HOTSPOT

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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.
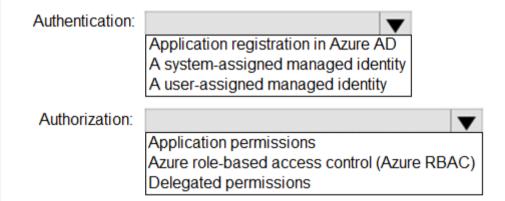
You need to recommend an authentication and authorization solution for the apps. The solution must meet the following requirements:
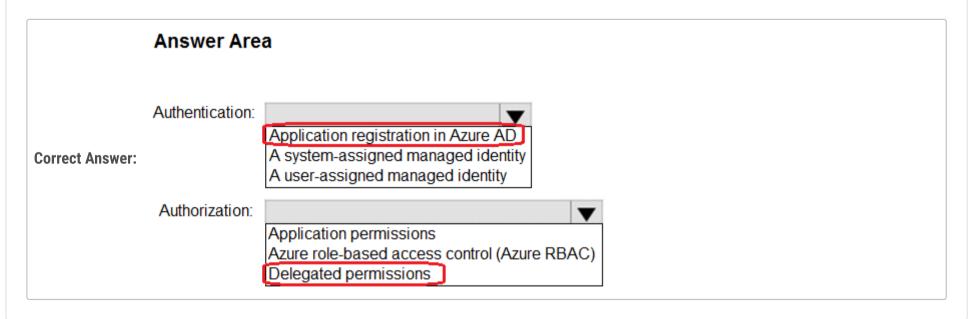
• Use the principle of least privilege.
• Minimize administrative effort.

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

Answer Area

Correct Answer:

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**

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.

C. Configure assignments for the fabrikam.com users by using Azure AD Privileged Identity Management (PIM).

D. Configure Azure AD Identity Protection.

Correct Answer: *B*

Community vote distribution

B (100%)

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.

D. Configure Azure AD join.

Correct Answer: *C*

Community vote distribution

C (100%)

HOTSPOT

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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.	○	○

Answer Area

Statements	Yes	No
Correct Answer: User1 can create a new virtual machine in RG1.	☑	○
User2 can grant permissions to Group2.	○	☑
User3 can create a storage account in RG2.	☑	○

Question #47   *Topic 1*

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.

   D. Configure a Conditional Access policy.

Correct Answer: *C*

Community vote distribution

C (100%)

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.

    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).

Correct Answer: *A*

Community vote distribution

A (100%)

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

    C. administrative units and Azure Lighthouse

    D. resource groups and role assignments

Correct Answer: *B*

Community vote distribution

B (100%)

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

Correct Answer: *D*

Community vote distribution

D (100%)

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

Correct Answer: *D*

Community vote distribution

D (100%)

Question #50

Topic 1

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?

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

Correct Answer:

Answer Area

User1   User Administrator for MarketingAU

User2   Helpdesk Administrator for Marketing

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

C. Application insights

D. Azure Monitor action groups

Correct Answer: *B*

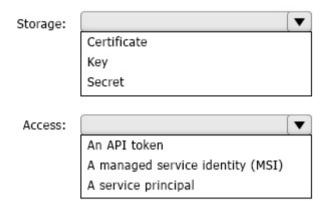*Community vote distribution*

B (100%)

HOTSPOT

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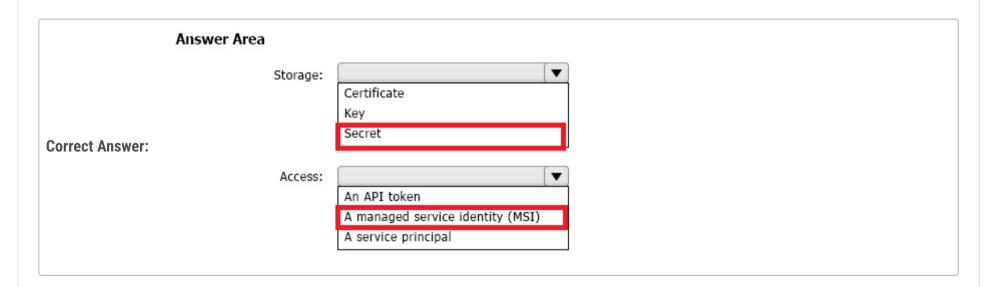
You need to recommend an Azure Key Vault solution for storing and accessing the API key. The solution must minimize administrative effort.

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 |

Answer Area

Correct Answer:

Storage:
| Certificate |
| Key |
| **Secret** |

Access:
| An API token |
| **A managed service identity (MSI)** |
| A service principal |

DRAG DROP

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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   **Answer Area**

| API permissions |

| App roles |

| Token configuration |

App1:   [Blade]

App2:   [Blade]

Correct Answer:

Blades   **Answer Area**

| API permissions |

| App roles |

| Token configuration |

App1: | App roles |

App2: | Token configuration |

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

    D. Azure Monitor metrics

Correct Answer: *C*

Community vote distribution
                          C (100%)

Question #57   *Topic 1*

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

    B. 2

    C. 3

    D. 4

> **Correct Answer:** *C*
>
> *Community vote distribution*
>   A (86%)   11%

Question #58   *Topic 1*

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

> **Correct Answer:** *D*
>
> *Community vote distribution*
>   D (63%)   C (38%)