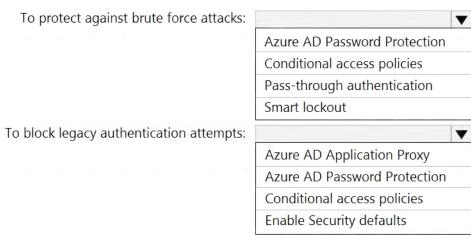**QUESTION 59**
HOTSPOT
You have the Free edition of a hybrid Azure Active Directory (Azure AD) tenant. The tenant uses password hash synchronization.
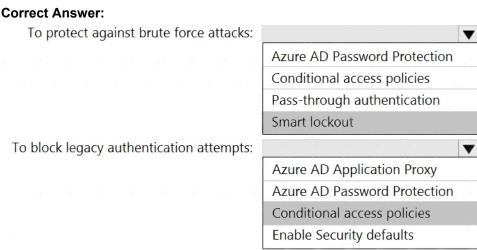
You need to recommend a solution to meet the following requirements:

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

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

NOTE: Each correct selection is worth one point.

To protect against brute force attacks: ▼

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

To block legacy authentication attempts: ▼

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

Correct Answer:

To protect against brute force attacks: ▼

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

To block legacy authentication attempts: ▼

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

QUESTION 60
DRAG DROP
You are planning an Azure solution that will host production databases for a high-performance application.

The solution will include the following components:

- Two virtual machines that will run Microsoft SQL Server 2016, will be deployed to different data centers in the same Azure region, and will be part of an Always On availability group.
- SQL Server data that will be backed up by using the Automated Backup feature of the SQL Server IaaS Agent Extension (SQLIaaSExtension)

You identify the storage priorities for various data types as shown in the following table.

Data type	Storage priority
Operating system	Speed and availability
Databases and logs	Speed and availability
Backups	Lowest cost

Which storage type should you recommend for each data type? To answer, drag the appropriate storage types to the correct data types. Each storage type 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.

Storage Types

A geo-redundant storage (GRS) account

A locally-redundant storage (LRS) account

A premium managed disk

A standard managed disk

Answer Area

Operating system: [   ]

Databases and logs: [   ]

Backups: [   ]

Correct Answer:

Storage Types

A geo-redundant storage (GRS) account

A locally-redundant storage (LRS) account

A premium managed disk

A standard managed disk

Answer Area

Operating system: | A premium managed disk |

Databases and logs: | A premium managed disk |

Backups: | A locally-redundant storage (LRS) account |

QUESTION 61
You plan to automate the deployment of resources to Azure subscriptions. What is a difference between using Azure Blueprints and Azure Resource Manager templates?

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

Correct Answer: C
Explanation:
With Azure Blueprints, the relationship between the blueprint definition (what should be deployed) and the blueprint assignment (what was deployed) is preserved. This connection supports improved tracking and auditing of deployments. Azure Blueprints can also upgrade several subscriptions at once that are governed by the same blueprint.

Reference:
https://docs.microsoft.com/en-us/answers/questions/26851/how-is-azure-blue-prints-different-from-resource-m.html

QUESTION 62
You have an app named App1 that uses two on-premises Microsoft SQL Server databases named DB1 and DB2.

You plan to migrate DB1 and DB2 to Azure.

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

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

What should you recommend?

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

Correct Answer: A
Explanation:
When both the database management system and client are under the same ownership (e.g. when SQL Server is deployed to a virtual machine), transactions are available and the lock duration can be controlled.

Reference:
https://docs.particular.net/nservicebus/azure/understanding-transactionality-in-azure

QUESTION 63
HOTSPOT
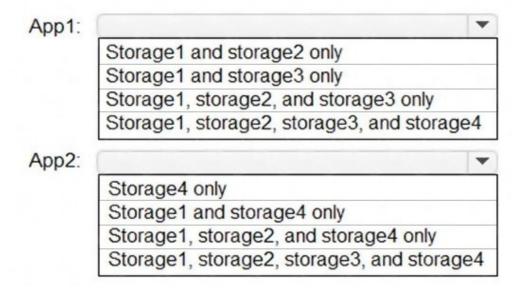You have an Azure subscription that contains the storage accounts shown in the following table.

Name	Type	Performance
storage1	StorageV2	Standard
storage2	SrorageV2	Premium
storage3	BlobStorage	Standard
storage4	FileStorage	Premium

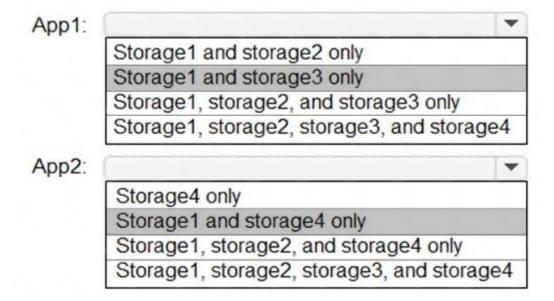You plan to implement two new apps that have the requirements shown in the following table.

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

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

NOTE: Each correct selection is worth one point.

App1:
- Storage1 and storage2 only
- Storage1 and storage3 only
- Storage1, storage2, and storage3 only
- Storage1, storage2, storage3, and storage4

App2:
- Storage4 only
- Storage1 and storage4 only
- Storage1, storage2, and storage4 only
- Storage1, storage2, storage3, and storage4

Correct Answer:

App1:

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

App2:

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

QUESTION 64

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.

Which type of identity should you include in the recommendation?

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

Correct Answer: D
Explanation:
Managed identities for Azure resources is a feature of Azure Active Directory.

User-assigned managed identity can be shared. The same user-assigned managed identity can be associated with more than one Azure resource.

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview

QUESTION 65