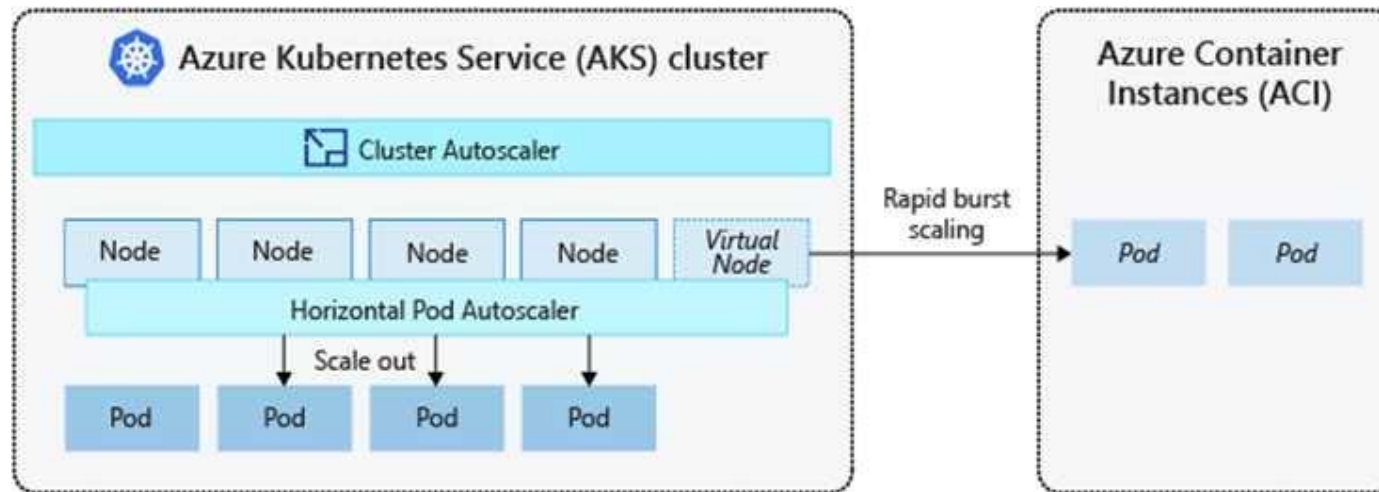Your application requires no modification to use virtual nodes. Deployments can scale across AKS and
ACI and with no delay as cluster autoscaler deploys new nodes in your AKS cluster.

Note: AKS clusters can scale in one of two ways:
The cluster autoscaler watches for pods that can't be scheduled on nodes because of resource
constraints. The cluster then automatically increases the number of nodes.
The horizontal pod autoscaler uses the Metrics Server in a Kubernetes cluster to monitor the
resource demand of pods. If an application needs more resources, the number of pods is
automatically increased to meet the demand.
Reference:
https://docs.microsoft.com/en-us/azure/aks/concepts-scale5

QUESTION 163
HOTSPOT
You are designing an Azure web app.
You plan to deploy the web app to the North Europe Azure region and the West Europe Azure region.
You need to recommend a solution for the web app. The solution must meet the following
requirements:
Users must always access the web app from the North Europe region, unless the region fails.
The web app must be available to users if an Azure region is unavailable.
Deployment costs must be minimized.
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.

Request routing method:

| A Traffic Manager profile |
| Azure Application Gateway |
| Azure Load Balancer |

Request routing configuration:

| Cookie-based session affinity |
| Performance traffic routing |
| Priority traffic routing |
| Weighted traffic routing |

Answer:

Request routing method:

| A Traffic Manager profile |
| Azure Application Gateway |
| Azure Load Balancer |

Request routing configuration:

| Cookie-based session affinity |
| Performance traffic routing |
| Priority traffic routing |
| Weighted traffic routing |

Explanation:

QUESTION 164
You have the resources shown in the following table.

Name	Type
AS1	Azure Synapse Analytics instance
CDB1	Azure Cosmos DB SQL API account

CDB1 hosts a container that stores continuously updated operational data
You are designing a solution that will use AS1 to analyze the operational data dairy.
You need to recommend a solution to analyze the data without affecting the performance of the operational data store.
What should you include in the recommendation?

A. Azure Data Factory with Azure Cosmos DB and Azure Synapse Analytics connectors
B. Azure Synapse Analytics with PolyBase data loading
C. Azure Cosmos DB change feed

Answer: B

Explanation:

QUESTION 165
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.

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-wanabout#
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

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QUESTION 166
You plan to migrate App1 to Azure. The solution must meet the authentication and authorization
requirements.
Which of the endpoint should App1 use to obtain an access token?

A. Microsoft identify platform
B. Azure AD
C. Azure instance Service (IMDS)
D. Azure Service management

Answer: A

Explanation:

QUESTION 167
HOTSPOT
You need to implement the Azure RBAC role assignment. The solution must meet the authentication
and authorization requirements.
How many assignment should you configure for the Network Contributor role for Role1? To answer,
select appropriate in the answer area.
NOTE:

Network Contributor:
```
1
2
15
```

Role1:
```
1
```

Answer:

Answer Area

Network Contributor: 2 ▼

Role1: 2 ▼
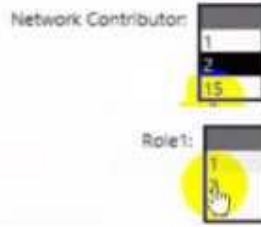
Explanation:

QUESTION 168
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.

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/questions51/how-is-azure-blue-prints-differentfrom-
resource-m.html

QUESTION 169
You have an Azure subscription that contains an Azure SQL database.
You are evaluating whether to use Azure reservations on the Azure SQL database.
Which tool should you use to estimate the potential savings?

A. The Purchase reservations blade in the Azure portal
B. The Advisor blade in the Azure portal
C. The SQL database blade in the Azure portal

Answer: A

Explanation:
Buy reserved capacity
Sign in to the Azure portal.
Select All services > Reservations.
Select Add and then in the Purchase Reservations pane, select SQL Database to purchase a new
reservation for SQL Database.
Fill in the required fields. Existing databases in SQL Database and SQL Managed Instance that match
the attributes you select qualify to get the reserved capacity discount. The actual number of
databases or managed instances that get the discount depends on the scope and quantity selected.

Review the cost of the capacity reservation in the Costs section.

Select Purchase.

Select View this Reservation to see the status of your purchase.

Reference:

https://docs.microsoft.com/en-us/azure/azure-sql/database/reserved-capacity-overview

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QUESTION 170

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

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

You have an Azure subscription that contains an Azure SQL database.
You plan to use Azure reservations on the Azure SQL database.
To which resource type will the reservation discount be applied?

A. vCore compute
B. DTU compute
C. Storage
D. License

Answer: A

Explanation:
Quantity: The amount of compute resources being purchased within the capacity reservation. The
quantity is a number of vCores in the selected Azure region and Performance tier that are being
reserved and will get the billing discount. For example, if you run or plan to run multiple databases
with the total compute capacity of Gen5 16 vCores in the East US region, then you would specify the
quantity as 16 to maximize the benefit for all the databases.
Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/reserved-capacity-overview

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You are designing an Azure Cosmos DB solution that will host multiple writable replicas in multiple
Azure regions.
You need to recommend the strongest database consistency level for the design. The solution must
meet the following requirements:

Provide a latency-based Service Level Agreement (SLA) for writes.
Support multiple regions.
Which consistency level should you recommend?

A. bounded staleness
B. strong
C. session
D. consistent prefix

Answer: A

Explanation:
Each level provides availability and performance tradeoffs. The following image shows the different consistency levels as a spectrum.
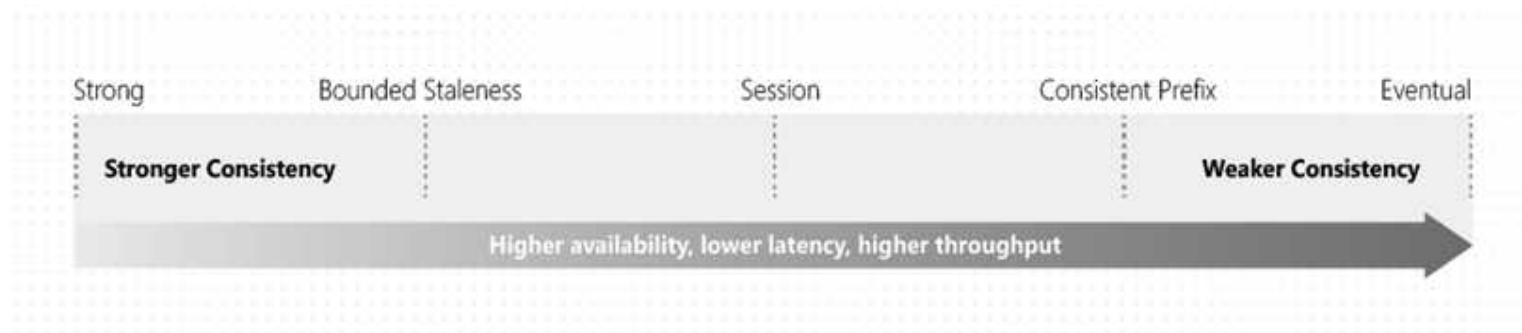
Note: The service offers comprehensive 99.99% SLAs which covers the guarantees for throughput, consistency, availability and latency for the Azure Cosmos DB Database Accounts scoped to a single Azure region configured with any of the five Consistency Levels or Database Accounts spanning multiple Azure regions, configured with any of the four relaxed Consistency Levels.
Reference:
https://azure.microsoft.com/en-us/support/legal/sla/cosmos-db/v1_3/
https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels#consistency-levels-andlatency

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QUESTION 173
Your company has offices in the United States, Europe, Asia, and Australia.
You have an on-premises app named App1 that uses Azure Table storage. Each office hosts a local instance of App1.