AZ-301^{Q&As}

Microsoft Azure Architect Design

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QUESTION 1

You have an on-premises Active Directory forest and an Azure Active Directory (Azure AD) tenant. All Azure AD users are assigned a Premium P1 license.

You deploy Azure AD Connect.

Which two features are available in this environment that can reduce operational overhead for your company\\'s help desk? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Azure AD Privileged Identity Management policies

B. access reviews

C. self-service password reset

D. Microsoft Cloud App Security Conditional Access App Control

E. password writeback

Correct Answer: CE

QUESTION 2

DRAG DROP

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

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

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

Which authentication Strategy should you recommend for each application? To answer, drag the appropriate authentication strategies to the correct applications. Each authentication strategy may be used once, more than once, or not at all.

You need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Authentication Strategies

| An Azure AD B2C tenant | An Azure AD v2.0 endpoint |

| An Azure AD v1.0 endpoint |

Answer Area

Customer:

Reporting:

Correct Answer:

Authentication Strategies

| | |

| An Azure AD v1.0 endpoint |

Answer Area

Customer: An Azure AD v2.0 endpoint

Reporting: An Azure AD B2C tenant

Box 1: Azure AD V2.0 endpoint

Microsoft identity platform is an evolution of the Azure Active Directory (Azure AD) developer platform. It allows developers to build applications that sign in all Microsoft identities and get tokens to call Microsoft APIs, such as Microsoft Graph,

or APIs that developers have built. The Microsoft identity platform consists of:

OAuth 2.0 and OpenID Connect standard-compliant authentication service that enables developers to authenticate any Microsoft identity, including:

Work or school accounts (provisioned through Azure AD)

Personal Microsoft accounts (such as Skype, Xbox, and Outlook.com)

Social or local accounts (via Azure AD B2C)

Box 2: Azure AD B2C tenant

Azure Active Directory B2C provides business-to-customer identity as a service. Your customers use their preferred social, enterprise, or local account identities to get single sign-on access to your applications and APIs.

Azure Active Directory B2C (Azure AD B2C) integrates directly with Azure Multi-Factor Authentication so that you can add a second layer of security to sign-up and sign-in experiences in your applications.

Reference:

https://docs.microsoft.com/en-us/azure/active-directory-b2c/active-directory-b2c-reference-mfa

https://docs.microsoft.com/en-us/azure/active-directory/develop/v2-overview

QUESTION 3

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

A. Azure Network Watcher

B. an action group

C. a SendGrid account with advanced reporting

D. Azure AD Connect Health

Correct Answer: D

References: https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-healthoperations

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QUESTION 4

You have an Azure subscription.

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

You plan to copy the files to Azure Storage.

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

1.

 The files must be available within 24 hours of being requested.

2.

 Storage costs must be minimized.

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

NOTE: Each correct selection is worth one point.

A. Create a general-purpose v2 storage account that is set to the Cool access tier. Create a file share in the storage account and copy the files to the file share.

B. Create a general-purpose v2 storage account that is set to the Host access tier. Create a blob container, copy the files to the blob container, and set each file to the Archive access tier.

C. Create a general-purpose v1 storage account. Create a file share in the storage account and copy the files to the file share.

D. Create an Azure Blob storage account that is set to the Cool access tier. Create a blob container, copy the files to the blob container, and set each file to the Archive access tier.

E. Create a general-purpose v1 storage account. Create a blob container and copy the files to the blob container.

Correct Answer: AE

A: Azure storage offers different access tiers, which allow you to store blob object data in the most cost-effective

manner.

The Cool access tier is optimized for storing data that is infrequently accessed and stored for at least 30 days.

E: Using a file share is cheaper than using a blob container.

Incorrect Answers:

B, D: The Archive tier is optimized for storing data that is rarely accessed and stored for at least 180 days with flexible latency requirements (on the order of hours).

C: Using a Blob container would be cheaper than using a file share.

References:

https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers

QUESTION 5

You are designing a container solution in Azure that will include two containers. One container will host a web API that will be available to the public. The other container will perform health monitoring of the web API and will remain private.

The two containers will be deployed together as a group.

You need to recommend a compute service for the containers. The solution must minimize costs and maintenance overhead.

What should you include in the recommendation?

A. Azure Service Fabric

B. Azure Container Service

C. Azure Kubernetes Service (AKS)

D. Azure Container Instances

Correct Answer: D

Azure Container Instances supports the deployment of multiple containers onto a single host using a container group. A container group is useful when building an application sidecar for logging, monitoring, or any other configuration where a service needs a second attached process.

Reference: https://docs.microsoft.com/en-us/azure/container-instances/container-instances-multi-container-group

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