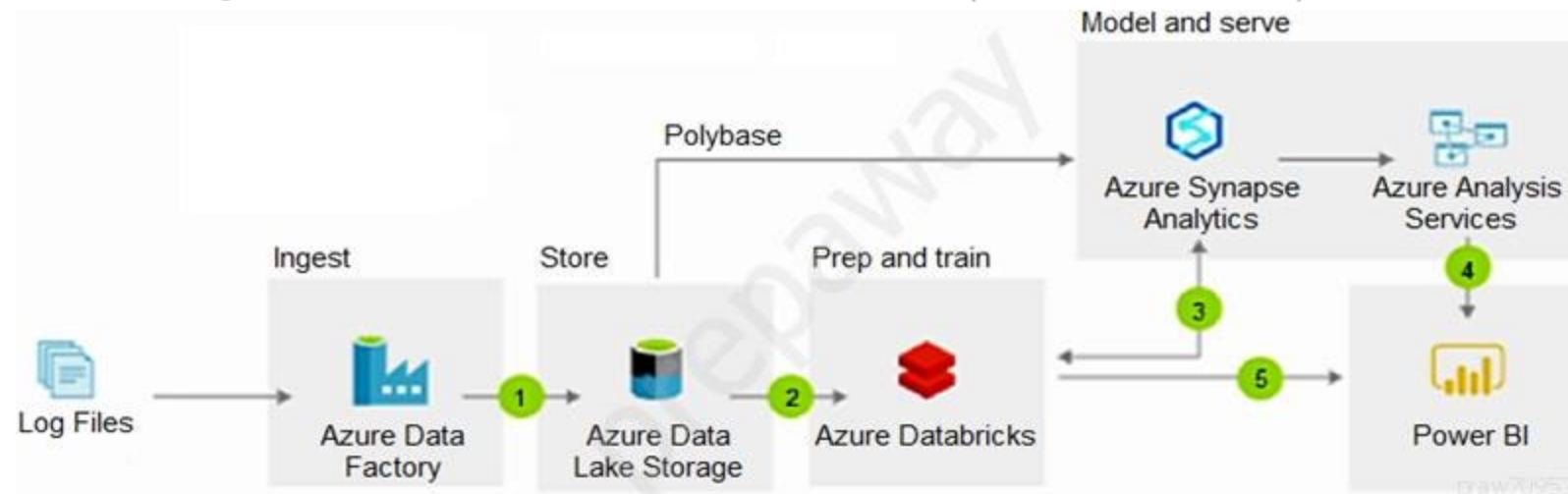
Actual exam question from Microsoft's AZ-304

Question #: 5

Topic #: 3

[\[All AZ-304 Questions\]](#)

You are reviewing an Azure architecture as shown in the Architecture exhibit. (Click the Architecture tab.)



The estimated monthly costs for the architecture are shown in the Costs exhibit. (Click the Costs tab.)

Estimate total: US\$7,739.99

Azure Synapse Analytics	Tier: Compute-optimised Gen2, Compute: DWU 100 x 1 ...	US\$998.88
Data Factory	Azure Data Factory V2 Type, Data Pipeline Service type, ...	US\$4,993.14
Azure Analysis Services	Developer (hours), 5 Instance(s), 720 Hours	US\$475.20
Power BI Embedded	1 node(s) x 1 Months, Node type: A1, 1 Virtual Core(s), 3...	US\$735.91
Storage Accounts	Block Blob Storage, General Purpose V2, LRS Redundan...	US\$21.84
Azure Databricks	Data Analytics Workload, Premium Tier, 1 D3V2 (4 vCPU...	US\$515.02

The log files are generated by user activity to Apache web servers. The log files are in a consistent format. Approximately 1 GB of logs are generated per day. Microsoft Power BI is used to display weekly reports of the user activity.

You need to recommend a solution to minimize costs while maintaining the functionality of the architecture.

What should you recommend?

- A. Replace Azure Synapse Analytics and Azure Analysis Services with SQL Server on an Azure virtual machine.
- B. Replace Azure Synapse Analytics with Azure SQL Database Hyperscale.
- C. Replace Azure Data Factory with CRON jobs that use AzCopy.
- D. Replace Azure Databricks with Azure Machine Learning.

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 6

Topic #: 3

[\[All AZ-304 Questions\]](#)

You deploy Azure App Service Web Apps that connect to on-premises Microsoft SQL Server instances by using Azure ExpressRoute. You plan to migrate the SQL Server instances to Azure.

Migration of the SQL Server instances to Azure must:

- ⇒ Support automatic patching and version updates to SQL Server.
- ⇒ Provide automatic backup services.
- ⇒ Allow for high-availability of the instances.
- ⇒ Provide a native VNET with private IP addressing.
- ⇒ Encrypt all data in transit.
- ⇒ Be in a single-tenant environment with dedicated underlying infrastructure (compute, storage).

You need to migrate the SQL Server instances to Azure.

Which Azure service should you use?

- A. SQL Server in a Docker container running on Azure Container Instances (ACI)
- B. SQL Server in Docker containers running on Azure Kubernetes Service (AKS)
- C. SQL Server Infrastructure-as-a-Service (IaaS) virtual machine (VM)
- D. Azure SQL Database Managed Instance
- E. Azure SQL Database with elastic pools

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 7

Topic #: 3

[\[All AZ-304 Questions\]](#)

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

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

Which storage tier should you use?

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

[Show Suggested Answer](#)



Actual exam question from Microsoft's AZ-304

Question #: 8

Topic #: 3

[\[All AZ-304 Questions\]](#)

DRAG DROP -

You are designing a virtual machine that will run Microsoft SQL Server and will contain two data disks. The first data disk will store log files, and the second data disk will store data. Both disks are P40 managed disks.

You need to recommend a caching policy for each disk. The policy must provide the best overall performance for the virtual machine while preserving integrity of the SQL data and logs.

Which caching policy should you recommend for each disk? To answer, drag the appropriate policies to the correct disks. Each policy 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.

Select and Place:

Policies

None

ReadOnly

ReadWrite

Answer Area

Log:

Policy

Data:

Policy

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 9

Topic #: 3

[\[All AZ-304 Questions\]](#)

You are designing a SQL database solution. The solution will include 20 databases that will be 20 GB each and have varying usage patterns.

You need to recommend a database platform to host the databases. The solution must meet the following requirements:

- ⇒ The compute resources allocated to the databases must scale dynamically.
- ⇒ The solution must meet an SLA of 99.99% uptime.
- ⇒ The solution must have reserved capacity.
- ⇒ Compute charges must be minimized.

What should you include in the recommendation?

- A. 20 databases on a Microsoft SQL server that runs on an Azure virtual machine in an availability set
- B. 20 instances of Azure SQL Database serverless
- C. 20 databases on a Microsoft SQL server that runs on an Azure virtual machine
- D. an elastic pool that contains 20 Azure SQL databases

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 10

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have an app named App1 that uses two on-premises Microsoft SQL Server databases named DB1 and DB2.

You plan to migrate DB1 and DB2 to Azure.

You need to recommend an Azure solution to host DB1 and DB2. The solution must meet the following requirements:

- ⇒ Support server-side transactions across DB1 and DB2.
- ⇒ Minimize administrative effort to update the solution.

What should you recommend?

- A. two Azure SQL databases in an elastic pool
- B. two Azure SQL databases on different Azure SQL Database servers
- C. two Azure SQL databases on the same Azure SQL Database managed instance
- D. two SQL Server databases on an Azure virtual machine

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 11

Topic #: 3

[\[All AZ-304 Questions\]](#)

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

Name	Type	Location
VNET1	Virtual network	West US
Workspace1	Azure Log Analytics workspace	West US
storage1	Storage account	West US
storage2	Storage account	East US

You need to archive the diagnostic data for VNET1 for 365 days. The solution must minimize costs.

Where should you archive the data?

- A. Workspace1
- B. storage1
- C. storage2

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 12

Topic #: 3

[\[All AZ-304 Questions\]](#)

You plan to create an Azure Cosmos DB account that uses the SQL API. The account will contain data added by a web application. The web application will send data daily.

You need to recommend a notification solution that meets the following requirements:

- ⇒ Sends email notifications when data is received from the web application
- ⇒ Minimizes compute cost

What should you include in the recommendation?

- A. Deploy an Azure logic app that has a SendGrid connector configured to use an Azure Cosmos DB action.
- B. Deploy a function app that is configured to use the Consumption plan and an Azure Event Hubs binding.
- C. Deploy a function app that is configured to use the Consumption plan and a SendGrid binding.
- D. Deploy an Azure logic app that has a webhook configured to use a SendGrid action.

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 13

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You on-premises network contains a file server named Server1 that stores 500 GB of data.

You need to use Azure Data Factory to copy the data from Server1 to Azure Storage.

You add a new data factory.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

From Server1:

- Install an Azure File Sync agent.
- Install a self-hosted integration runtime.
- Install the File Server Resource Manager role service.

From the data factory:

- Create a pipeline.
- Create an import/export job.
- Provision an Azure-SQL Server Integration Services (SSIS) integration runtime.

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 14

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have an on-premises file server that stores 2 TB of data files.

You plan to move the data files to Azure Blob storage in the Central Europe region.

You need to recommend a storage account type to store the data files and a replication solution for the storage account. The solution must meet the following requirements:

- ⇒ Be available if a single Azure datacenter fails.
- ⇒ Support storage tiers.
- ⇒ Minimize cost.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Account type:

	▼
Blob storage	
Storage (general purpose v1)	
StorageV2 (general purpose v2)	

Replication solution:

	▼
Geo-redundant storage (GRS)	
Zone-redundant storage (ZRS)	
Locally-redundant storage (LRS)	
Read-access geo-redundant storage (RA-GRS)	

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 15

Topic #: 3

[\[All AZ-304 Questions\]](#)

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.

You are designing an Azure solution for a company that has four departments. Each department will deploy several Azure app services and Azure SQL databases.

You need to recommend a solution to report the costs for each department to deploy the app services and the databases. The solution must provide a consolidated view for cost reporting that displays cost broken down by department.

Solution: Create a resource group for each resource type. Assign tags to each resource group.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 16

Topic #: 3

[\[All AZ-304 Questions\]](#)

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.

You are designing an Azure solution for a company that has four departments. Each department will deploy several Azure app services and Azure SQL databases.

You need to recommend a solution to report the costs for each department to deploy the app services and the databases. The solution must provide a consolidated view for cost reporting that displays cost broken down by department.

Solution: Create a new subscription for each department.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 17

Topic #: 3

[\[All AZ-304 Questions\]](#)

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.

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You are designing an Azure solution for a company that has four departments. Each department will deploy several Azure app services and Azure SQL databases.

You need to recommend a solution to report the costs for each department to deploy the app services and the databases. The solution must provide a consolidated view for cost reporting that displays cost broken down by department.

Solution: Place all resources in the same resource group. Assign tags to each resource.

Does the solution meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 18

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have an Azure SQL database named DB1.

You need to recommend a data security solution for DB1. The solution must meet the following requirements:

- ⇒ When helpdesk supervisors query DB1, they must see the full number of each credit card.
- ⇒ When helpdesk operators query DB1, they must see only the last four digits of each credit card number.
- ⇒ A column named Credit Rating must never appear in plain text within the database system, and only client applications must be able to decrypt the Credit Rating column.

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

Helpdesk requirements:

<input type="checkbox"/>	Always Encrypted
<input type="checkbox"/>	Azure Advanced Threat Protection (ATP)
<input type="checkbox"/>	Dynamic data masking
<input type="checkbox"/>	Transparent Data Encryption (TDE)

Credit Rating requirement:

<input type="checkbox"/>	Always Encrypted
<input type="checkbox"/>	Azure Advanced Threat Protection (ATP)
<input type="checkbox"/>	Dynamic data masking
<input type="checkbox"/>	Transparent Data Encryption (TDE)

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 19

Topic #: 3

[\[All AZ-304 Questions\]](#)

You are designing a data protection strategy for Azure virtual machines. All the virtual machines use managed disks.

You need to recommend a solution that meets the following requirements:

- ⇒ The use of encryption keys is audited.
- ⇒ All the data is encrypted at rest always.
- ⇒ You manage the encryption keys, not Microsoft.

What should you include in the recommendation?

- A. client-side encryption
- B. Azure Storage Service Encryption
- C. Azure Disk Encryption
- D. Encrypting File System (EFS)

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 20

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have an on-premises application named App1 that uses an Oracle database.

You plan to use Azure Databricks to transform and load data from App1 to an Azure Synapse Analytics instance.

You need to ensure that the App1 data is available to Databricks.

Which two Azure services should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Azure Data Box Gateway
- B. Azure Data Lake Storage
- C. Azure Import/Export service
- D. Azure Data Factory
- E. Azure Data Box Edge

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 21

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have 100 devices that write performance data to Azure Blob storage.

You plan to store and analyze the performance data in an Azure SQL database.

You need to recommend a solution to move the performance data to the SQL database.

What should you include in the recommendation?

- A. Azure Database Migration Service
- B. Azure Data Factory
- C. Azure Data Box
- D. Data Migration Assistant

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 22

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have a web application that uses a MongoDB database. You plan to migrate the web application to Azure.

You must migrate to Cosmos DB while minimizing code and configuration changes.

You need to design the Cosmos DB configuration.

What should you recommend? To answer, select the appropriate values in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Option	Value
MongoDB compatibility	<input type="text"/> Database API Collection Account
API	<input type="text"/> Cassandra API DocumentDB API Graph API MongoDB API Table API

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 23

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have 100 servers that run Windows Server 2012 R2 and host Microsoft SQL Server 2014 instances. The instances host databases that have the following characteristics:

- ⇒ The largest database is currently 3 TB. None of the databases will ever exceed 4 TB.
- ⇒ Stored procedures are implemented by using CLR.

You plan to move all the data from SQL Server to Azure.

You need to recommend an Azure service to host the databases. The solution must meet the following requirements:

- ⇒ Whenever possible, minimize management overhead for the migrated databases.
- ⇒ Minimize the number of database changes required to facilitate the migration.
- ⇒ Ensure that users can authenticate by using their Active Directory credentials.

What should you include in the recommendation?

- A. Azure SQL Database elastic pools
- B. Azure SQL Database Managed Instance
- C. Azure SQL Database single databases
- D. SQL Server 2016 on Azure virtual machines

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 24

Topic #: 3

[\[All AZ-304 Questions\]](#)

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.

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: For File1, you set Access tier to Hot.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 25

Topic #: 3

[\[All AZ-304 Questions\]](#)

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.

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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 add a new file share to the storage account.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 26

Topic #: 3

[\[All AZ-304 Questions\]](#)

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.

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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

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 27

Topic #: 3

[\[All AZ-304 Questions\]](#)

You are designing an order processing system in Azure that will contain the Azure resources shown in the following table.

Name	Type	Purpose
App1	Web app	Processes customer orders
Function1	Function	Check product availability at vendor 1
Function2	Function	Check product availability at vendor 2
storage1	Storage account	Stores order processing logs

The order processing system will have the following transaction flow:

- ⇒ A customer will place an order by using App1.
- ⇒ When the order is received, App1 will generate a message to check for product availability at vendor 1 and vendor 2.
- ⇒ An integration component will process the message, and then trigger either Function1 or Function2 depending on the type of order.
- ⇒ Once a vendor confirms the product availability, a status message for App1 will be generated by Function1 or Function2.
- ⇒ All the steps of the transaction will be logged to storage1.

Which type of resource should you recommend for the integration component?

- A. an Azure Data Factory pipeline
- B. an Azure Service Bus queue
- C. an Azure Event Grid domain
- D. an Azure Event Hubs capture

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 28

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have an existing implementation of Microsoft SQL Server Integration Services (SSIS) packages stored in an SSISDB catalog on your on-premises network.

The on-premises network does not have hybrid connectivity to Azure by using Site-to-Site VPN or ExpressRoute.

You want to migrate the packages to Azure Data Factory.

You need to recommend a solution that facilitates the migration while minimizing changes to the existing packages. The solution must minimize costs.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Store the SSISDB catalog by using:

Azure SQL Database
Azure Synapse Analytics
SQL Server on an Azure virtual machine
SQL Server on an on-premises computer

Implement a runtime engine for package execution by using:

Self-hosted integration runtime only
Azure-SQL Server Integration Services Integration Runtime (IR) only
Azure-SQL Server Integration Services Integration Runtime and self-hosted integration runtime

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 29

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have 70 TB of files on your on-premises file server.

You need to recommend solution for importing data to Azure. The solution must minimize cost.

What Azure service should you recommend?

- A. Azure StorSimple
- B. Azure Batch
- C. Azure Data Box
- D. Azure Stack Hub

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 30

Topic #: 3

[\[All AZ-304 Questions\]](#)

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.

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You are designing an Azure solution for a company that has four departments. Each department will deploy several Azure app services and Azure SQL databases.

You need to recommend a solution to report the costs for each department to deploy the app services and the databases. The solution must provide a consolidated view for cost reporting that displays cost broken down by department.

Solution: Create a separate resource group for each department. Place the resources for each department in its respective resource group.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 31

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have an Azure subscription that contains 100 virtual machines.

You plan to design a data protection strategy to encrypt the virtual disks.

You need to recommend a solution to encrypt the disks by using Azure Disk Encryption. The solution must provide the ability to encrypt operating system disks and data disks.

What should you include in the recommendation?

- A. a certificate
- B. a key
- C. a passphrase
- D. a secret

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 32

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have data files in Azure Blob storage.

You plan to transform the files and move them to Azure Data Lake Storage.

You need to transform the data by using mapping data flow.

Which Azure service should you use?

- A. Azure Data Box Gateway
- B. Azure Storage Sync
- C. Azure Data Factory
- D. Azure Databricks

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 33

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You plan to develop a new app that will store business critical data. The app must meet the following requirements:

- ⇒ Prevent new data from being modified for one year.
- ⇒ Minimize read latency.
- ⇒ Maximize data resiliency.

You need to recommend a storage solution for the app.

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

Hot Area:

Answer Area

Azure Storage account kind:

	▼
StorageV2	
BlobStorage	
BlockBlobStorage	

Replication:

	▼
Zone-redundant storage (ZRS)	
Locally-redundant storage (LRS)	
Read-access geo-redundant storage (RA-GRS)	

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 34

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have an application named App1. App1 generates log files that must be archived for five years. The log files must be readable by App1 but must not be modified. Which storage solution should you recommend for archiving?

- A. Ingest the log files into an Azure Log Analytics workspace
- B. Use an Azure Blob storage account and a time-based retention policy
- C. Use an Azure Blob storage account configured to use the Archive access tier
- D. Use an Azure file share that has access control enabled

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 35

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have 100 Microsoft SQL Server Integration Services (SSIS) packages that are configured to use 10 on-premises SQL Server databases as their destinations. You plan to migrate the 10 on-premises databases to Azure SQL Database.

You need to recommend a solution to host the SSIS packages in Azure. The solution must ensure that the packages can target the SQL Database instances as their destinations.

What should you include in the recommendation?

- A. SQL Server Migration Assistant (SSMA)
- B. Data Migration Assistant
- C. Azure Data Catalog
- D. Azure Data Factory

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 36

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You are planning an Azure Storage solution for sensitive data. 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.

Hot Area:

Answer Area

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	

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 37

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have an Azure subscription. The subscription contains an app that is hosted in the East US, Central Europe, and East Asia regions.

You need to recommend a data-tier solution for the app. The solution must meet the following requirements:

- ⇒ Support multiple consistency levels.
- ⇒ Be able to store at least 1 TB of data.
- ⇒ Be able to perform read and write operations in the Azure region that is local to the app instance.

What should you include in the recommendation?

- A. an Azure Cosmos DB database
- B. a Microsoft SQL Server Always On availability group on Azure virtual machines
- C. an Azure SQL database in an elastic pool
- D. Azure Table storage that uses geo-redundant storage (GRS) replication

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 38

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have an Azure subscription.

Your on-premises network contains a file server named Server1. Server1 stores 5 TB of company files that are accessed rarely.

You plan to copy the files to Azure Storage.

You need to implement a storage solution for the files that meets the following requirements:

- ⇒ The files must be available within 24 hours of being requested.
- ⇒ Storage costs must be minimized.

Which two possible storage solutions achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Create a general-purpose v1 storage account. Create a blob container and copy the files to the blob container.
- B. Create a general-purpose v2 storage account that is configured for the Hot default access tier. Create a blob container, copy the files to the blob container, and set each file to the Archive access tier.
- C. Create a general-purpose v1 storage account. Create a file share in the storage account and copy the files to the file share.
- D. Create a general-purpose v2 storage account that is configured for the Cool default access tier. Create a file share in the storage account and copy the files to the file share.
- E. Create an Azure Blob storage account that is configured for the Cool default access tier. Create a blob container, copy the files to the blob container, and set each file to the Archive access tier.

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 39

Topic #: 3

[\[All AZ-304 Questions\]](#)

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 Monitor Logs
- C. Azure Backup
- D. Azure Storage

[Show Suggested Answer](#)





Actual exam question from Microsoft's AZ-304

Question #: 40

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have an Azure subscription that contains an Azure SQL database.

You are evaluating whether to use Azure reservations on the Azure SQL database.

Which tool should you use to estimate the potential savings?

- A. The Purchase reservations blade in the Azure portal
- B. The Advisor blade in the Azure portal
- C. The SQL database blade in the Azure portal

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 41

Topic #: 3

[\[All AZ-304 Questions\]](#)

HOTSPOT -

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

Name	Type	Performance
storage1	StorageV2	Standard
storage2	StorageV2	Premium
storage3	BlobStorage	Standard
storage4	FileStorage	Premium

You plan to implement two new apps that have the requirements shown in the following table.

Name	Requirement
App1	Use lifecycle management to migrate app data between storage tiers
App2	Store app data in an Azure file share

Which storage accounts should you recommend using for each app? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

App1:

- Storage1 and storage2 only
- Storage1 and storage3 only
- Storage1, storage2, and storage3 only
- Storage1, storage2, storage3, and storage4

App2:

- Storage4 only
- Storage1 and storage4 only
- Storage1, storage2, and storage4 only
- Storage1, storage2, storage3, and storage4

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 42

Topic #: 3

[\[All AZ-304 Questions\]](#)

You have an Azure subscription that contains an Azure SQL database.

You plan to use Azure reservations on the Azure SQL database.

To which resource type will the reservation discount be applied?

- A. vCore compute
- B. DTU compute
- C. Storage
- D. License

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 43

Topic #: 3

[\[All AZ-304 Questions\]](#)

You are designing an Azure Cosmos DB solution that will host multiple writable replicas in multiple Azure regions.

You need to recommend the strongest database consistency level for the design. The solution must meet the following requirements:

- ⇒ Provide a latency-based Service Level Agreement (SLA) for writes.
- ⇒ Support multiple regions.

Which consistency level should you recommend?

- A. bounded staleness
- B. strong
- C. session
- D. consistent prefix

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 1

Topic #: 4

[\[All AZ-304 Questions\]](#)

DRAG DROP -

Your company identifies the following business continuity and disaster recovery objectives for virtual machines that host sales, finance, and reporting applications in the company's on-premises data center:

- ⇒ The sales application must be able to fail over to a second on-premises data center.
- ⇒ The finance application requires that data be retained for seven years. In the event of a disaster, the application must be able to run from Azure. The recovery time objective (RTO) is 10 minutes.
- ⇒ The reporting application must be able to recover point-in-time data at a daily granularity. The RTO is eight hours.

You need to recommend which Azure services meet the business continuity and disaster recovery objectives. The solution must minimize costs.

What should you recommend for each application? To answer, drag the appropriate services to the correct applications. 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

Azure Backup only

Azure Site Recovery only

Azure Site Recovery and Azure Backup

Answer Area

Sales:

Service or Services

Finance:

Service or Services

Reporting:

Service or Services

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 2

Topic #: 4

[\[All AZ-304 Questions\]](#)

You have an Azure Storage v2 account named storage1.

You plan to archive data to storage1.

You need to ensure that the archived data cannot be deleted for five years. The solution must prevent administrators from deleting the data.

What should you do?

- A. You create an Azure Blob storage container, and you configure a legal hold access policy.
- B. You create a file share and snapshots.
- C. You create a file share, and you configure an access policy.
- D. You create an Azure Blob storage container, and you configure a time-based retention policy and lock the policy.

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 3

Topic #: 4

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You plan to deploy the backup policy shown in the following exhibit.

Policy1

Associated items Delete Save Discard

Backup schedule

* Frequency * Time * Timezone

Instant Restore

Retain instant recovery snapshot(s) for

Retention range

Retention of daily backup point.

* At For

Retention of weekly backup point.

* On * At For

Retention of monthly backup point.

Week Based Day Based

* On * Day * At For

Retention of yearly backup point.

Not Configured

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Virtual machines that are backed up by using the policy can be recovered for up to a maximum of **[answer choice]**.

-
- 90 days
- 26 weeks
- 36 months
- 45 months

The minimum recovery point objective (RPO) for virtual machines that are backed up by using the policy is **[answer choice]**.

-
- 1 hour
- 1 day
- 1 week
- 1 month
- 1 year

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 4

Topic #: 4

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have an Azure web app named App1 and an Azure key vault named KV1.

App1 stores database connection strings in KV1.

App1 performs the following types of requests to KV1:

- ⇒ Get
- ⇒ List
- ⇒ Wrap
- ⇒ Delete
- ⇒ Unwrap
- ⇒ Backup
- ⇒ Decrypt
- ⇒ Encrypt

You are evaluating the continuity of service for App1.

You need to identify the following if the Azure region that hosts KV1 becomes unavailable:

- ⇒ To where will KV1 fail over?
- ⇒ During the failover, which request type will be unavailable?

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

To where will KV1 fail over?

<input type="text"/>
A server in the same Availability Set
A server in the same fault domain
A server in the same paired region
A virtual machine in a scale set

During the failover, which request type will be unavailable?

<input type="text"/>
Backup
Decrypt
Delete
Encrypt
Get
List
Unwrap
Wrap

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 5

Topic #: 4

[\[All AZ-304 Questions\]](#)




You have an Azure Storage account that contains the data shown in the following exhibit.

[Upload](#) [Refresh](#) [Change access level](#) [Delete](#) [Acquire lease](#) [Break lease](#) [More](#)

Authentication method: Access key ([Switch to Azure AD User Account](#))

Location: container1

Show deleted blobs

NAME	MODIFIED	ACCESS TIER	BLOB TYPE	SIZE	LEASE STATE	
 File1.bin	5/4/2019, 5:57:06 PM	Cool (Inferred)	Block blob	1.25 GiB	Available	...
 File2.bin	5/4/2019, 6:09:57 PM	Hot	Block blob	2.5 GiB	Available	...
 File3.bin	5/4/2019, 6:26:26 PM	Archive	Block blob	1.97 GiB	Available	...

praw/09526

You need to identify which files can be accessed immediately from the storage account.

Which files should you identify?

- A. File1.bin only
- B. File2.bin only
- C. File3.bin only
- D. File1.bin and File2.bin only
- E. File1.bin, File2.bin, and File3.bin

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 6

Topic #: 4

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You have a virtual machine scale set named SS1.

You configure autoscaling as shown in the following exhibit.

Default Profile1 ✕

Delete warning ❗ The very last or default recurrence rule cannot be deleted. Instead, you can disable autoscale to turn off autoscale.

Scale mode Scale based on a metric Scale to a specific instance count

Scale out

When	SS1	(Average) Percentage CPU > 75	Increase instance count by 3
Scale in			
When	SS1	(Average) Percentage CPU < 25	Decrease instance count by 2

[+ Add a rule](#)

Instance limits

Minimum ⓘ	Maximum ⓘ	Default ⓘ
<input type="text" value="3"/>	<input type="text" value="15"/>	<input type="text" value="6"/>

Schedule **This scale condition is executed when non of the other scale condition(s) match**

You configure the scale out and scale in rules to have a duration of 10 minutes and a cool down time of 10 minutes.

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

If SS1 scales to nine virtual machines, what is the minimum amount of time before SS1 will scale out?

▼

10 minutes
20 minutes
30 minutes
60 minutes

If SS1 scales to nine virtual machines, and then the average processor utilization is 30 percent for one hour, how many virtual machines will be in SS1?

▼

1
3
6
9
12
15

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 7

Topic #: 4

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You plan to create a storage account and to save the files as shown in the exhibit.

The screenshot shows the Azure Storage Explorer interface for a container named 'uneditedmedia'. The breadcrumb path is 'Home > Storage accounts > videostorageacc - Blobs > uneditedmedia'. The container name 'uneditedmedia' is displayed at the top. Below the name, there is a search bar and a list of actions: Upload, Refresh, Delete, Acquire lease, Break lease, View snapshots, and Create snapshot. The location is 'uneditedmedia'. There is another search bar for blobs by prefix (case-sensitive) and a checkbox for 'Show deleted blobs'. A table lists the blobs in the container:

NAME	MODIFIED	ACCESS TIER	BLOB TYPE	SIZE	LEASE STATE
rawfootage.avi	8/24/2018, 12:48:41 PM	Archive	Block blob	24.75 MB	Available

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

To access the files, you must **[answer choice]**.

▼

- generate a snapshot
- modify the access tier
- modify the blob type

The files will be stored **[answer choice]**.

▼

- at the highest storage cost
- at the lowest data retrieval cost
- at the lowest storage cost

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 8

Topic #: 4

[\[All AZ-304 Questions\]](#)

HOTSPOT -

You need to recommend an Azure Storage account configuration for two applications named Application1 and Application2. The configuration must meet the following requirements:

- ⇒ Storage for Application1 must provide the highest possible transaction rates and the lowest possible latency.
- ⇒ Storage for Application2 must provide the lowest possible storage costs per GB.
- ⇒ Storage for both applications must be optimized for uploads and downloads.
- ⇒ Storage for both applications must be available in an event of datacenter failure.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Application1:

<input type="checkbox"/>	BlobStorage with Standard performance, Hot access tier, and Read-access geo-redundant storage (RA-GRS) replication
<input type="checkbox"/>	BlockBlobStorage with Premium performance and Zone-redundant storage (ZRS) replication
<input type="checkbox"/>	General purpose v1 with Premium performance and Locally-redundant storage (LRS) replication
<input type="checkbox"/>	General purpose v2 with Standard performance, Hot access tier, and Locally-redundant storage (LRS) replication

Application2:

<input type="checkbox"/>	BlobStorage with Standard performance, Cool access tier, and Geo-redundant storage (GRS) replication
<input type="checkbox"/>	BlockBlobStorage with Premium performance and Zone-redundant storage (ZRS) replication
<input type="checkbox"/>	General purpose v1 with Standard performance and Read-access geo-redundant storage (RA-GRS) replication
<input type="checkbox"/>	General purpose v2 with Standard performance, Cool access tier, and Read-access geo-redundant storage (RA-GRS) replication

Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 9

Topic #: 4

[\[All AZ-304 Questions\]](#)

Your company has 300 virtual machines hosted in a VMware environment. The virtual machines vary in size and have various utilization levels.

You plan to move all the virtual machines to Azure.

You need to recommend how many and what size Azure virtual machines will be required to move the current workloads to Azure. The solution must minimize administrative effort.

What should you use to make the recommendation?

- A. Azure Pricing calculator
- B. Azure Cost Management
- C. Azure Advisor
- D. Azure Migrate

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 10

Topic #: 4

[\[All AZ-304 Questions\]](#)

Your company purchases an app named App1.

You plan to run App1 on seven Azure virtual machines in an Availability Set. The number of fault domains is set to 3. The number of update domains is set to 20.

You need to identify how many App1 instances will remain available during a period of planned maintenance.

How many App1 instances should you identify?

- A. 1
- B. 2
- C. 6
- D. 7

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 11

Topic #: 4

[\[All AZ-304 Questions\]](#)

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.

You have an Azure Storage v2 account named storage1.

You plan to archive data to storage1.

You need to ensure that the archived data cannot be deleted for five years. The solution must prevent administrators from deleting the data.

Solution: You create an Azure Blob storage container, and you configure a legal hold access policy.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 12

Topic #: 4

[\[All AZ-304 Questions\]](#)

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.

You have an Azure Storage v2 account named storage1.

You plan to archive data to storage1.

You need to ensure that the archived data cannot be deleted for five years. The solution must prevent administrators from deleting the data.

Solution: You create a file share and snapshots.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 13

Topic #: 4

[\[All AZ-304 Questions\]](#)

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.

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You plan to archive data to storage1.

You need to ensure that the archived data cannot be deleted for five years. The solution must prevent administrators from deleting the data.

Solution: You create a file share, and you configure an access policy.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 14

Topic #: 4

[\[All AZ-304 Questions\]](#)

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.

You have an on-premises Hyper-V cluster that hosts 20 virtual machines. Some virtual machines run Windows Server 2016 and some run Linux.

You plan to migrate the virtual machines to an Azure subscription.

You need to recommend a solution to replicate the disks of the virtual machines to Azure. The solution must ensure that the virtual machines remain available during the migration of the disks.

Solution: You recommend implementing an Azure Storage account, and then running AzCopy.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 15

Topic #: 4

[\[All AZ-304 Questions\]](#)

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.

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You have an on-premises Hyper-V cluster that hosts 20 virtual machines. Some virtual machines run Windows Server 2016 and some run Linux.

You plan to migrate the virtual machines to an Azure subscription.

You need to recommend a solution to replicate the disks of the virtual machines to Azure. The solution must ensure that the virtual machines remain available during the migration of the disks.

Solution: You recommend implementing an Azure Storage account that has a file service and a blob service, and then using the Data Migration Assistant.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 16

Topic #: 4

[\[All AZ-304 Questions\]](#)

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.

You have an on-premises Hyper-V cluster that hosts 20 virtual machines. Some virtual machines run Windows Server 2016 and some run Linux.

You plan to migrate the virtual machines to an Azure subscription.

You need to recommend a solution to replicate the disks of the virtual machines to Azure. The solution must ensure that the virtual machines remain available during the migration of the disks.

Solution: You recommend implementing a Recovery Services vault, and then using Azure Site Recovery.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 17

Topic #: 4

[\[All AZ-304 Questions\]](#)

You are designing a storage solution that will use Azure Blob storage. The data will be stored in a cool access tier or an archive access tier based on the access patterns of the data.

You identify the following types of infrequently accessed data:

- ⇒ Telemetry data: Deleted after two years
- ⇒ Promotional material: Deleted after 14 days
- ⇒ Virtual machine audit data: Deleted after 200 days

A colleague recommends using the archive access tier to store the data.

Which statement accurately describes the recommendation?

- A. Storage costs will be based on a minimum of 30 days.
- B. Access to the data is guaranteed within five minutes.
- C. Access to the data is guaranteed within 30 minutes.
- D. Storage costs will be based on a minimum of 180 days.

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 18

Topic #: 4

[\[All AZ-304 Questions\]](#)

You are planning to deploy an application named App1 that will run in containers on Azure Kubernetes Service (AKS) clusters. The AKS clusters will be distributed across four Azure regions.

You need to recommend a storage solution for App1. Updated container images must be replicated automatically to all the AKS clusters.

Which storage solution should you recommend?

- A. Azure Cache for Redis
- B. Azure Content Delivery Network (CDN)
- C. Premium SKU Azure Container Registry
- D. geo-redundant storage (GRS) accounts

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 19

Topic #: 4

[\[All AZ-304 Questions\]](#)

You have an on-premises network and an Azure subscription. The on-premises network has several branch offices.

A branch office in Toronto contains a virtual machine named VM1 that is configured as a file server. Users access the shared files on VM1 from all the offices.

You need to recommend a solution to ensure that the users can access the shared files as quickly as possible if the Toronto branch office is inaccessible.

What should you include in the recommendation?

- A. an Azure file share and Azure File Sync
- B. a Recovery Services vault and Windows Server Backup
- C. a Recovery Services vault and Azure Backup
- D. Azure blob containers and Azure File Sync

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 20

Topic #: 4

[\[All AZ-304 Questions\]](#)

DRAG DROP -

The developers at your company are building a static web app to support users sending text messages. The app must meet the following requirements:

- ⇒ Website latency must be consistent for users in different geographical regions.
- ⇒ Users must be able to authenticate by using Twitter and Facebook.
- ⇒ Code must include only HTML, native JavaScript, and jQuery.
- ⇒ Costs must be minimized.

Which Azure service should you use to complete the architecture? 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

Azure App Service plan (Basic)

Azure Content Delivery Network (CDN)

Azure Front Door

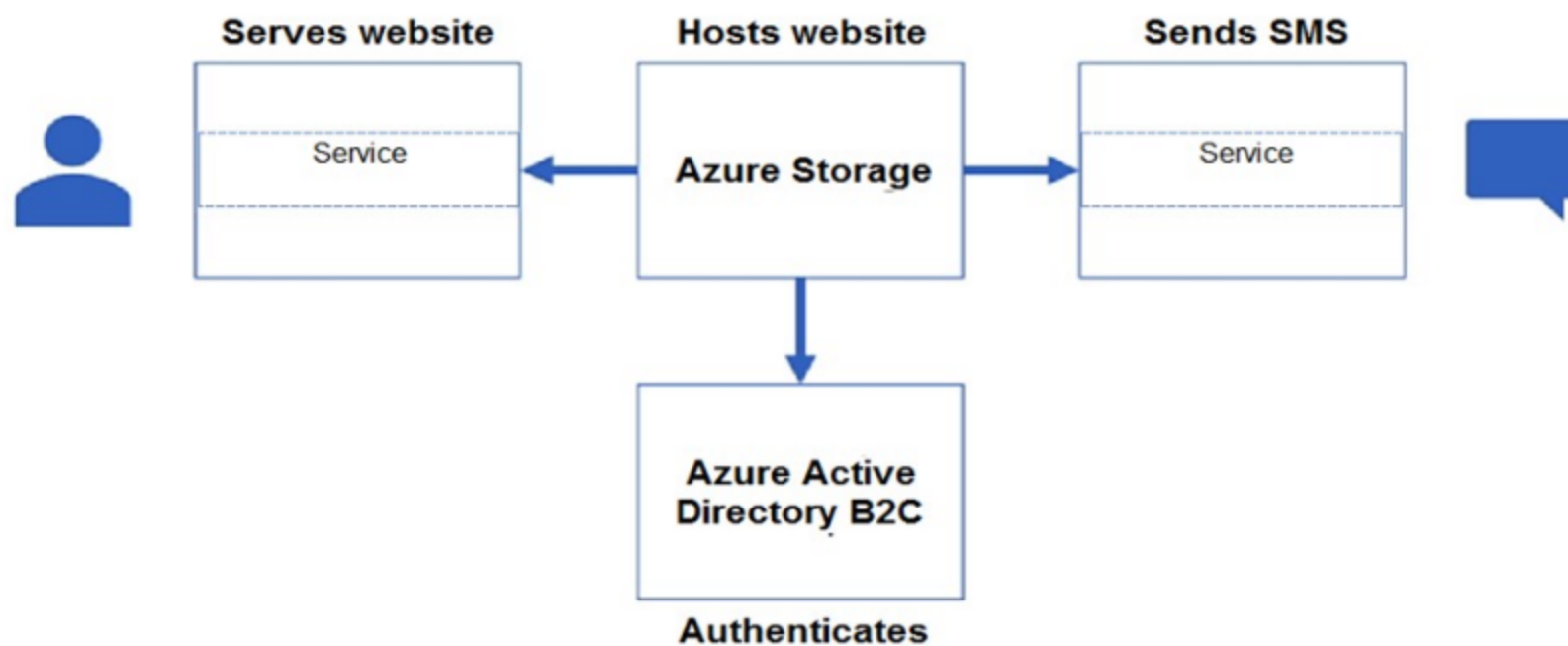
Azure Functions

Azure Logic Apps

Azure SQL Database

Azure virtual machine

Answer Area



Show Suggested Answer

Actual exam question from Microsoft's AZ-304

Question #: 21

Topic #: 4

[\[All AZ-304 Questions\]](#)

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 Database Serverless
- C. Azure SQL Database Business Critical
- D. Azure SQL Database Basic

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 22

Topic #: 4

[\[All AZ-304 Questions\]](#)

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.

You have an on-premises Hyper-V cluster that hosts 20 virtual machines. Some virtual machines run Windows Server 2016 and some run Linux.

You plan to migrate the virtual machines to an Azure subscription.

You need to recommend a solution to replicate the disks of the virtual machines to Azure. The solution must ensure that the virtual machines remain available during the migration of the disks.

Solution: You recommend implementing an Azure Storage account, and then using Azure Migrate.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 23

Topic #: 4

[\[All AZ-304 Questions\]](#)

The accounting department at your company migrates to a new financial accounting software. The accounting department must keep file-based database backups for seven years for compliance purposes. It is unlikely that the backups will be used to recover data.

You need to move the backups to Azure. The solution must minimize costs.

Where should you store the backups?

- A. Azure Blob storage that uses the Archive tier
- B. Azure SQL Database
- C. Azure Blob storage that uses the Cool tier
- D. a Recovery Services vault

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 24

Topic #: 4

[\[All AZ-304 Questions\]](#)

Your company has offices in the United States, Europe, Asia, and Australia.

You have an on-premises app named App1 that uses Azure Table storage. Each office hosts a local instance of App1.

You need to upgrade the storage for App1. The solution must meet the following requirements:

- ⇒ Enable simultaneous write operations in multiple Azure regions.
- ⇒ Ensure that write latency is less than 10 ms.
- ⇒ Support indexing on all columns.

Minimize development effort.

•

Which data platform should you use?

- A. Azure SQL Database
- B. Azure SQL Managed Instance
- C. Azure Cosmos DB
- D. Table storage that uses geo-zone-redundant storage (GZRS) replication

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 25

Topic #: 4

[\[All AZ-304 Questions\]](#)

You plan to deploy 10 applications to Azure. The applications will be deployed to two Azure Kubernetes Service (AKS) clusters. Each cluster will be deployed to a separate Azure region.

The application deployment must meet the following requirements:

- ⇒ Ensure that the applications remain available if a single AKS cluster fails.
- ⇒ Ensure that the connection traffic over the internet is encrypted by using SSL without having to configure SSL on each container.

Which Azure service should you include in the recommendation?

- A. AKS ingress controller
- B. Azure Load Balancer
- C. Azure Traffic Manager
- D. Azure Front Door

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 26

Topic #: 4

[\[All AZ-304 Questions\]](#)

You have an Azure web app that uses an Azure key vault named KeyVault1 in the West US Azure region.

You are designing a disaster recovery plan for KeyVault1.

You plan to back up the keys in KeyVault1.

You need to identify to where you can restore the backup.

What should you identify?

- A. KeyVault1 only
- B. the same region only
- C. the same geography only
- D. any region worldwide

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 27

Topic #: 4

[\[All AZ-304 Questions\]](#)

You plan to archive 10 TB of on-premises data files to Azure.

You need to recommend a data archival solution. The solution must minimize the cost of storing the data files.

Which Azure Storage account type should you include in the recommendation?

- A. Standard StorageV2 (general purpose v2)
- B. Standard Storage (general purpose v1)
- C. Premium StorageV2 (general purpose v2)
- D. Premium Storage (general purpose v1)

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 28

Topic #: 4

[\[All AZ-304 Questions\]](#)

Your network contains an on-premises Active Directory domain. The domain contains the Hyper-V clusters shown in the following table.

Name	Number of nodes	Number of virtual machines running on cluster
Cluster1	4	2
Cluster2	3	15

You plan to implement Azure Site Recovery to protect six virtual machines running on Cluster1 and three virtual machines running on Cluster2. Virtual machines are running on all Cluster1 and Cluster2 nodes.

You need to identify the minimum number of Azure Site Recovery Providers that must be installed on premises.

How many Providers should you identify?

- A. 1
- B. 7
- C. 9
- D. 16

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 29

Topic #: 4

[\[All AZ-304 Questions\]](#)

You plan to move a web application named App1 from an on-premises data center to Azure.

App1 depends on a custom COM component that is installed on the host server.

You need to recommend a solution to host App1 in Azure. The solution must meet the following requirements:

- ⇒ App1 must be available to users if an Azure data center becomes unavailable.
- ⇒ Costs must be minimized.

What should you include in the recommendation?

- A. In two Azure regions, deploy a load balancer and a virtual machine scale set.
- B. In two Azure regions, deploy a Traffic Manager profile and a web app.
- C. In two Azure regions, deploy a load balancer and a web app.
- D. Deploy a load balancer and a virtual machine scale set across two availability zones.

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 30

Topic #: 4

[\[All AZ-304 Questions\]](#)

HOTSPOT -

Your company has two on-premises sites in New York and Los Angeles and Azure virtual networks in the East US Azure region and the West US Azure region.

Each on-premises site has Azure ExpressRoute Global Reach circuits to both regions.

You need to recommend a solution that meets the following requirements:

- ⇒ Outbound traffic to the Internet from workloads hosted on the virtual networks must be routed through the closest available on-premises site.
- ⇒ If an on-premises site fails, traffic from the workloads on the virtual networks to the Internet must reroute automatically to the other site.

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

Routing from the virtual networks to the on-premises locations must be configured by using:

<input type="checkbox"/>	Azure default routes
<input type="checkbox"/>	Border Gateway Protocol (BGP)
<input type="checkbox"/>	User-defined routes

The automatic routing configuration following a failover must be handled by using:

<input type="checkbox"/>	Border Gateway Protocol (BGP)
<input type="checkbox"/>	Hot Standby Routing Protocol (HSRP)
<input type="checkbox"/>	Virtual Router Redundancy Protocol (VRRP)

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 1

Topic #: 5

[\[All AZ-304 Questions\]](#)

You need to design a solution that will execute custom C# code in response to an event routed to Azure Event Grid. The solution must meet the following requirements:

- ⇒ The executed code must be able to access the private IP address of a Microsoft SQL Server instance that runs on an Azure virtual machine.
- ⇒ Costs must be minimized.

What should you include in the solution?

- A. Azure Logic Apps in the integrated service environment
- B. Azure Functions in the Dedicated plan and the Basic Azure App Service plan
- C. Azure Logic Apps in the Consumption plan
- D. Azure Functions in the Consumption plan

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 2

Topic #: 5

[\[All AZ-304 Questions\]](#)

The developers at your company are building a containerized Python Django app.

You need to recommend platform to host the app. The solution must meet the following requirements:

Support autoscaling.

-
- ⇒ Support continuous deployment from an Azure Container Registry.
- ⇒ Provide built-in functionality to authenticate app users by using Azure Active Directory (Azure AD).

Which platform should you include in the recommendation?

- A. Azure Container instances
- B. an Azure App Service instance that uses containers
- C. Azure Kubernetes Service (AKS)

Show Suggested Answer



Actual exam question from Microsoft's AZ-304

Question #: 3

Topic #: 5

[\[All AZ-304 Questions\]](#)

You have an on-premises network to which you deploy a virtual appliance.

You plan to deploy several Azure virtual machines and connect the on-premises network to Azure by using a Site-to-Site connection.

All network traffic that will be directed from the Azure virtual machines to a specific subnet must flow through the virtual appliance.

You need to recommend solutions to manage network traffic.

Which two options should you recommend? Each correct answer presents a complete solution.

- A. Configure Azure Traffic Manager.
- B. Implement Azure ExpressRoute.
- C. Configure a routing table.
- D. Implement an Azure virtual network.

Show Suggested Answer





Actual exam question from Microsoft's AZ-304

Question #: 4

Topic #: 5

[\[All AZ-304 Questions\]](#)

You are developing a sales application that will contain several Azure cloud services and will 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 REST messages.

What should you include in the recommendation?

- A. Azure Service Bus
- B. Azure Data Lake
- C. Azure Traffic Manager
- D. Azure Application Gateway

Show Suggested Answer

