

topic 1 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 1

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

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. In Azure Active Directory (Azure AD), create an access review of Application1. Most Voted

B. Create an Azure Automation runbook that runs the Get-AzRoleAssignment cmdlet.

C. In Azure Active Directory (Azure AD) Privileged Identity Management, create a custom role assignment for the Application1 resources.

D. Create an Azure Automation runbook that runs the Get-AzureADUserAppRoleAssignment cmdlet.

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (100%)

topic 1 question 2 discussion

Actual exam question from Microsoft's AZ-305

Question #: 2

Topic #: 1

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

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. shared access signatures (SAS) Most Voted
- B. Conditional Access policies
- C. certificates
- D. access keys

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (100%)

by  Eltooth at Dec. 10, 2021, 5:18 a.m.

topic 1 question 3 discussion

Actual exam question from Microsoft's AZ-305

Question #: 3

Topic #: 1

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

You have an Azure Active Directory (Azure AD) tenant that syncs with an on-premises Active Directory domain.

You have an internal web app named WebApp1 that is hosted on-premises. WebApp1 uses Integrated Windows authentication.

Some users work remotely and do NOT have VPN access to the on-premises network.

You need to provide the remote users with single sign-on (SSO) access to WebApp1.

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 AD Application Proxy Most Voted

B. Azure AD Privileged Identity Management (PIM)

C. Conditional Access policies

D. Azure Arc

E. Azure AD enterprise applications Most Voted

F. Azure Application Gateway

[Hide Answer](#)

Suggested Answer: AE 

Community vote distribution

AE (98%)

2

topic 1 question 4 discussion

Actual exam question from Microsoft's AZ-305

Question #: 4

Topic #: 1

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

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. Implement Azure AD Identity Protection.
- B. Change the Membership type of Group1 to Dynamic User.
- C. Create an access review. **Most Voted**
- D. Implement Azure AD Privileged Identity Management (PIM).

Hide Answer

Suggested Answer: C 

Community vote distribution

C (97%)

3%

topic 1 question 5 discussion

Actual exam question from Microsoft's AZ-305

Question #: 5

Topic #: 1

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

HOTSPOT -

You plan to deploy Azure Databricks to support a machine learning application. Data engineers will mount an Azure Data Lake Storage account to the Databricks file system. Permissions to folders are granted directly to the data engineers.

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

- ⇒ Ensure that the data engineers can only access folders to which they have permissions.
- ⇒ Minimize development effort.
- ⇒ 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

Databricks SKU:

Premium	▼
Standard	

Cluster configuration:

Credential passthrough	▼
Managed identities	
MLflow	
A runtime that contains Photon	
Secret scope	

[Hide Answer](#)

Suggested Answer:

Answer Area

Databricks SKU:

Premium	▼
Standard	

Cluster configuration:

Credential passthrough	▼
Managed identities	
MLflow	
A runtime that contains Photon	
Secret scope	

Box 1: Premium -

Premium Databricks SKU is required for credential passthrough.

Box 2: Credential passthrough -

Authenticate automatically to Azure Data Lake Storage Gen1 (ADLS Gen1) and Azure Data Lake Storage Gen2 (ADLS Gen2) from Azure Databricks clusters using the same Azure Active Directory (Azure AD) identity that you use to log into Azure Databricks. When you enable Azure Data Lake Storage credential passthrough for your cluster, commands that you run on that cluster can read and write data in Azure Data Lake Storage without requiring you to configure service principal credentials for access to storage.

Reference:

<https://docs.microsoft.com/en-us/azure/databricks/security/credential-passthrough/adls-passthrough>

topic 1 question 6 discussion

Actual exam question from Microsoft's AZ-305

Question #: 6

Topic #: 1

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

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.

NOTE: Each correct selection is worth one point.

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

[Hide Answer](#)

Suggested Answer:

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

Box 1: An Azure AD app registration

Azure active directory (AD) provides cloud based directory and identity management services. You can use azure AD to manage users of your application and authenticate access to your applications using azure active directory.

You register your application with Azure active directory tenant.

Box 2: A conditional access policy

Conditional Access policies at their simplest are if-then statements, if a user wants to access a resource, then they must complete an action.

By using Conditional Access policies, you can apply the right access controls when needed to keep your organization secure and stay out of your user's way when not needed.

Reference:

<https://codingcanvas.com/using-azure-active-directory-authentication-in-your-web-application/>

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

topic 1 question 7 discussion

Actual exam question from Microsoft's AZ-305

Question #: 7

Topic #: 1

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

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company deploys several virtual machines on-premises and to Azure. ExpressRoute is deployed and configured for on-premises to Azure connectivity.

Several virtual machines exhibit network connectivity issues.

You need to analyze the network traffic to identify whether packets are being allowed or denied to the virtual machines.

Solution: Use Azure Traffic Analytics in Azure Network Watcher to analyze the network traffic.

Does this meet the goal?

A. Yes

B. No **Most Voted**

Hide Answer

Suggested Answer: B 📦

Community vote distribution

B (97%)

3%

topic 1 question 8 discussion

Actual exam question from Microsoft's AZ-305

Question #: 8

Topic #: 1

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

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company deploys several virtual machines on-premises and to Azure. ExpressRoute is deployed and configured for on-premises to Azure connectivity.

Several virtual machines exhibit network connectivity issues.

You need to analyze the network traffic to identify whether packets are being allowed or denied to the virtual machines.

Solution: Use Azure Advisor to analyze the network traffic.

Does this meet the goal?

A. Yes

B. No **Most Voted**

Hide Answer

Suggested Answer: B 🏆

Community vote distribution

B (100%)

topic 1 question 9 discussion

Actual exam question from Microsoft's AZ-305

Question #: 9

Topic #: 1

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

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company deploys several virtual machines on-premises and to Azure. ExpressRoute is deployed and configured for on-premises to Azure connectivity.

Several virtual machines exhibit network connectivity issues.

You need to analyze the network traffic to identify whether packets are being allowed or denied to the virtual machines.

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

Does this meet the goal?

A. Yes **Most Voted**

B. No

Hide Answer

Suggested Answer: A 🏆

Community vote distribution

A (100%)

topic 1 question 10 discussion

Actual exam question from Microsoft's AZ-305

Question #: 10

Topic #: 1

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

DRAG DROP -

You have an Azure subscription. The subscription contains Azure virtual machines that run Windows Server 2016 and Linux.

You need to use Azure Monitor to design an alerting strategy for security-related events.

Which Azure Monitor Logs tables should you query? To answer, drag the appropriate tables to the correct log types. Each table 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:

Tables

AzureActivity

AzureDiagnostics

Event

Syslog

Answer Area

Events from Windows event logs:

Table

Events from Linux system logging:

Table

[Hide Answer](#)

Suggested Answer:

Tables

AzureActivity

AzureDiagnostics

Event

Syslog

Answer Area

Events from Windows event logs:

Event

Events from Linux system logging:

Syslog

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/data-sources-windows-events>

<https://docs.microsoft.com/en-us/azure/azure-monitor/agents/data-sources-syslog>

topic 1 question 11 discussion

Actual exam question from Microsoft's AZ-305

Question #: 11

Topic #: 1

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

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. Azure Active Directory (Azure AD) administrative units

B. Azure Active Directory (Azure AD) tenants

C. subscriptions Most Voted

D. compute resources

E. resource groups Most Voted

F. management groups Most Voted

[Hide Answer](#)

Suggested Answer: CEF 

Community vote distribution

CEF (100%)

topic 1 question 12 discussion

Actual exam question from Microsoft's AZ-305

Question #: 12

Topic #: 1

[All AZ-305 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 features should you recommend be deployed and configured in sequence? To answer, move the appropriate features from the list of features to the answer area and arrange them in the correct order.

Select and Place:

Features	Answer Area
----------	-------------

a public Azure Load Balancer

a managed identity

an internal Azure Load Balancer



a Conditional Access policy

an Azure App Service plan

Azure AD Application Proxy

an Azure AD enterprise application

[Hide Answer](#)

Suggested Answer:

Features	Answer Area
----------	-------------

a public Azure Load Balancer

Azure AD Application Proxy

a managed identity

an Azure AD enterprise application

an internal Azure Load Balancer

a Conditional Access policy



an Azure App Service plan

Step 1: Azure AD Application Proxy

Start by enabling communication to Azure data centers to prepare your environment for Azure AD Application Proxy.

Step 2: an Azure AD enterprise application

Add an on-premises app to Azure AD.

Now that you've prepared your environment and installed a connector, you're ready to add on-premises applications to Azure AD.

1. Sign in as an administrator in the Azure portal.
2. In the left navigation panel, select Azure Active Directory.
3. Select Enterprise applications, and then select New application.
4. Etc.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-add-on-premises-application>

topic 1 question 13 discussion

Actual exam question from Microsoft's AZ-305

Question #: 13

Topic #: 1

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

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

What should you include in the recommendation?

- A. Azure Activity Log Most Voted
- B. Azure Advisor
- C. Azure Analysis Services
- D. Azure Monitor action groups

[Hide Answer](#)

Suggested Answer: A 🎉

Community vote distribution

A (100%)

by  Eltooth at Dec. 10, 2021, 5:29 a.m.

topic 1 question 14 discussion

Actual exam question from Microsoft's AZ-305

Question #: 14

Topic #: 1

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

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company deploys several virtual machines on-premises and to Azure. ExpressRoute is deployed and configured for on-premises to Azure connectivity.

Several virtual machines exhibit network connectivity issues.

You need to analyze the network traffic to identify whether packets are being allowed or denied to the virtual machines.

Solution: Install and configure the Azure Monitoring agent and the Dependency Agent on all the virtual machines. Use VM insights in Azure Monitor to analyze the network traffic.

Does this meet the goal?

A. Yes

B. No **Most Voted**

Hide Answer

Suggested Answer: B 🏆

Community vote distribution

B (100%)

topic 1 question 15 discussion

Actual exam question from Microsoft's AZ-305

Question #: 15

Topic #:

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

DRAG DROP -

You need to design an architecture to capture the creation of users and the assignment of roles. The captured data must be stored in Azure Cosmos DB.

Which services should you include in the design? To answer, drag the appropriate services to the correct targets. 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:

Azure Services

- Azure Event Grid
- Azure Event Hubs
- Azure Functions
- Azure Monitor Logs
- Azure Notification Hubs

Answer Area



Azure Active Directory audit log



Cosmos DB

[Hide Answer](#)

Suggested Answer:

Azure Services

- Azure Event Grid
- Azure Event Hubs
- Azure Functions
- Azure Monitor Logs
- Azure Notification Hubs

Answer Area



Azure Active Directory audit log



Cosmos DB

Box 1: Azure Event Hubs -

You can route Azure Active Directory (Azure AD) activity logs to several endpoints for long term retention and data insights.

The Event Hub is used for streaming.

Box 2: Azure Function -

Use an Azure Function along with a cosmos DB change feed, and store the data in Cosmos DB.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/reports-monitoring/concept-activity-logs-azure-monitor>

topic 1 question 16 discussion

Actual exam question from Microsoft's AZ-305

Question #: 16

Topic #: 1

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

Your company, named Contoso, Ltd., implements several Azure logic apps that have HTTP triggers.

The logic apps provide access to an on-premises web service.

Contoso establishes a partnership with another company named Fabrikam, Inc.

Fabrikam does not have an existing Azure Active Directory (Azure AD) tenant and uses third-party OAuth 2.0 identity management to authenticate its users.

Developers at Fabrikam plan to use a subset of the logic apps to build applications that will integrate with the on-premises web service of Contoso.

You need to design a solution to provide the Fabrikam developers with access to the logic apps. The solution must meet the following requirements:

- ⇒ Requests to the logic apps from the developers must be limited to lower rates than the requests from the users at Contoso.
- ⇒ The developers must be able to rely on their existing OAuth 2.0 provider to gain access to the logic apps.
- ⇒ The solution must NOT require changes to the logic apps.
- ⇒ The solution must NOT use Azure AD guest accounts.

What should you include in the solution?

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

[Hide Answer](#)

Suggested Answer: D 

Community vote distribution

D (100%)

topic 1 question 17 discussion

Actual exam question from Microsoft's AZ-305

Question #: 17

Topic #: 1

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

HOTSPOT -

You have an Azure subscription that contains 300 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:

- An event hub
- A Log Analytics workspace
- A search service
- A storage account

Configuration to perform on the virtual machines:

- Create event subscriptions
- Configure Continuous delivery
- Install the Azure Monitor agent**
- Modify the membership of the Event Log Readers group

[Hide Answer](#)

Suggested Answer:

Answer Area

Resource to create in Azure:

- An event hub
- A Log Analytics workspace**
- A search service
- A storage account

Configuration to perform on the virtual machines:

- Create event subscriptions
- Configure Continuous delivery
- Install the Azure Monitor agent**
- Modify the membership of the Event Log Readers group

Box 1: A Log Analytics workspace

Send resource logs to a Log Analytics workspace to enable the features of Azure Monitor Logs.

You must create a diagnostic setting for each Azure resource to send its resource logs to a Log Analytics workspace to use with Azure Monitor Logs.

Box 2: Install the Azure Monitor agent

Use the Azure Monitor agent if you need to:

Collect guest logs and metrics from any machine in Azure, in other clouds, or on-premises.

Manage data collection configuration centrally

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/essentials/resource-logs>

<https://docs.microsoft.com/en-us/azure/azure-monitor/agents/agents-overview#azure-monitor-agent>

topic 1 question 18 discussion

Actual exam question from Microsoft's AZ-305

Question #: 18

Topic #: 1

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

HOTSPOT -

You have several Azure App Service web apps that use Azure Key Vault to store data encryption keys. Several departments have the following requests to support the web app:

Department	Request
Security	<ul style="list-style-type: none">Review the 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 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 apps in the test environment.

Which service should you recommend for each department's request? To answer, configure the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Security:

Azure AD Privileged Identity Management

Azure Managed Identity

Azure AD Connect

Azure AD Identity Protection

Development:

Azure AD Privileged Identity Management

Azure Managed Identity

Azure AD Connect

Azure AD Identity Protection

Quality Assurance:

Azure AD Privileged Identity Management

Azure Managed Identity

Azure AD Connect

Azure AD Identity Protection

[Hide Answer](#)

Suggested Answer:

Answer Area

Security:

Azure AD Privileged Identity Management

Azure Managed Identity

Azure AD Connect

Azure AD Identity Protection

Development:

Azure AD Privileged Identity Management

Azure Managed Identity

Azure AD Connect

Azure AD Identity Protection

Quality Assurance:

Azure AD Privileged Identity Management

Azure Managed Identity

Azure AD Connect

Azure AD Identity Protection

Box 1: Azure AD Privileged Identity Management

Privileged Identity Management provides time-based and approval-based role activation to mitigate the risks of excessive, unnecessary, or misused access permissions on resources that you care about. Here are some of the key features of Privileged Identity Management:

Provide just-in-time privileged access to Azure AD and Azure resources

Assign time-bound access to resources using start and end dates

Require approval to activate privileged roles

Enforce multi-factor authentication to activate any role

Use justification to understand why users activate

Get notifications when privileged roles are activated

Conduct access reviews to ensure users still need roles

Download audit history for internal or external audit

Prevents removal of the last active Global Administrator role assignment

Box 2: Azure Managed Identity -

Managed identities provide an identity for applications to use when connecting to resources that support Azure Active Directory (Azure AD) authentication.

Applications may use the managed identity to obtain Azure AD tokens. With Azure Key Vault, developers can use managed identities to access resources. Key Vault stores credentials in a secure manner and gives access to storage accounts.

Box 3: Azure AD Privileged Identity Management

Privileged Identity Management provides time-based and approval-based role activation to mitigate the risks of excessive, unnecessary, or misused access permissions on resources that you care about. Here are some of the key features of Privileged Identity Management:

Provide just-in-time privileged access to Azure AD and Azure resources

Assign time-bound access to resources using start and end dates

Reference:

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

topic 1 question 19 discussion

Actual exam question from Microsoft's AZ-305

Question #: 19

Topic #: 1

[All AZ-305 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

[Hide Answer](#)

Suggested Answer:

Answer Area

Management groups:

▼

1
2
3
4

Blueprint definitions:

▼

1
2
3
4

Blueprint assignments:

▼

1
2
3
4

Box 1: 2 -

One management group for each Azure AD tenant

Azure management groups provide a level of scope above subscriptions.

All subscriptions within a management group automatically inherit the conditions applied to the management group.

All subscriptions within a single management group must trust the same Azure Active Directory tenant

Box 2: 1 -

One single blueprint definition can be assigned to different existing management groups or subscriptions.

When creating a blueprint definition, you'll define where the blueprint is saved. Blueprints can be saved to a management group or subscription that you have

Contributor access to. If the location is a management group, the blueprint is available to assign to any child subscription of that management group.

Box 3: 2 -

Blueprint assignment -

Each Published Version of a blueprint can be assigned (with a max name length of 90 characters) to an existing management group or subscription.

Assigning a blueprint definition to a management group means the assignment object exists at the management group. The deployment of artifacts still targets a subscription.

Reference:

<https://docs.microsoft.com/en-us/azure/governance/management-groups/overview>

<https://docs.microsoft.com/en-us/azure/governance/blueprints/overview>

topic 1 question 20 discussion

Actual exam question from Microsoft's AZ-305

Question #: 20

Topic #: 1

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

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:

Append
EnforceOPAConstraint
EnforceRegoPolicy
Modify

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

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

[Hide Answer](#)

Suggested Answer:

Answer Area

Azure Policy effect to use:

Append
EnforceOPAConstraint
EnforceRegoPolicy
Modify

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

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

Box 1: Modify -

Modify is used to add, update, or remove properties or tags on a subscription or resource during creation or update. A common example is updating tags on resources such as costCenter. Existing non-compliant resources can be remediated with a remediation task. A single Modify rule can have any number of operations. Policy assignments with effect set as Modify require a managed identity to do remediation.

Incorrect:

* The following effects are deprecated: EnforceOPAConstraint EnforceRegoPolicy

* Append is used to add additional fields to the requested resource during creation or update. A common example is specifying allowed IPs for a storage resource.

Append is intended for use with non-tag properties. While Append can add tags to a resource during a create or update request, it's recommended to use the

Modify effect for tags instead.

Box 2: A managed identity with the Contributor role

The managed identity needs to be granted the appropriate roles required for remediating resources to grant the managed identity.

Contributor - Can create and manage all types of Azure resources but can't grant access to others.

Incorrect:

User Access Administrator: lets you manage user access to Azure resources.

Reference:

<https://docs.microsoft.com/en-us/azure/governance/policy/concepts/effects>

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

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>

topic 1 question 21 discussion

Actual exam question from Microsoft's AZ-305

Question #: 21

Topic #: 1

[All AZ-305 Questions]

HOTSPOT -

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

Name	Type	Account Kind	Location
storage1	Azure Storage account	Storage (general purpose v1)	East US
storage2	Azure Storage account	StorageV2 (general purpose v2)	East US
Workspace1	Azure Log Analytics workspace	Not applicable	East US
Workspace2	Azure Log Analytics workspace	Not applicable	East US
Hub1	Azure event hub	Not applicable	East US

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

To DB1, you add a diagnostic setting named Settings1. Settings1 archive 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"/>

[Hide Answer](#)

Suggested Answer:

Answer Area

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

Box 1: Yes -

A single diagnostic setting can define no more than one of each of the destinations. If you want to send data to more than one of a particular destination type (for example, two different Log Analytics workspaces), then create multiple settings.

Each resource can have up to 5 diagnostic settings.

Note: This diagnostic telemetry can be streamed to one of the following Azure resources for analysis.

- * Log Analytics workspace
- * Azure Event Hubs
- * Azure Storage

Box 2: Yes -

Box 3: Yes -

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/essentials/diagnostic-settings>

<https://docs.microsoft.com/en-us/azure/azure-sql/database/metrics-diagnostic-telemetry-logging-streaming-export-configure?tabs=azure-portal>

topic 1 question 22 discussion

Actual exam question from Microsoft's AZ-305

Question #: 22

Topic #: 1

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

You plan to deploy an Azure SQL database that will store Personally Identifiable Information (PII).

You need to ensure that only privileged users can view the PII.

What should you include in the solution?

- A. dynamic data masking Most Voted
- B. role-based access control (RBAC)
- C. Data Discovery & Classification
- D. Transparent Data Encryption (TDE)

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (100%)

by  ExamTopicsTST at Sept. 2, 2022, 2:58 a.m.

topic 1 question 23 discussion

Actual exam question from Microsoft's AZ-305

Question #: 23

Topic #: 1

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

You plan to deploy an app that will use an Azure Storage account.

You need to deploy the storage account. The storage account must meet the following requirements:

- ☞ Store the data for multiple users.
- ☞ Encrypt each user's data by using a separate key.
- ☞ Encrypt all the data in the storage account by using customer-managed keys.

What should you deploy?

- A. files in a premium file share storage account
- B. blobs in a general purpose v2 storage account Most Voted
- C. blobs in an Azure Data Lake Storage Gen2 account
- D. files in a general purpose v2 storage account

[Hide Answer](#)

Suggested Answer: B 🎉

Community vote distribution

B (94%) 6%

by  kay000001 at Sept. 13, 2022, 7:03 a.m.

topic 1 question 24 discussion

Actual exam question from Microsoft's AZ-305

Question #: 24

Topic #: 1

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

HOTSPOT -

You have an Azure App Service web app that uses a system-assigned managed identity.

You need to recommend a solution to store the settings of the web app as secrets in an Azure key vault. The solution must meet the following requirements:

- ⇒ Minimize changes to the app code.
- ⇒ Use the principle of least privilege.

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

Key Vault integration method:

Key Vault references in Application settings
Key Vault references in Appsettings.json
Key Vault references in Web.config
Key Vault SDK

Key Vault permissions for the managed identity:

Keys: Get
Keys: List and Get
Secrets: Get
Secrets: List and Get

[Hide Answer](#)

Suggested Answer:

Answer Area

Key Vault integration method:

Key Vault references in Application settings
Key Vault references in Appsettings.json
Key Vault references in Web.config
Key Vault SDK

Key Vault permissions for the managed identity:

Keys: Get
Keys: List and Get
Secrets: Get
Secrets: List and Get

Box 1: Key Vault references in Application settings

Source Application Settings from Key Vault.

Key Vault references can be used as values for Application Settings, allowing you to keep secrets in Key Vault instead of the site config. Application Settings are securely encrypted at rest, but if you need secret management capabilities, they should go into Key Vault.

To use a Key Vault reference for an app setting, set the reference as the value of the setting. Your app can reference the secret through its key as normal. No code changes are required.

Box 2: Secrets: Get -

In order to read secrets from Key Vault, you need to have a vault created and give your app permission to access it.

1. Create a key vault by following the Key Vault quickstart.
2. Create a managed identity for your application.
3. Key Vault references will use the app's system assigned identity by default, but you can specify a user-assigned identity.
4. Create an access policy in Key Vault for the application identity you created earlier. Enable the "Get" secret permission on this policy.

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/app-service-key-vault-references>

<https://docs.microsoft.com/en-us/azure/app-service/app-service-key-vault-references>

topic 1 question 25 discussion

Actual exam question from Microsoft's AZ-305

Question #: 25

Topic #: 1

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

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

[Hide Answer](#)

Suggested Answer: D 🎉

Community vote distribution

D (96%)

4%

topic 1 question 26 discussion

Actual exam question from Microsoft's AZ-305

Question #: 26

Topic #: 1

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

You have the resources shown in the following table:

Name	Type
AS1	Azure Synapse Analytics instance
CDB1	Azure Cosmos DB SQL API account

CDB1 hosts a container that stores continuously updated operational data.

You are designing a solution that will use AS1 to analyze the operational data daily.

You need to recommend a solution to analyze the data without affecting the performance of the operational data store.

What should you include in the recommendation?

- A. Azure Cosmos DB change feed
- B. Azure Data Factory with Azure Cosmos DB and Azure Synapse Analytics connectors
- C. Azure Synapse Link for Azure Cosmos DB Most Voted**
- D. Azure Synapse Analytics with PolyBase data loading

[Hide Answer](#)

Suggested Answer: C 

Community vote distribution

C (100%)

topic 1 question 27 discussion

Actual exam question from Microsoft's AZ-305

Question #: 27

Topic #: 1

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

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 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	<input checked="" type="checkbox"/> SQLInsights <input checked="" type="checkbox"/> AutomaticTuning <input type="checkbox"/> QueryStoreRuntimeStatistics <input type="checkbox"/> QueryStoreWaitStatistics <input type="checkbox"/> Errors <input type="checkbox"/> DatabaseWaitStatistics <input type="checkbox"/> Timeouts <input type="checkbox"/> Blocks <input type="checkbox"/> Deadlocks
metric	<input type="checkbox"/> basic
Retention (days)	90 30 0 0 0 0 0 0 0 0
Destination details	
<input checked="" type="checkbox"/> Send to Log Analytics	
Subscription	Azure Pass - Sponsorship
Log Analytics workspace	sk200814 (eastus)
<input checked="" type="checkbox"/> Archive to a storage account	
Location	East US
Subscription	Azure Pass - Sponsorship
Storage account *	contoso20
<input type="checkbox"/> 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

Hide Answer

Suggested Answer:

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

Box 1: 90 days -

As per exhibit.

Box 2: 730 days -

How long is the data kept?

Raw data points (that is, items that you can query in Analytics and inspect in Search) are kept for up to 730 days.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/data-retention-privacy>

topic 1 question 28 discussion

Actual exam question from Microsoft's AZ-305

Question #: 28

Topic #: 1

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

You have an application that is used by 6,000 users to validate their vacation requests. The application manages its own credential store.

Users must enter a username and password to access the application. The application does NOT support identity providers.

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

Which SSO method should you use?

- A. header-based
- B. SAML
- C. password-based Most Voted
- D. OpenID Connect

[Hide Answer](#)

Suggested Answer: C 📈

Community vote distribution

C (97%)

3%

topic 1 question 29 discussion

Actual exam question from Microsoft's AZ-305

Question #: 29

Topic #: 1

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

HOTSPOT -

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

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

- ⇒ Incoming connections to the virtual machines must be authenticated by using Azure Multi-Factor Authentication (MFA) before network connectivity is allowed.
- ⇒ Incoming connections must use TLS and connect to TCP port 443.
- ⇒ The solution must support RDP and SSH.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

To provide access to virtual machines on VNET1, use:

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

To enforce Azure MFA, use:

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

[Hide Answer](#)

Suggested Answer:

Answer Area

To provide access to virtual machines on VNET1, use:

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

To enforce Azure MFA, use:

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

Box 1: Just-in-time (JIT) VM access

Lock down inbound traffic to your Azure Virtual Machines with Microsoft Defender for Cloud's just-in-time (JIT) virtual machine (VM) access feature. This reduces exposure to attacks while providing easy access when you need to connect to a VM.

Note: Threat actors actively hunt accessible machines with open management ports, like RDP or SSH. Your legitimate users also use these ports, so it's not practical to keep them closed.

When you enable just-in-time VM access, you can select the ports on the VM to which inbound traffic will be blocked.

To solve this dilemma, Microsoft Defender for Cloud offers JIT. With JIT, you can lock down the inbound traffic to your VMs, reducing exposure to attacks while providing easy access to connect to VMs when needed.

Box 2: A conditional Access policy that has Cloud Apps assignment set to Azure Windows VM Sign-In

You can enforce Conditional Access policies such as multi-factor authentication or user sign-in risk check before authorizing access to Windows VMs in Azure that are enabled with Azure AD sign in.

To apply Conditional Access policy, you must select the "Azure Windows VM Sign-In" app from the cloud apps or actions assignment option and then use Sign-in risk as a condition and/or require multi-factor authentication as a grant access control.

Reference:

<https://docs.microsoft.com/en-us/azure/defender-for-cloud/just-in-time-access-overview>

<https://docs.microsoft.com/en-us/azure/active-directory/devices/howto-vm-sign-in-azure-ad-windows>

topic 1 question 30 discussion

Actual exam question from Microsoft's AZ-305

Question #: 30

Topic #: 1

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

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. an Azure management group that uses parent groups to create a hierarchy
- C. an Azure policy that enforces tagging rules Most Voted
- D. Azure Active Directory (Azure AD) administrative units

[Hide Answer](#)

Suggested Answer: C 🎉

Community vote distribution

C (100%)

by  mse89 at Sept. 1, 2022, 7:50 a.m.

topic 1 question 31 discussion

Actual exam question from Microsoft's AZ-305

Question #: 31

Topic #: 1

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

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) and Azure AD Connect.

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. In the Azure AD tenant of Contoso, create cloud-only user accounts for the Fabrikam developers.
- B. Configure a forest trust between the on-premises Active Directory forests of Contoso and Fabrikam.
- C. Configure an organization relationship between the Microsoft 365 tenants of Fabrikam and Contoso.
- D. In the Azure AD tenant of Contoso, create guest accounts for the Fabrikam developers.

Most Voted

Hide Answer

Suggested Answer: D 🏷️

Community vote distribution

D (95%)

4%

topic 1 question 32 discussion

Actual exam question from Microsoft's AZ-305

Question #: 32

Topic #: 1

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

Your company has the divisions shown in the following table.

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

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Configure the Azure AD provisioning service.
- B. Enable Azure AD pass-through authentication and update the sign-in endpoint.
- C. Use Azure AD entitlement management to govern external users. Most Voted
- D. Configure Azure AD join.

[Hide Answer](#)

Suggested Answer: C 🏆

Community vote distribution

C (100%)

topic 1 question 33 discussion

Actual exam question from Microsoft's AZ-305

Question #: 33

Topic #: 1

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

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.

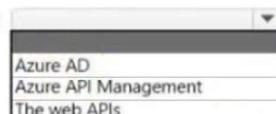
What should you include in the recommendation? To answer, select the appropriate options in the answer area.

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:



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

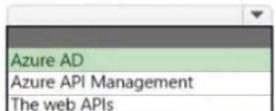


[Hide Answer](#)

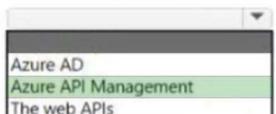
Suggested Answer:

Answer Area

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



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



Box 1: Azure AD -

Grant permissions in Azure AD.

Box 2: Azure API Management -

Configure a JWT validation policy to pre-authorize requests.

Pre-authorize requests in API Management with the Validate JWT policy, by validating the access tokens of each incoming request. If a request does not have a valid token, API Management blocks it.

Reference:

<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-protect-backend-with-aad>

topic 1 question 34 discussion

Actual exam question from Microsoft's AZ-305

Question #: 34

Topic #: 1

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

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

What should you include in the recommendation?

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

[Hide Answer](#)

Suggested Answer: A 🎉

Community vote distribution

A (100%)

by  [most_lenyora](#) at Sept. 5, 2022, 6:28 a.m.

topic 1 question 35 discussion

Actual exam question from Microsoft's AZ-305

Question #: 35

Topic #: 1

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

Your company has the divisions shown in the following table.

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

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Configure the Azure AD provisioning service.
- B. Configure assignments for the fabrikam.com users by using Azure AD Privileged Identity Management (PIM).
- C. Use Azure AD entitlement management to govern external users. Most Voted
- D. Configure Azure AD Identity Protection.

[Hide Answer](#)

Suggested Answer: C 🏆

Community vote distribution

C (100%)

topic 1 question 36 discussion

Actual exam question from Microsoft's AZ-305

Question #: 36

Topic #: 1

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

You are developing an app that will read activity logs for an Azure subscription by using Azure Functions.

You need to recommend an authentication solution for Azure Functions. The solution must minimize administrative effort.

What should you include in the recommendation?

- A. an enterprise application in Azure AD
- B. system-assigned managed identities Most Voted
- C. shared access signatures (SAS)
- D. application registration in Azure AD

[Hide Answer](#)

Suggested Answer: B 

Community vote distribution

B (100%)

topic 1 question 37 discussion

Actual exam question from Microsoft's AZ-305

Question #: 37

Topic #: 1

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

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure AD tenant
East	Sub1	Contoso.com
West	Sub2	Fabrikam.com

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Configure Azure AD join.
- B. Use Azure AD entitlement management to govern external users. **Most Voted**
- C. Enable Azure AD pass-through authentication and update the sign-in endpoint.
- D. Configure assignments for the fabrikam.com users by using Azure AD Privileged Identity Management (PIM).

[Hide Answer](#)

Suggested Answer: **B** 🏆

Community vote distribution

B (100%)

topic 1 question 38 discussion

Actual exam question from Microsoft's AZ-305

Question #: 38

Topic #: 1

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

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure AD tenant
East	Sub1	Contoso.com
West	Sub2	Fabrikam.com

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Configure Azure AD join.
- B. Configure Azure AD Identity Protection.
- C. Use Azure AD entitlement management to govern external users. Most Voted
- D. Configure assignments for the fabrikam.com users by using Azure AD Privileged Identity Management (PIM).

[Hide Answer](#)

Suggested Answer: C 🏆

Community vote distribution

C (100%)

topic 1 question 39 discussion

Actual exam question from Microsoft's AZ-305

Question #: 39

Topic #: 1

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

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

What should you include in the recommendation?

A. Azure Activity Log Most Voted

B. Azure Arc

C. Azure Analysis Services

D. Azure Monitor metrics

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (100%)

by  [janvandermerwer](#) at Jan. 19, 2023, 12:41 a.m.

topic 1 question 40 discussion

Actual exam question from Microsoft's AZ-305

Question #: 40

Topic #: 1

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

HOTSPOT

You have an Azure subscription that contains an Azure key vault named KV1 and a virtual machine named VM1. VM1 runs Windows Server 2022: Azure Edition.

You plan to deploy an ASP.NET Core-based application named App1 to VM1.

You need to configure App1 to use a system-assigned managed identity to retrieve secrets from KV1. The solution must minimize development effort.

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

NOTE: Each correct selection is worth one point.

Answer Area

Configure App1 to use OAuth 2.0:

- Authorization code grant flows
- Client credentials grant flows
- Implicit grant flows

Configure App1 to use a REST API call to retrieve an authentication token from the:

- Azure Instance Metadata Service (MDS) endpoint
- OAuth 2.0 access token endpoint of Azure AD
- OAuth 2.0 access token endpoint of Microsoft Identity Platform

[Hide Answer](#)

Suggested Answer:

Answer Area

Configure App1 to use OAuth 2.0:

- Authorization code grant flows
- Client credentials grant flows**
- Implicit grant flows

Configure App1 to use a REST API call to retrieve an authentication token from the:

- Azure Instance Metadata Service (MDS) endpoint**
- OAuth 2.0 access token endpoint of Azure AD**
- OAuth 2.0 access token endpoint of Microsoft Identity Platform

topic 1 question 41 discussion

Actual exam question from Microsoft's AZ-305

Question #: 41

Topic #: 1

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

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure AD tenant
East	Sub1	Contoso.com
West	Sub2	Fabrikam.com

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Configure Azure AD join.
- B. Configure Azure AD Identity Protection.
- C. Configure a Conditional Access policy.
- D. Configure Supported account types in the application registration and update the sign-in endpoint. **Most Voted**

Hide Answer

Suggested Answer: D 🏆

Community vote distribution

D (100%)

topic 1 question 42 discussion

Actual exam question from Microsoft's AZ-305

Question #: 42

Topic #: 1

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

You have an Azure AD tenant named contoso.com that has a security group named Group1. Group1 is configured for assigned memberships. 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. Implement Azure AD Identity Protection.
- B. Change the Membership type of Group1 to Dynamic User.
- C. Create an access review. **Most Voted**
- D. Implement Azure AD Privileged Identity Management (PIM).

Hide Answer

Suggested Answer: C 

Community vote distribution

C (97%)

3%

topic 1 question 43 discussion

Actual exam question from Microsoft's AZ-305

Question #: 43

Topic #: 1

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

HOTSPOT

You have an Azure subscription named Sub1 that is linked to an Azure AD tenant named contoso.com.

You plan to implement two ASP.NET Core apps named App1 and App2 that will be deployed to 100 virtual machines in Sub1. Users will sign in to App1 and App2 by using their contoso.com credentials.

App1 requires read permissions to access the calendar of the signed-in user. App2 requires write permissions to access the calendar of the signed-in user.

You need to recommend an authentication and authorization solution for the apps. The solution must meet the following requirements:

- Use the principle of least privilege.
- Minimize administrative 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.

Answer Area

Authentication:

- Application registration in Azure AD
- A system-assigned managed identity
- A user-assigned managed identity

Authorization:

- Application permissions
- Azure role-based access control (Azure RBAC)
- Delegated permissions

[Hide Answer](#)

Answer Area

Authentication:

- Application registration in Azure AD
- A system-assigned managed identity
- A user-assigned managed identity

Suggested Answer:

Authorization:

- Application permissions
- Azure role-based access control (Azure RBAC)
- Delegated permissions

topic 1 question 44 discussion

Actual exam question from Microsoft's AZ-305

Question #: 44

Topic #: 1

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

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure AD tenant
East	Sub1	Contoso.com
West	Sub2	Fabrikam.com

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Enable Azure AD pass-through authentication and update the sign-in endpoint.
- B. Use Azure AD entitlement management to govern external users. Most Voted
- C. Configure assignments for the fabrikam.com users by using Azure AD Privileged Identity Management (PIM).
- D. Configure Azure AD Identity Protection.

[Hide Answer](#)

Suggested Answer: **B** 🏆

Community vote distribution

B (100%)

topic 1 question 45 discussion

Actual exam question from Microsoft's AZ-305

Question #: 45

Topic #: 1

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

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure AD tenant
East	Sub1	Contoso.com
West	Sub2	Fabrikam.com

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Configure the Azure AD provisioning service.
- B. Enable Azure AD pass-through authentication and update the sign-in endpoint.
- C. Configure Supported account types in the application registration and update the sign-in endpoint. **Most Voted**
- D. Configure Azure AD join.

Hide Answer

Suggested Answer: C 🏆

Community vote distribution

C (100%)

topic 1 question 46 discussion

Actual exam question from Microsoft's AZ-305

Question #: 46

Topic #: 1

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

HOTSPOT

-

You have an Azure AD tenant that contains a management group named MG1.

You have the Azure subscriptions shown in the following table.

Name	Management group
Sub1	MG1
Sub2	MG2
Sub3	Tenant Root Group

The subscriptions contain the resource groups shown in the following table.

Name	Subscription
RG1	Sub1
RG2	Sub2
RG3	Sub3

The subscription contains the Azure AD security groups shown in the following table.

Name	Member of
Group1	Group3
Group2	Group3
Group3	None

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

Name	Member of
User1	Group1
User2	Group2
User3	Group1, Group2

You perform the following actions:

Assign User3 the Contributor role for Sub1.

Assign Group1 the Virtual Machine Contributor role for MG1.

Assign Group3 the Contributor role for the Tenant Root Group.

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

NOTE: Each correct selection is worth one point.

Answer Area

Statements

Yes No

User1 can create a new virtual machine in RG1.

User2 can grant permissions to Group2.

User3 can create a storage account in RG2.

[Hide Answer](#)

Answer Area

Statements

Yes No

Suggested Answer: User1 can create a new virtual machine in RG1.

User2 can grant permissions to Group2.

User3 can create a storage account in RG2.

topic 1 question 47 discussion

Actual exam question from Microsoft's AZ-305

Question #: 47

Topic #: 1

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

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure AD tenant
East	Sub1	Contoso.com
West	Sub2	Fabrikam.com

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Configure Azure AD Identity Protection.
- B. Configure assignments for the fabrikam.com users by using Azure AD Privileged Identity Management (PIM).
- C. Configure Supported account types in the application registration and update the sign-in endpoint. **Most Voted**
- D. Configure a Conditional Access policy.

Hide Answer

Suggested Answer: C 🎉

Community vote distribution

C (100%)

topic 1 question 48 discussion

Actual exam question from Microsoft's AZ-305

Question #: 48

Topic #: 1

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

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure AD tenant
East	Sub1	Contoso.com
West	Sub2	Fabrikam.com

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Use Azure AD entitlement management to govern external users. Most Voted
- B. Enable Azure AD pass-through authentication and update the sign-in endpoint.
- C. Configure a Conditional Access policy.
- D. Configure assignments for the fabrikam.com users by using Azure AD Privileged Identity Management (PIM).

[Hide Answer](#)

Suggested Answer: A 

Community vote distribution

A (92%)

8%

topic 1 question 49 discussion

Actual exam question from Microsoft's AZ-305

Question #: 49

Topic #: 1

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

You have an Azure subscription that contains 1,000 resources.

You need to generate compliance reports for the subscription. The solution must ensure that the resources can be grouped by department.

What should you use to organize the resources?

- A. application groups and quotas
- B. Azure Policy and tags Most Voted
- C. administrative units and Azure Lighthouse
- D. resource groups and role assignments

[Hide Answer](#)

Suggested Answer: B 🏆

Community vote distribution

B (100%)

by  T0bo at April 21, 2023, 10:04 a.m.

topic 1 question 50 discussion

Actual exam question from Microsoft's AZ-305

Question #: 50

Topic #: 1

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

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

What should you include in the recommendation?

- A. Azure Arc
- B. Azure Monitor metrics
- C. Azure Advisor
- D. Azure Log Analytics Most Voted

[Hide Answer](#)

Suggested Answer: D 

Community vote distribution

D (100%)

by  T0bo at April 21, 2023, 10:05 a.m.

topic 1 question 51 discussion

Actual exam question from Microsoft's AZ-305

Question #: 51

Topic #: 1

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

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

What should you include in the recommendation?

- A. Azure Monitor action groups
- B. Azure Arc
- C. Azure Monitor metrics
- D. Azure Activity Log Most Voted

[Hide Answer](#)

Suggested Answer: D 

Community vote distribution

D (100%)

by  JohnPhan at April 21, 2023, 8:01 a.m.

topic 1 question 52 discussion

Actual exam question from Microsoft's AZ-305

Question #: 52

Topic #: 1

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

DRAG DROP

You have an Azure AD tenant that contains an administrative unit named MarketingAU. MarketingAU contains 100 users.

You create two users named User1 and User2.

You need to ensure that the users can perform the following actions in MarketingAU:

- User1 must be able to create user accounts.
- User2 must be able to reset user passwords.

Which role should you assign to each user? To answer, drag the appropriate roles to the correct users. Each role 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.

Roles

- Helpdesk Administrator for MarketingAU
- Helpdesk Administrator for the tenant
- User Administrator for MarketingAU
- User Administrator for the tenant

Answer Area

User1:

Role

User2:

Role

[Hide Answer](#)

Suggested Answer:

Answer Area

User1 User Administrator for MarketingAU

User2 Helpdesk Administrator for Marketing

topic 1 question 53 discussion

Actual exam question from Microsoft's AZ-305

Question #: 53

Topic #: 1

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

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

What should you include in the recommendation?

- A. Azure Arc
- B. Azure Log Analytics Most Voted
- C. Application insights
- D. Azure Monitor action groups

[Hide Answer](#)

Suggested Answer: B 📈

Community vote distribution

B (100%)

by  AP30 at May 1, 2023, 2:02 p.m.

topic 1 question 54 discussion

Actual exam question from Microsoft's AZ-305

Question #: 54

Topic #: 1

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

HOTSPOT

-

You are designing an app that will be hosted on Azure virtual machines that run Ubuntu. The app will use a third-party email service to send email messages to users. The third-party email service requires that the app authenticate by using an API key.

You need to recommend an Azure Key Vault solution for storing and accessing the API key. The solution must minimize administrative effort.

What should you recommend using to store and access the key? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Storage:

- Certificate
- Key
- Secret

Access:

- An API token
- A managed service identity (MSI)
- A service principal

[Hide Answer](#)

Answer Area

Storage:

- Certificate
- Key
- Secret

Access:

- An API token
- A managed service identity (MSI)
- A service principal

Suggested Answer:

topic 1 question 55 discussion

Actual exam question from Microsoft's AZ-305

Question #: 55

Topic #: 1

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

DRAG DROP

You have two app registrations named App1 and App2 in Azure AD. App1 supports role-based access control (RBAC) and includes a role named Writer.

You need to ensure that when App2 authenticates to access App1, the tokens issued by Azure AD include the Writer role claim.

Which blade should you use to modify each app registration? To answer, drag the appropriate blades to the correct app registrations. Each blade 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.

Blades

API permissions

App roles

Token configuration

Answer Area



[Hide Answer](#)

Suggested Answer:

Blades

API permissions

App roles

Token configuration

Answer Area

App1: App roles

App2: Token configuration

topic 1 question 56 discussion

Actual exam question from Microsoft's AZ-305

Question #: 56

Topic #: 1

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

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

What should you include in the recommendation?

- A. Application Insights
- B. Azure Arc
- C. Azure Log Analytics Most Voted
- D. Azure Monitor metrics

[Hide Answer](#)

Suggested Answer: C 

Community vote distribution

C (100%)

by  [musmas82473](#) at July 25, 2023, 9:05 a.m.

topic 1 question 57 discussion

Actual exam question from Microsoft's AZ-305

Question #: 57

Topic #: 1

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

You have an Azure subscription.

You plan to deploy a monitoring solution that will include the following:

- Azure Monitor Network Insights
- Application Insights
- Microsoft Sentinel
- VM insights

The monitoring solution will be managed by a single team.

What is the minimum number of Azure Monitor workspaces required?

A. 1 **Most Voted**

B. 2

C. 3

D. 4

[Hide Answer](#)

Suggested Answer: A 🎉

Community vote distribution

A (93%)

7%

topic 1 question 58 discussion

Actual exam question from Microsoft's AZ-305

Question #: 58

Topic #: 1

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

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

What should you include in the recommendation?

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

[Hide Answer](#)

Suggested Answer: D 

Community vote distribution

D (70%)

C (30%)

by  [jojorabbit2021](#) at Aug. 14, 2023, 2 a.m.

topic 1 question 59 discussion

Actual exam question from Microsoft's AZ-305
Question # 59
Topic # 1
[AZ-305 Questions]

HOTSPOT

Case Study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study contains an Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the question button to return to the question.

Overview

Fabrikam, Inc. is an engineering company that has offices throughout Europe. The company has a main office in London and three branch offices in Amsterdam, Berlin, and Rome.

Existing Environment: Active Directory Environment

The network contains two Active Directory forests named corp.fabrikam.com and rd.fabrikam.com. There are no trust relationships between the forests.

corp.fabrikam.com is a production forest that contains identities used for internal user and computer authentication.

rd.fabrikam.com is used by the research and development (R&D) department only. The R&D department is restricted to using on-premises resources only.

Existing Environment: Network Infrastructure

Each office contains at least one domain controller from the corp.fabrikam.com domain. The main office contains all the domain controllers for the rd.fabrikam.com forest.

All the offices have a high-speed connection to the Internet.

An existing application named WebApp1 is hosted in the data center of the London office. WebApp1 is used by customers to place and track orders. WebApp1 has a web tier that uses Microsoft Internet Information Services (IIS) and a database tier that runs Microsoft SQL Server 2016. The web tier and the database tier are deployed to virtual machines that run on Hyper-V.

The IT department currently uses a separate Hyper-V environment to test updates to WebApp1.

Fabrikam purchases all Microsoft licenses through a Microsoft Enterprise Agreement that includes Software Assurance.

Existing Environment: Problem Statement

The use of WebApp1 is unpredictable. At peak times, users often report delays. At other times, many resources for WebApp1 are unutilized.

Requirements: Planned Changes

Fabrikam plans to move most of its production workloads to Azure during the next few years, including virtual machines that rely on Active Directory for authentication.

As one of its first projects, the company plans to establish a hybrid identity model, facilitating an upcoming Microsoft 365 deployment.

All R&D operations will remain on-premises.

Fabrikam plans to migrate the production and test instances of WebApp1 to Azure.

Requirements: Technical Requirements

Fabrikam identifies the following technical requirements:

- Website content must be easily updated from a single point.
- User input must be sanitized when processing new posting instances.
- Internal, external, and third-party users must be able to log in to Azure AD.
- Users must always authenticate by using their corp.fabrikam.com UPN identity.
- Any new deployments to Azure must be redundant in case of Azure region fail.
- Whenever possible, solutions must be deployed to Azure by using the Standard pricing tier of Azure App Service.
- An email distribution group named IT Support must be notified of any issues relating to the directory synchronization.
- In the event that a link fails between Azure and the on-premises network, ensure that the virtual machines hosted in Azure can authenticate to Active Directory.
- Discovery synchronization between Azure Active Directory (Azure AD) and corp.fabrikam.com must not be affected by a link failure between Azure and the on-premises network.

Requirements: Database Requirements

Fabrikam identifies the following database requirements:

- Database metrics for the production instance of WebApp1 must be available for analysis so that database administrators can optimize the performance settings.
- To avoid disrupting customer access, database downtime must be minimized when databases are migrated.
- Database backups must be retained for a minimum of seven years to meet compliance requirements.

Requirements: Security Requirements

Fabrikam identifies the following security requirements:

- Company information including policies, templates, and data must be inaccessible to anyone outside the company.
- Users on the on-premises network must be able to authenticate to corp.fabrikam.com if an internet link fails.
- Administrators must be able to authenticate to the Azure portal by using their corp.fabrikam.com credentials.
- All administrative access to the Azure portal must be secured by using multi-factor authentication (MFA).
- The testing of WebApp1 updates must not be visible to anyone outside the company.

To meet the authentication requirements of Fabrikam, what should you include in the solution? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Minimum number of Azure AD tenants:

Minimum number of conditional access policies to create:

Hide Answer

Suggested Answer:

Answer Area

Minimum number of Azure AD tenants:

Minimum number of conditional access policies to create:

by [GetZIP](#) at July 21, 2022, 2:25 p.m.

topic 1 question 60 discussion

Actual exam question from Microsoft's AZ-305

Question #: 60

Topic #: 1

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

You have an Azure subscription that contains 10 web apps. The apps are integrated with Azure AD and are accessed by users on different project teams.

The users frequently move between projects.

You need to recommend an access management solution for the web apps. The solution must meet the following requirements:

- The users must only have access to the app of the project to which they are assigned currently.
- Project managers must verify which users have access to their project's app and remove users that are no longer assigned to their project.
- Once every 30 days, the project managers must be prompted automatically to verify which users are assigned to their projects.

What should you include in the recommendation?

- A. Azure AD Identity Protection
- B. Microsoft Defender for Identity
- C. Microsoft Entra Permissions Management
- D. Azure AD Identity Governance Most Voted

[Hide Answer](#)

Suggested Answer: D 🏆

Community vote distribution

D (100%)

by  marcellov at Sept. 22, 2023, 5:01 p.m.

topic 1 question 61 discussion

Actual exam question from Microsoft's AZ-305

Question #: 61

Topic #: 1

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

HOTSPOT

You have an Azure subscription that contains 50 Azure SQL databases.

You create an Azure Resource Manager (ARM) template named Template1 that enables Transparent Data Encryption (TDE).

You need to create an Azure Policy definition named Policy1 that will use Template1 to enable TDE for any noncompliant Azure SQL databases.

How should you configure Policy1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Set available effects to:

DeployIfNotExists

EnforceRegoPolicy

Modify

Include in the definition:

The identity required to perform the remediation task

The scopes of the policy assignments

The role-based access control (RBAC) roles required to perform the remediation task

[Hide Answer](#)

Suggested Answer:

Answer Area

Set available effects to:

DeployIfNotExists

EnforceRegoPolicy

Modify

Include in the definition:

The identity required to perform the remediation task

The scopes of the policy assignments

The role-based access control (RBAC) roles required to perform the remediation task

topic 1 question 62 discussion

Actual exam question from Microsoft's AZ-305

Question #: 62

Topic #: 1

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

You have an Azure subscription. The subscription contains a tiered app named App1 that is distributed across multiple containers hosted in Azure Container Instances.

You need to deploy an Azure Monitor monitoring solution for App1. The solution must meet the following requirements:

- Support using synthetic transaction monitoring to monitor traffic between the App1 components.
- Minimize development effort.

What should you include in the solution?

A. Network insights

B. Application Insights Most Voted

C. Container insights

D. Log Analytics Workspace insights

[Hide Answer](#)

Suggested Answer: B 🎉

Community vote distribution

B (100%)

topic 1 question 63 discussion

Actual exam question from Microsoft's AZ-305

Question #: 63

Topic #: 1

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

HOTSPOT

-

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

Name	Type	Description
App1	Azure App Service app	None
Workspace1	Log Analytics workspace	Configured to use a pay-as-you-go pricing tier
App1Logs	Log Analytics table	Hosted in Workspace1 Configured to use the Analytics Logs data plan

Log files from App1 are registered to App1Logs. An average of 120 GB of log data is ingested per day.

You configure an Azure Monitor alert that will be triggered if the App1 logs contain error messages.

You need to minimize the Log Analytics costs associated with App1. The solution must meet the following requirements:

- Ensure that all the log files from App1 are ingested to App1Logs.
- Minimize the impact on the Azure Monitor alert.

Which resource should you modify, and which modification should you perform? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Resource:

App1
App1Logs
Workspace1

Modification:

Change to a commitment pricing tier.
Change to the Basic Logs data plan.
Set a daily cap.

[Hide Answer](#)

Answer Area

Resource:

App1
App1Logs
Workspace1

Suggested Answer:

Modification:

Change to a commitment pricing tier.
Change to the Basic Logs data plan.
Set a daily cap.

topic 1 question 64 discussion

Actual exam question from Microsoft's AZ-305

Question #: 64

Topic #: 1

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

You have 12 Azure subscriptions and three projects. Each project uses resources across multiple subscriptions.

You need to use Microsoft Cost Management to monitor costs on a per project basis. The solution must minimize administrative effort.

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

NOTE: Each correct selection is worth one point.

- A. budgets Most Voted
- B. resource tags Most Voted
- C. custom role-based access control (RBAC) roles
- D. management groups
- E. Azure boards

[Hide Answer](#)

Suggested Answer: AB 

Community vote distribution

AB (82%)

BD (18%)

topic 1 question 65 discussion

Actual exam question from Microsoft's AZ-305

Question #: 65

Topic #: 1

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

HOTSPOT

-

You have an Azure subscription that contains multiple storage accounts.

You assign Azure Policy definitions to the storage accounts.

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

- Trigger on-demand Azure Policy compliance scans.
- Raise Azure Monitor non-compliance alerts by querying logs collected by Log Analytics.

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.

Answer Area

To trigger the compliance scans, use:

An Azure template
The Azure Command-Line Interface (CLI)
The Azure portal

To generate the non-compliance alerts, configure diagnostic settings for the:

Azure activity logs
Log Analytics workspace
Storage accounts

[Hide Answer](#)

Suggested Answer:

Answer Area

To trigger the compliance scans, use:

An Azure template
The Azure Command-Line Interface (CLI)
The Azure portal

To generate the non-compliance alerts, configure diagnostic settings for the:

Azure activity logs
Log Analytics workspace
Storage accounts

topic 1 question 66 discussion

Actual exam question from Microsoft's AZ-305

Question #: 66

Topic #: 1

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

HOTSPOT

You have an Azure subscription.

You plan to deploy five storage accounts that will store block blobs and five storage accounts that will host file shares. The file shares will be accessed by using the SMB protocol.

You need to recommend an access authorization solution for the storage accounts. The solution must meet the following requirements:

- Maximize security.
- Prevent the use of shared keys.
- Whenever possible, support time-limited access.

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

NOTE: Each correct selection is worth one point.

Answer Area

For the blobs:

- A user delegation shared access signature (SAS) only
- A shared access signature (SAS) and a stored access policy
- A user delegation shared access signature (SAS) and a stored access policy

For the file shares:

- Azure AD credentials
- A user delegation shared access signature (SAS) only
- A user delegation shared access signature (SAS) and a stored access policy

[Hide Answer](#)

Suggested Answer:

Answer Area

For the blobs:

- A user delegation shared access signature (SAS) only
- A shared access signature (SAS) and a stored access policy
- A user delegation shared access signature (SAS) and a stored access policy

For the file shares:

- Azure AD credentials
- A user delegation shared access signature (SAS) only
- A user delegation shared access signature (SAS) and a stored access policy

topic 1 question 67 discussion

Actual exam question from Microsoft's AZ-305

Question #: 67

Topic #: 1

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

HOTSPOT

You have an Azure subscription. The subscription contains 100 virtual machines that run Windows Server 2022 and have the Azure Monitor Agent installed.

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

- Forwards JSON-formatted logs from the virtual machines to a Log Analytics workspace
- Transforms the logs and stores the data in a table in the Log Analytics workspace

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

NOTE: Each correct selection is worth one point.

Answer Area

To forward the logs:

A linked storage account for the Log Analytics workspace
An Azure Monitor data collection endpoint
A service endpoint

To transform the logs and store the data:

A KQL query
A WQL query
An XPath query

[Hide Answer](#)

Suggested Answer:

Answer Area

To forward the logs:

A linked storage account for the Log Analytics workspace
An Azure Monitor data collection endpoint
A service endpoint

To transform the logs and store the data:

A KQL query
A WQL query
An XPath query

topic 1 question 68 discussion

Actual exam question from Microsoft's AZ-305

Question #: 68

Topic #: 1

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

HOTSPOT

You have five Azure subscriptions. Each subscription is linked to a separate Azure AD tenant and contains virtual machines that run Windows Server 2022.

You plan to collect Windows security events from the virtual machines and send them to a single Log Analytics workspace.

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

- Collects event logs from multiple subscriptions
- Supports the use of data collection rules (DCRs) to define which events to collect

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.

Answer Area

To collect the event logs:

Azure Event Grid
Azure Lighthouse
Azure Purview

To support the DCRs:

The Log Analytics agent
The Azure Monitor agent
The Azure Connected Machine agent

[Hide Answer](#)

Suggested Answer:

Answer Area

To collect the event logs:

Azure Event Grid
Azure Lighthouse
Azure Purview

To support the DCRs:

The Log Analytics agent
The Azure Monitor agent
The Azure Connected Machine agent

topic 2 question 1 discussion

Actual exam question from Microsoft's AZ-305

Question #: 1

Topic #: 2

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

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:

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

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

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

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

What should you include in the recommendation?

A. Azure SQL Database elastic pools

B. Azure SQL Managed Instance Most Voted

C. Azure SQL Database single databases

D. SQL Server 2016 on Azure virtual machines

[Hide Answer](#)

Suggested Answer: B 🏆

Community vote distribution

B (100%)

topic 2 question 2 discussion

Actual exam question from Microsoft's AZ-305

Question #: 2

Topic #: 2

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

You have an Azure subscription that contains an Azure Blob Storage account named store1.

You have an on-premises file server named Server1 that runs Windows Server 2016. Server1 stores 500 GB of company files.

You need to store a copy of the company files from Server1 in store1.

Which two possible Azure services achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. an Azure Logic Apps integration account
- B. an Azure Import/Export job Most Voted
- C. Azure Data Factory Most Voted
- D. an Azure Analysis services On-premises data gateway
- E. an Azure Batch account

[Hide Answer](#)

Suggested Answer: BC 

Community vote distribution

BC (98%)

2

topic 2 question 3 discussion

Actual exam question from Microsoft's AZ-305

Question #: 3

Topic #: 2

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

You have an Azure subscription that contains two applications named App1 and App2. App1 is a sales processing application. When a transaction in App1 requires shipping, a message is added to an Azure Storage account queue, and then App2 listens to the queue for relevant transactions.

In the future, additional applications will be added that will process some of the shipping requests based on the specific details of the transactions.

You need to recommend a replacement for the storage account queue to ensure that each additional application will be able to read the relevant transactions.

What should you recommend?

- A. one Azure Data Factory pipeline
- B. multiple storage account queues
- C. one Azure Service Bus queue
- D. one Azure Service Bus topic Most Voted

[Hide Answer](#)

Suggested Answer: D 

Community vote distribution

D (91%)

9%

topic 2 question 4 discussion

Actual exam question from Microsoft's AZ-305

Question #: 4

Topic #: 2

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

HOTSPOT -

You need to design a storage solution for an app that will store large amounts of frequently used data.

The solution must meet the following requirements:

- ⇒ Maximize data throughput.
- ⇒ Prevent the modification of data for one year.
- ⇒ Minimize latency for read and write operations.

Which Azure Storage account type and storage service 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:

BlobStorage
BlockBlobStorage
FileStorage
StorageV2 with Premium performance
StorageV2 with Standard performance

Storage service:

Blob
File
Table

[Hide Answer](#)

Suggested Answer:

Answer Area

Storage account type:

BlobStorage
BlockBlobStorage
FileStorage
StorageV2 with Premium performance
StorageV2 with Standard performance

Storage service:

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Box 1: BlockBlobStorage -

Block Blob is a premium storage account type for block blobs and append blobs. Recommended for scenarios with high transaction rates, or scenarios that use smaller objects or require consistently low storage latency.

Box 2: Blob -

The Archive tier is an offline tier for storing blob data that is rarely accessed. The Archive tier offers the lowest storage costs, but higher data retrieval costs and latency compared to the online tiers (Hot and Cool). Data must remain in the Archive tier for at least 180 days or be subject to an early deletion charge.

Reference:

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