reconcile inventory.

Delivery services
Store service telemetry data in Azure Cosmos DB by using an Azure Function. Data must include an item id. the delivery vehicle license plate, vehicle package capacity, and current vehicle location coordinates.

Store delivery driver profile information in Azure Active Directory Azure AD) by using an Azure Function called from the corporate website.

Inventory services
The company has contracted a third-party to develop an API for inventory processing that requires access to a specific blob within the retail store storage account for three months to include read-only access to the data.

Security
All Azure Functions must centralize management and distribution of configuration data for different environments and geographies, encrypted by using a company-provided RSA-HSM key.

Authentication and authorization must use Azure AD and services must use managed identities where possible.

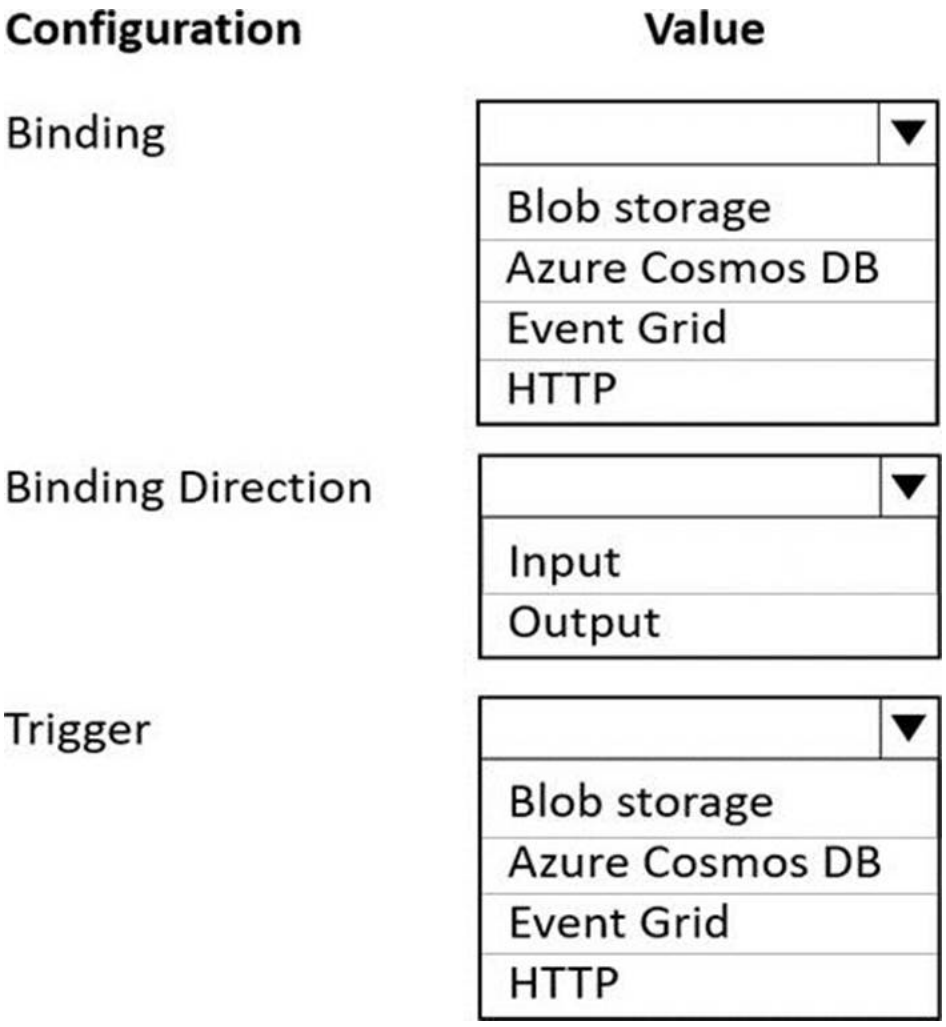
Retail Store Locations
You must perform a point-in-time restoration of the retail store location data due to an unexpected and accidental deletion of data.

Azure Cosmos DB queries from the Azure Function exhibit high Request Unit (RU) usage and contain multiple, complex queries that exhibit high point read latency for large items as the function app is scaling.

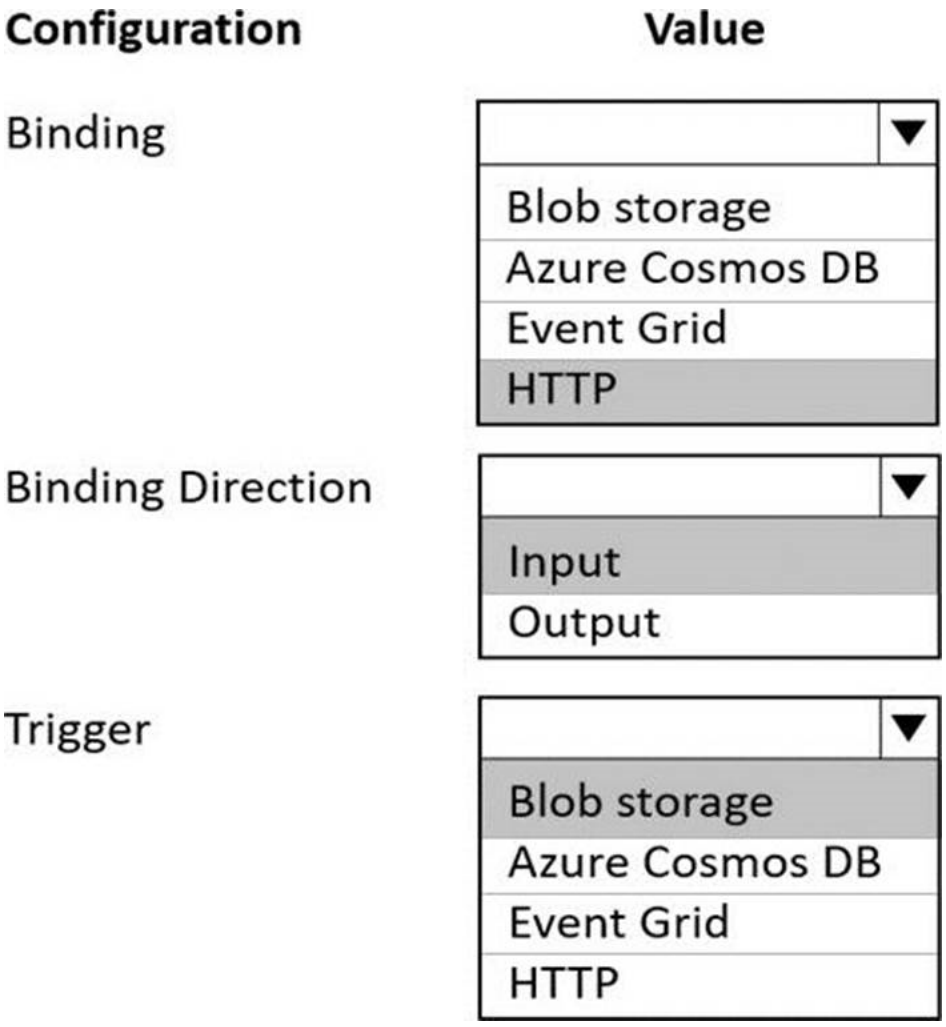
QUESTION 1
HOTSPOT
You need to Implement the retail store location Azure Function.

How should you configure the solution? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Correct Answer:



QUESTION 2
You need to audit the retail store sales transactions.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Update the retail store location data upload process to include blob index tags. Create an Azure Function to process the blob index tags and filter by store location
B. Enable blob versioning for the storage account. Use an Azure Function to process a list of the blob versions per day.
C. Process an Azure Storage blob inventory report by using an Azure Function. Create rule filters on the blob inventory report,
D. Subscribe to blob storage events by using an Azure Function and Azure Event Grid. Filter the events by store location.
E. Process the change feed logs of the Azure Blob storage account by using an Azure Function. Specify a time range for the change feed data.

Correct Answer: DE

Explanation:
Scenario: Audit store sale transaction information nightly to validate data, process sales financials, and reconcile inventory.

"Process the change feed logs of the Azure Blob storage account by using an Azure Function. Specify a time range for the change feed data": Change feed support is well-suited for scenarios that process data based on objects that have changed. For example, applications can:

Store, audit, and analyze changes to your objects, over any period of time, for security, compliance or intelligence for enterprise data management.

"Subscribe to blob storage events by using an Azure Function and Azure Event Grid. Filter the events by store location": Azure Storage events allow applications to react to events, such as the creation and deletion of blobs. It does so without the need for complicated code or expensive and inefficient polling services. The best part is you only pay for what you use.

Blob storage events are pushed using Azure Event Grid to subscribers such as Azure Functions, Azure Logic Apps, or even to your own http listener. Event Grid provides reliable event delivery to your applications through rich retry policies and dead-lettering.

Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-change-feed
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-event-overview

QUESTION 3
You need to secure the Azure Functions to meet the security requirements.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Store the RSA-HSM key in Azure Cosmos DB. Apery the built-in policies for customer-managed keys and allowed locations.
B. Create a free tier Azure App Configuration instance with a new Azure AD service principal.
C. Store the RSA-HSM key in Azure Key Vault with soft-delete and purge-protection features enabled.
D. Store the RSA-HSM key in Azure Blob storage with an Immutability policy applied to the container.
E. Create a standard tier Azure App Configuration instance with an assigned Azure AD managed identity.

Correct Answer: CE
Explanation:
Scenario:
All Azure Functions must centralize management and distribution of configuration data for different environments and geographies, encrypted by using a company-provided RSA-HSM key.

Microsoft Azure Key Vault is a cloud-hosted management service that allows users to encrypt keys and small secrets by using keys that are protected by hardware security modules (HSMs).

You need to create a managed identity for your application.

Reference:
https://docs.microsoft.com/en-us/azure/app-service/app-service-key-vault-references
QUESTION 4

You need to implement a solution to resolve the retail store location data issue.

Which three Azure Blob features should you enable? Each correct answer presents pan ol the solution.

NOTE Each correct selection is worth one point

A. Immutability
B. Snapshots
C. Versioning
D. Soft delete
E. Object replication
F. Change feed

Correct Answer: CDF
Explanation:
Scenario:
You must perform a point-in-time restoration of the retail store location data due to an unexpected and accidental deletion of data.

Before you enable and configure point-in-time restore, enable its prerequisites for the storage account: soft delete, change feed, and blob versioning.

Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/point-in-time-restore-manage

Topic 8, Misc. Questions

QUESTION 1
You have an Azure Cosmos 06 instance that uses the Strong consistency level and 10,000 Request Units (RUs) per container. <3eo-replication is enabled.

The instance stores restaurant information including location, menu items, and start. You currently store information for 1,000 restaurant locations, 500 menu items, and 10,000 staff members. You select the location id as the partition key.

How many logical partitions will be created for the container?

A. 500
B. 1,100
C. 10.000
D. 10,000,000

Correct Answer: C

QUESTION 2
HOTSPOT