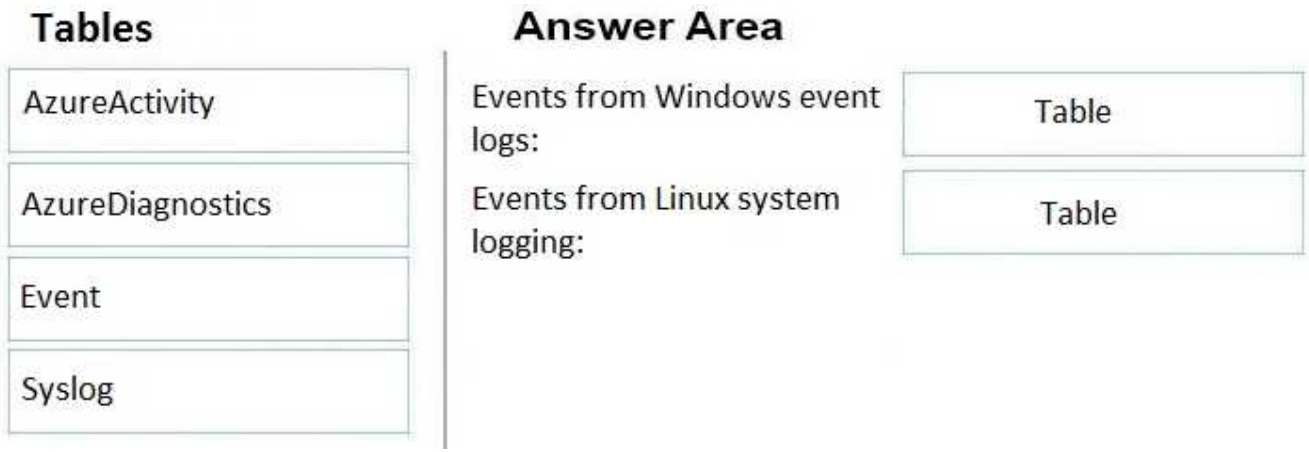

Answer:

Events from Windows event logs:	Event
Events from Linux system logging:	Syslog

Explanation:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/log-analytics-agent
Windows Event logs --> Information sent to the Windows event logging system. Syslog --> Information sent to the Linux event logging system.

QUESTION 45
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. management groups
B. subscriptions
C. Azure Active Directory (Azure AD) tenants
D. resource groups

E. Azure Active Directory (Azure AD) administrative units
F. compute resources

Answer: A, D, E

Explanation:
Azure Policy evaluates resources in Azure by comparing the properties of those resources to business rules.
Once your business rules have been formed, the policy definition or initiative is assigned to any scope of resources that Azure supports, such as management groups, subscriptions, resource groups, or individual resources.
Reference:
https://docs.microsoft.com/en-us/azure/governance/policy/overview

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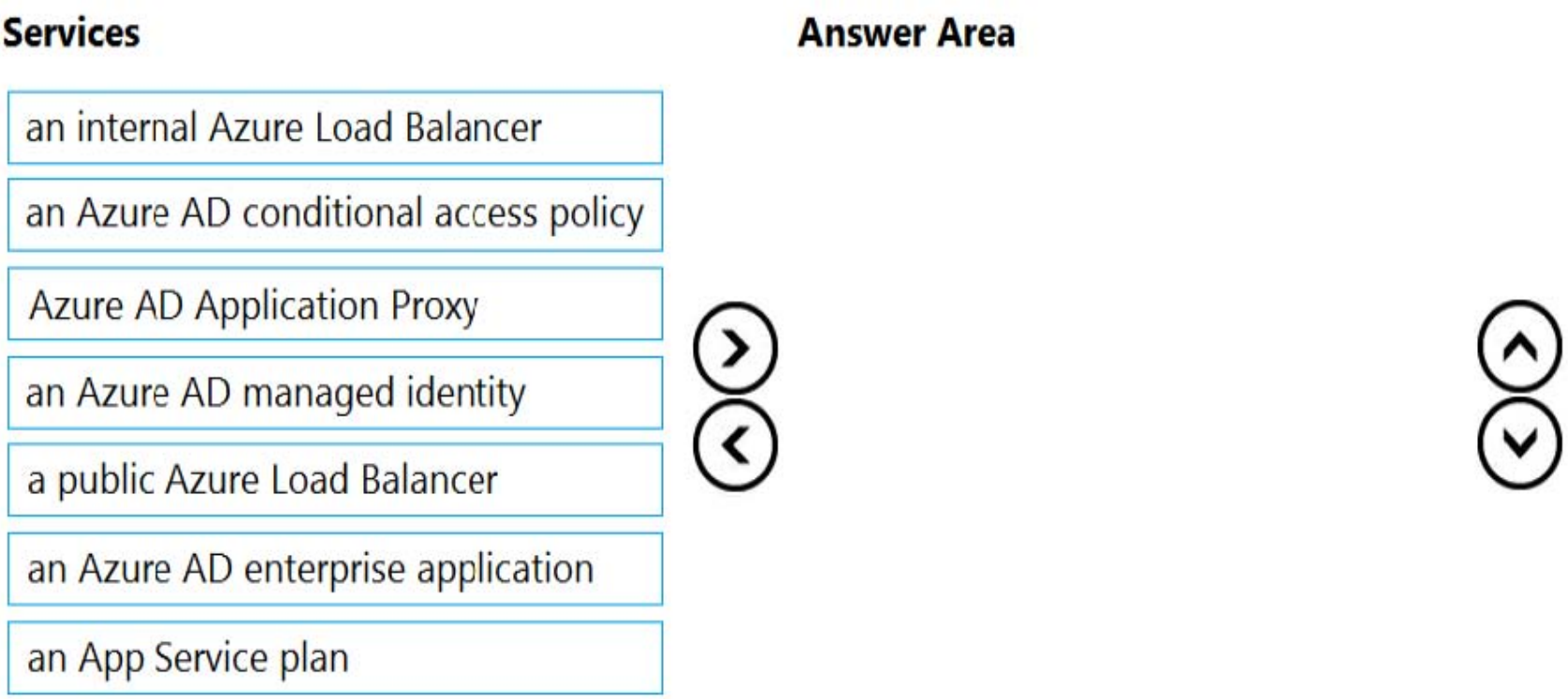
QUESTION 46
DRAG DROP
Your on-premises network contains a server named Server1 that runs an ASP.NET application named App1.
You have a hybrid deployment of Azure Active Directory (Azure AD).
You need to recommend a solution to ensure that users sign in by using their Azure AD account and Azure Multi-Factor Authentication (MFA) when they connect to App1 from the internet.
Which three Azure services should you recommend be deployed and configured in sequence? To answer, move the appropriate services from the list of services to the answer area and arrange them in the correct order.



Answer:

Explanation:
AD Application Proxy
AD Enterprise Application
AD Conditional access policy
https://thesleepyadmins.com9/02/

QUESTION 47
You need to recommend a solution to generate a monthly report of all the new Azure Resource Manager resource deployment in your subscription. What should you include in the recommendation?

A. Azure Analysis Services
B. Application Insights

C. Azure Monitor action groups
D. Azure Log Analytics

Answer: D

Explanation:
Activity logs are kept for 90 days. You can query for any range of dates, as long as the starting date isn't more than 90 days in the past.
Through activity logs, you can determine:
what operations were taken on the resources in your subscription
who started the operation
when the operation occurred
the status of the operation
the values of other properties that might help you research the operation
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/view-activity-logs
https://docs.microsoft.com/en-us/azure/automation/change-tracking

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QUESTION 48
You have 100 servers that run Windows Server 2012 R2 and host Microsoft SQL Server 2012 R2 instances. The instances host databases that have the following characteristics:
The largest database is currently 3 TB. None of the databases will ever exceed 4 TB.
Stored procedures are implemented by using CLR.
You plan to move all the data from SQL Server to Azure.
You need to recommend an Azure service to host the databases. The solution must meet the following requirements:
Whenever possible, minimize management overhead for the migrated databases.
Minimize the number of database changes required to facilitate the migration.
Ensure that users can authenticate by using their Active Directory credentials.
What should you include in the recommendation?

A. Azure SQL Database single databases
B. Azure SQL Database Managed Instance
C. Azure SQL Database elastic pools
D. SQL Server 2016 on Azure virtual machines

Answer: B

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance
SQL Managed Instance allows existing SQL Server customers to lift and shift their on-premises applications to the cloud with minimal application and database changes. At the same time, SQL Managed Instance preserves all PaaS capabilities (automatic patching and version updates, automated backups, high availability) that drastically reduce management overhead and TCO.
https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/transact-sql-tsql-differencessql-server#clr
https://docs.microsoft.com/en-gb/azure/azure-sql/database/transact-sql-tsql-differences-sqlserver#transact-sql-syntax-not-supported-in-azure-sql-database

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QUESTION 49
You have an Azure subscription that contains an Azure Blob storage account named store1.
You have an on-premises file server named Setver1 that runs Windows Sewer 2016. Server1 stores 500 GB of company files.
You need to store a copy of the company files from Server 1 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 Batch account
B. an integration account
C. an On-premises data gateway
D. an Azure Import/Export job
E. Azure Data factory

Answer: D, E

Explanation:
https://docs.microsoft.com/en-us/azure/storage/common/storage-import-export-data-from-blobs
https://docs.microsoft.com/en-us/answers/questions13/fastest-method-to-copy-500gb-tablefrom-on-premise.html

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QUESTION 50
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 Service Bus queue
B. one Azure Service Bus topic
C. one Azure Data Factory pipeline
D. multiple storage account queues

Answer: B

Explanation:
A queue allows processing of a message by a single consumer. In contrast to queues, topics and subscriptions provide a one-to-many form of communication in a publish and subscribe pattern. It's useful for scaling to large numbers of recipients. Each published message is made available to each subscription registered with the topic. Publisher sends a message to a topic and one or more subscribers receive a copy of the message, depending on filter rules set on these subscriptions.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-queues-topicssubscriptions

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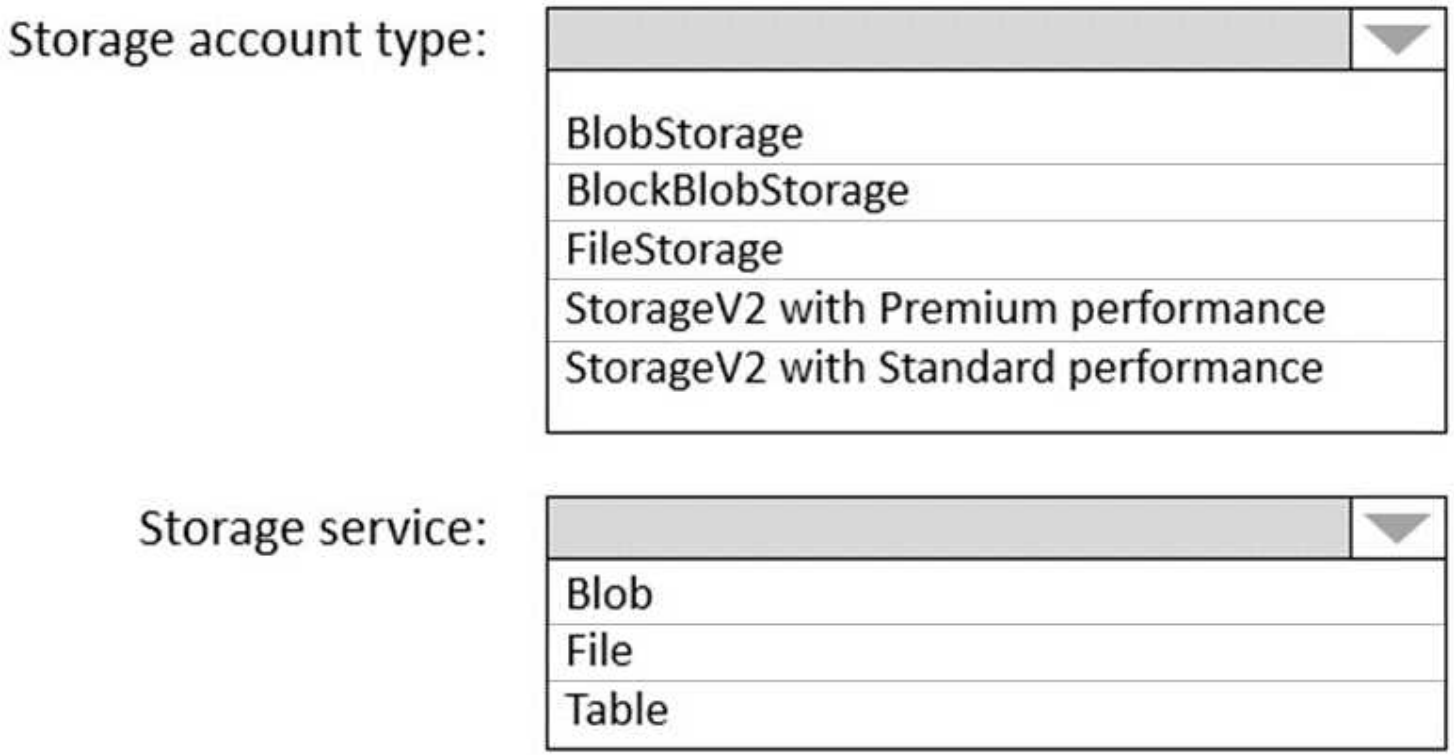
QUESTION 51
HOTSPOT
You need to design a storage solution for an app that will store large amounts of frequently used dat a. The solution must meet the following requirements:
Maximize data throughput.
Prevent the modification of data for one year.
Minimize latency for read and write operations.
Which 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.



Answer:

Explanation:
Box 1: BlockBlobStorage
Block Blob is a premium storage account type for block blobs and append blobs. Recommended for scenarios with high transactions 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

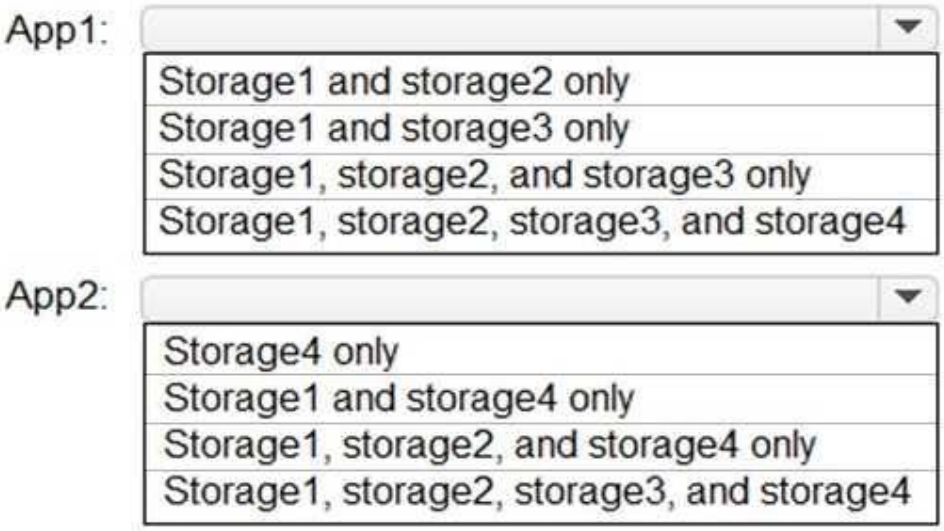
QUESTION 52
HOTSPOT
You have an Azure subscription that contains the storage accounts shown in the following table.

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.



Answer:

Explanation:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview
https://www.edureka.co/community11/different-storage-accounts-there-major-differencebetween
https://insidemstech.com/tag/general-purpose-v2/
In conclusion the correct answers are:
Box1 --> Storage1 and Storage3 only
Box2 --> Storage1 and Storage4 only
https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-create-file-share?tabs=azureportal#basics

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QUESTION 53
The application will host video files that range from 50 MB to 12 GB. The application will use certificate-based authentication and will be available to users on the internet.
You need to recommend a storage option for the video files. The solution must provide the fastest read performance and must minimize storage costs.
What should you recommend?

A. Azure Files

B. Azure Data Lake Storage Gen2
C. Azure Blob Storage
D. Azure SQL Database

Answer: C

Explanation:
Blob Storage: Stores large amounts of unstructured data, such as text or binary data, that can be accessed from anywhere in the world via HTTP or HTTPS. You can use Blob storage to expose data publicly to the world, or to store application data privately.
Max file in Blob Storage. 4.77 TB.
Reference:
https://docs.microsoft.com/en-us/azure/architecture/solution-ideas/articles/digital-media-video

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QUESTION 54
You ate designing a SQL database solution. The solution will include 20 databases that will be 20 GB each and have varying usage patterns. You need to recommend a database platform to host the databases. The solution must meet the following requirements:
The compute resources allocated to the databases must scale dynamically.
The solution must meet an SLA of 99.99% uptime.
The solution must have reserved capacity.
Compute charges must be minimized.
What should you include in the recommendation?

A. 20 databases on a Microsoft SQL server that runs on an Azure virtual machine
B. 20 instances of Azure SQL Database serverless
C. 20 databases on a Microsoft SQL server that runs on an Azure virtual machine in an availability set
D. an elastic pool that contains 20 Azure SQL databases

Answer: D

Explanation:
Azure SQL Database elastic pools are a simple, cost-effective solution for managing and scaling multiple databases that have varying and unpredictable usage demands. The databases in an elastic pool are on a single server and share a set number of resources at a set price. Elastic pools in Azure SQL Database enable SaaS developers to optimize the price performance for a group of databases