NOTE: Each correct selection is worth one point.

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 |

Correct Answer:

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 |

QUESTION 73

Your company has an app named App1 that uses data from the on-premises Microsoft SQL Server databases shown in the following table.

Name	Size
DB1	450 GB
DB2	250 GB
DB3	300 GB
DB4	50 GB

App1 and the data are used on the first day of the month only. The data is not expected to grow more than 3% each year.

The company is rewriting App1 as an Azure web app and plans to migrate all the data to Azure.

You need to migrate the data to Azure SQL Database. The solution must minimize costs.

Which service tier should you use?

A.   vCore-based Business Critical
B.   vCore-based General Purpose
C.   DTU-based Standard
D.   DTU-based Basic

Correct Answer: C
Explanation:
DTU-based Standard supports databases up to 1 TB in size.

Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/service-tiers-dtu

QUESTION 74
Your company has 300 virtual machines hosted in a VMware environment. The virtual machines vary in size and have various utilization levels.

You plan to move all the virtual machines to Azure.

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

What should you use to make the recommendation?

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

Correct Answer: C
Explanation:
https://docs.microsoft.com/en-us/azure/migrate/migrate-appliance#collected-data---vmware

"Metadata discovered by the Azure Migrate appliance helps you to figure out whether servers are ready for migration to Azure, right-size servers, plans costs, and analyze application dependencies".

https://docs.microsoft.com/en-us/learn/modules/design-your-migration-to-azure/2-plan-your-azure-migration

QUESTION 75
You have an Azure subscription that contains a Basic Azure virtual WAN named Virtual/WAN1 and the virtual hubs shown in the following table.

Name	Azure region
Hub1	US East
Hub2	US West

You have an ExpressRoute circuit in the US East region.

You need to create an ExpressRoute association to VirtualWAN1.

What should you do first?

A. Upgrade VirtualWAN1 to Standard.
B. Create a gateway on Hub1.
C. Create a hub virtual network in US East.
D. Enable the ExpressRoute premium add-on.

Correct Answer: A
Explanation:
US East and US West are in the same geopolitical region so there is no need for enabling ExpressRoute premium add-on

https://docs.microsoft.com/en-us/azure/virtual-wan/virtual-wan-about#basicstandard

The current config of virtual WAN is only Basic as given, so it can connect to only site to site VPN, to connect to express route it needs to be upgraded from basic to standard.

https://docs.microsoft.com/en-us/azure/virtual-wan/virtual-wan-about
https://docs.microsoft.com/en-us/azure/virtual-wan/virtual-wan-about

QUESTION 76
You plan to migrate data to Azure.

The IT department at your company identifies the following requirements:

▪ The storage must support 1 PB of data.
▪ The data must be stored in blob storage.
▪ The storage must support three levels of subfolders.
▪ The storage must support access control lists (ACLs).

You need to meet the requirements.

What should you use?

A. a premium storage account that is configured for block blobs
B. a general purpose v2 storage account that has hierarchical namespace enabled
C. a premium storage account that is configured for page blobs
D. a premium storage account that is configured for files shares and supports large file shares

Correct Answer: B
Explanation:
Microsoft recommends that you use a GPv2 storage account for most scenarios. It supports up to 5 PB, and blob storage including Data Lake storage.

Note:
A key mechanism that allows Azure Data Lake Storage Gen2 to provide file system performance at object storage scale and prices is the addition of a hierarchical namespace. This allows the collection of objects/files within an account to be organized into a hierarchy of directories and nested subdirectories in the same way that the file system on your computer is organized. With a hierarchical namespace enabled, a storage account becomes capable of providing the scalability and cost-effectiveness of object storage, with file system semantics that are familiar to analytics engines and frameworks.

References:

https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview
https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-namespace

QUESTION 77
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 78
You deploy two instances of an Azure web app. One instance is in the East US Azure region and the other instance is in the West US Azure region. The web app uses Azure Blob storage to deliver large files to end users.

You need to recommend a solution for delivering the files to the users. The solution must meet the following requirements:

▪ Ensure that the users receive files from the same region as the web app that they access.
▪ Ensure that the files only need to be updated once.
▪ Minimize costs.

What should you include in the recommendation?

A. Azure File Sync
B. Distributed File System (DFS)
C. read-access geo-redundant storage (RA-GRS)
D. geo-redundant storage (GRS)

Correct Answer: C

QUESTION 79
You have the Azure resources shown in the following table.

Name	Type	Location
US-Central-Firewall-policy	Azure Firewall policy	Central US
US-East-Firewall-policy	Azure Firewall policy	East US
EU-Firewall-policy	Azure Firewall policy	West Europe
USEastfirewall	Azure Firewall	Central US
USWestfirewall	Azure Firewall	East US
EUFirewall	Azure Firewall	West Europe