Exam Questions AZ-204

Developing Solutions for Microsoft Azure

https://www.2passeasy.com/dumps/AZ-204/

NEW QUESTION 1
- (Topic 8)
You are developing a road tollway tracking application that sends tracking events by using Azure Event Hubs using premium tier.
Each road must have a throttling policy uniquely assigned.
You need to configure the event hub to allow for per-road throttling. What should you do?

A. Ensure each road has a unique connection string.
B. Use a unique consumer group for each road
C. Use a unique application group for each road
D. Ensure each road stores events in a different partition.

Answer: D

NEW QUESTION 2
- (Topic 8)
You are developing several Azure API Management (APIM) hosted APIs. The APIs have the following requirements:
Require a subscription key to access all APIs.
• Include terms of use that subscribers must accept to use the APIs.
• Administrators must review and accept or reject subscription attempts.
• Limit the count of multiple simultaneous subscriptions. You need to implement the APIs.
What should you do? OB.

A. Create and publish a product.
B. Configure and apply query string-based versioning.
C. Configure and apply header-based versioning.
D. Add a new revision to all API
E. Make the revisions current and add a change log entr

Answer: B

NEW QUESTION 3
- (Topic 8)
The solution must receive and store messages until they can be processed. You create an Azure Service Bus instance by providing a name, pricing tier, subscription, resource group, and location.
You need to complete the configuration.
Which Azure CLI or PowerShell command should you run?
A)
```
New-AzureRmResourceGroup
  -Name fridge-rg
  -Location fridge-loc
```
B)
```
connectionString=$(az servicebus namespace authorization-rule keys list
  --resource-group fridge-rg
  --fridge-ns fridge-ns
  --name RootManageSharedAccessKey
  --query primaryConnectionString --output tsv)
```
C)
```
New-AzureRmServiceBusQueue
  -ResourceGroupName fridge-rg
  -NamespaceName fridge-ns
  -Name fridge-q
  -EnablePartitioning $False
```
D)
```
New-AzureRmServiceBusNamespace
  -ResourceGroupName fridge-rg
  -NamespaceName fridge-ns
  -Location fridge-loc
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

NEW QUESTION 4

- (Topic 8)
You are developing an Azure Durable Function to manage an online ordering process. The process must call an external API to gather product discount information.
You need to implement Azure Durable Function.
Which Azure Durable Function types should you use? Each correct answer presents part of the solution
NOTE: Each correct selection is worth ore point

A. Orchestrator
B. Entity
C. Activity
D. Client

Answer: AB

Explanation:
https://learn.microsoft.com/en-us/azure/azure-functions/durable/durable-functions-types- features-overview

NEW QUESTION 5
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.
The app continues to time out after four minutes. The app must process the blob data. You need to ensure the app does not time out and processes the blob data.
Solution: Update the functionTimeout property of the host.json project file to 10 minutes. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead pass the HTTP trigger payload into an Azure Service Bus queue to be processed by a queue trigger function and return an immediate HTTP success response.
Note: Large, long-running functions can cause unexpected timeout issues. General best practices include:
Whenever possible, refactor large functions into smaller function sets that work together and return responses fast. For example, a webhook or HTTP trigger function might require an acknowledgment response within a certain time limit; it's common for webhooks to require an immediate response. You can pass the HTTP trigger payload into a queue to be
processed by a queue trigger function. This approach lets you defer the actual work and return an immediate response.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-best-practices

NEW QUESTION 6
- (Topic 8)
You develop and add several functions to an Azure Function app that uses the latest runtime host. The functions contain several REST API endpoints secured by using SSL. The Azure Function app runs in a Consumption plan.
You must send an alert when any of the function endpoints are unavailable or responding too slowly.
You need to monitor the availability and responsiveness of the functions. What should you do?

A. Create a URL ping test.
B. Create a timer triggered function that calls TrackAvailability() and send the results to ApplicationInsights.
C. Create a timer triggered function that calls GetMetric("Request Size") and send the results toApplication Insights.
D. Add a new diagnostic setting to the Azure Function ap
E. Enable the FunctionAppLogs and Send to Log Analytics options.

Answer: B

Explanation:
You can create an Azure Function with TrackAvailability() that will run periodically
according to the configuration given in TimerTrigger function with your own business logic. The results of this test will be sent to your Application Insights resource, where you will be able to query for and alert on the availability results data. This allows you to create customized tests similar to what you can do via Availability Monitoring in the portal. Customized tests will allow you to write more complex availability tests than is possible using the portal UI, monitor an app inside of your Azure VNET, change the endpoint address, or create an availability test even if this feature is not available in your region.
D18912E1457D5D1DDCBD40AB3BF70D5D
Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/availability-azure-functions

NEW QUESTION 7
- (Topic 8)
An organization hosts web apps in Azure. The organization uses Azure Monitor You discover that configuration changes were made to some of the web apps. You need to identify the configuration changes. Which Azure Monitor log should you review?

A. AppServiceEnvironmentPlatformLogs
B. AppServiceApplogs
C. AppServiceAuditLogs
D. AppServiceConsoteLogs

Answer: C

NEW QUESTION 8
DRAG DROP - (Topic 8)
Contoso, Ltd. provides an API to customers by using Azure API Management (APIM). The API authorizes users with a JWT token.
You must implement response caching for the APIM gateway. The caching mechanism must detect the user ID of the client that accesses data for a given location and cache the response for that user ID.
You need to add the following policies to the policies file:
• a set-variable policy to store the detected user identity
• a cache-lookup-value policy
• a cache-store-value policy
• a find-and-replace policy to update the response body with the user profile information To which policy section should you add the policies? To answer, drag the appropriate
sections to the correct policies. Each section 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

A. Mastered
B. Not Mastered

Answer: A

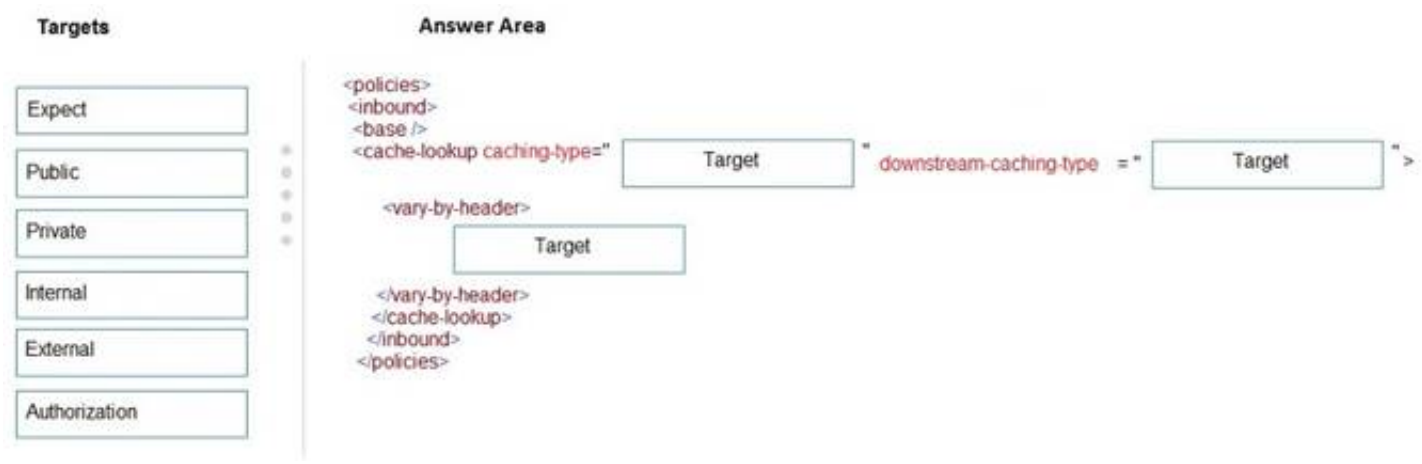
Explanation:
Box 1: Inbound.
A set-variable policy to store the detected user identity. Example:
<policies>
<inbound>
<!-- How you determine user identity is application dependent -->
<set-variable name="enduserid"
value="@(context.Request.Headers.GetValueOrDefault("Authorization","").Split(' ')[1].AsJwt()?.Subject)" />
Box 2: Inbound
A cache-lookup-value policy Example:
<inbound>
<base />
<cache-lookup vary-by-developer="true | false" vary-by-developer-groups="true | false" downstream-caching-type="none | private | public" must-revalidate="true | false">
<vary-by-query-parameter>parameter name</vary-by-query-parameter> <!-- optional, can repeated several times -->
</cache-lookup>
</inbound>
Box 3: Outbound
A cache-store-value policy. Example:
<outbound>
<base />
<cache-store duration="3600" />
</outbound>
Box 4: Outbound
A find-and-replace policy to update the response body with the user profile information. Example:
<outbound>
<!-- Update response body with user profile-->
<find-and-replace from="$userprofile$"
to="@((string)context.Variables["userprofile"])" />
<base />
</outbound>

NEW QUESTION 9
- (Topic 8)
An organization deploys Azure Cosmos DB.
You need to ensure that the index is updated as items are created, updated, or deleted. What should you do?

A. Set the value of the EnableScanlnQuery option to True.
B. Set the indexing mode to Consistent.
C. Set the indexing mode to Lazy.
D. Set the value of the automatic property of the indexing policy to False.

Answer: B

NEW QUESTION 10
DRAG DROP - (Topic 8)
A web service provides customer summary information for e-commerce partners. The web service is implemented as an Azure Function app with an HTTP trigger. Access to the API is provided by an Azure API Management instance. The API Management instance is configured in consumption plan mode. All API calls are authenticated by using OAuth.
API calls must be cached. Customers must not be able to view cached data for other customers.
You need to configure API Management policies for caching. How should you complete the policy statement?

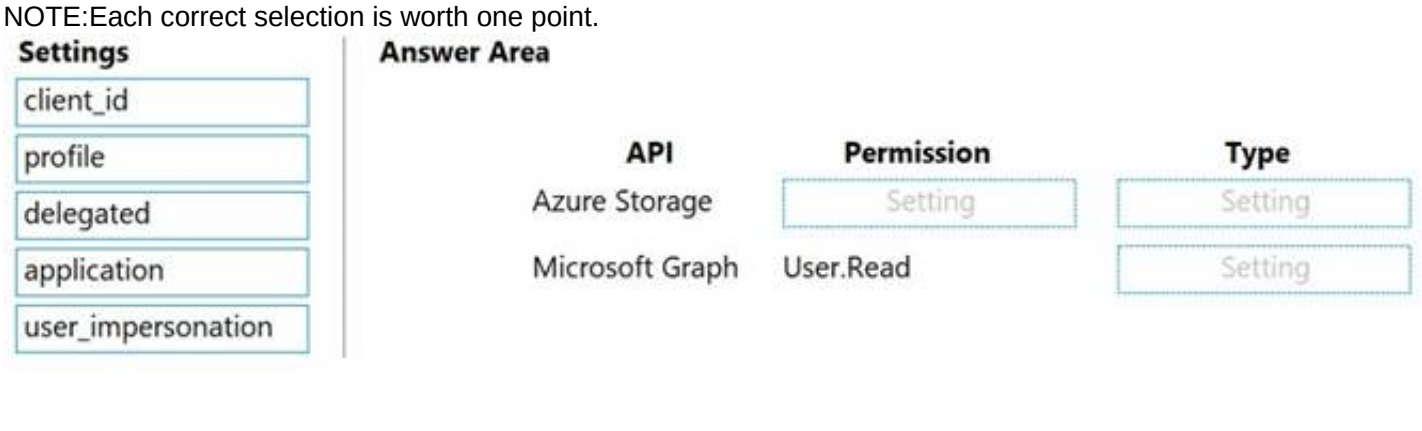


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: internal caching-type
Choose between the following values of the attribute:
? internal to use the built-in API Management cache,
? external to use the external cache as Azure Cache for Redis
? prefer-external to use external cache if configured or internal cache otherwise.
Box 2: private downstream-caching-type
This attribute must be set to one of the following values.
? none - downstream caching is not allowed.
? private - downstream private caching is allowed.
? public - private and shared downstream caching is allowed.
Box 3: Authorization
<vary-by-header>Authorization</vary-by-header>
<!-- should be present when allow-private-response-caching is "true"-->
Note: Start caching responses per value of specified header, such as Accept, Accept- Charset, Accept-Encoding, Accept-Language, Authorization, Expect, From, Host, If-Match

NEW QUESTION 10
DRAG DROP - (Topic 8)
You are developing an ASP.NET Core website that can be used to manage photographs which are stored in Azure Blob Storage containers.
Users of the website authenticate by using their Azure Active Directory (Azure AD) credentials.
You implement role-based access control (RBAC) role permissions on the containers that store photographs. You assign users to RBAC roles.
You need to configure the website's Azure AD Application so that user's permissions can be used with the Azure Blob containers.
How should you configure the application? To answer, drag the appropriate setting to the correct location. Each setting can 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.



A. Mastered
B. Not Mastered

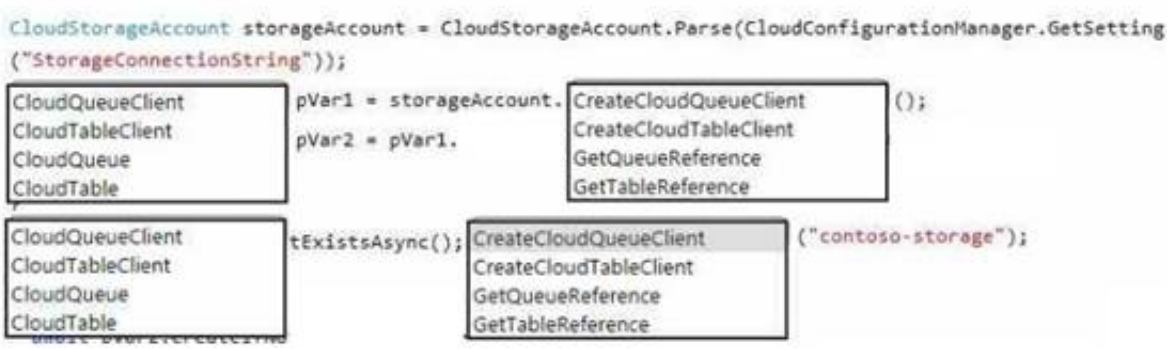
Answer: A

Explanation:
Box 1: user_impersonation
Box 2: delegated Example:
* 1. Select the API permissions section
* 2. Click the Add a permission button and then: Ensure that the My APIs tab is selected
* 3. In the list of APIs, select the API TodoListService-aspnetcore.
* 4. In the Delegated permissions section, ensure that the right permissions are checked: user_impersonation.
* 5. Select the Add permissions button.
Box 3: delegated Example
* 1. Select the API permissions section
* 2. Click the Add a permission button and then, Ensure that the Microsoft APIs tab is selected
* 3. In the Commonly used Microsoft APIs section, click on Microsoft Graph
* 4. In the Delegated permissions section, ensure that the right permissions are checked: User.Read. Use the search box if necessary.
* 5. Select the Add permissions button

NEW QUESTION 12
HOTSPOT - (Topic 8)
You are developing a .NET application that communicates with Azure Storage. A message must be stored when the application initializes.

You need to implement the message.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

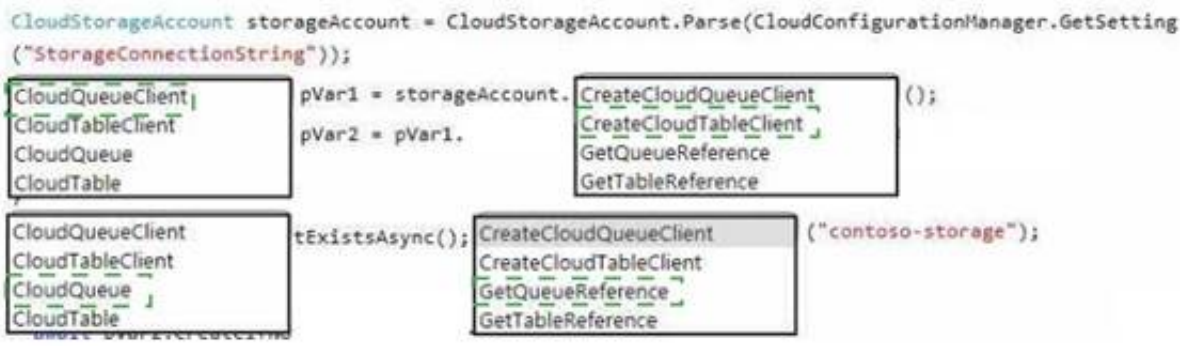


A. Mastered
B. Not Mastered

Answer: A

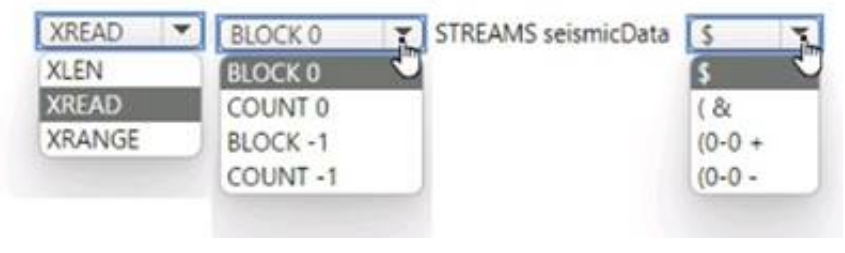
Explanation:

Answer Area



NEW QUESTION 16
HOTSPOT - (Topic 8)
You develop new functionality in a web application for a company that provides access to seismic data from around the world. The seismic data is stored in Redis Streams within an Azure Cache for Redis instance.
The new functionality includes a real-time display of seismic events as they occur. You need to implement the Azure Cache for Redis command to receive seismic data.
How should you complete the command? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

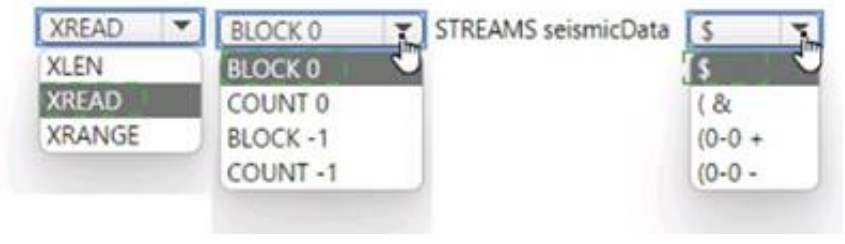


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

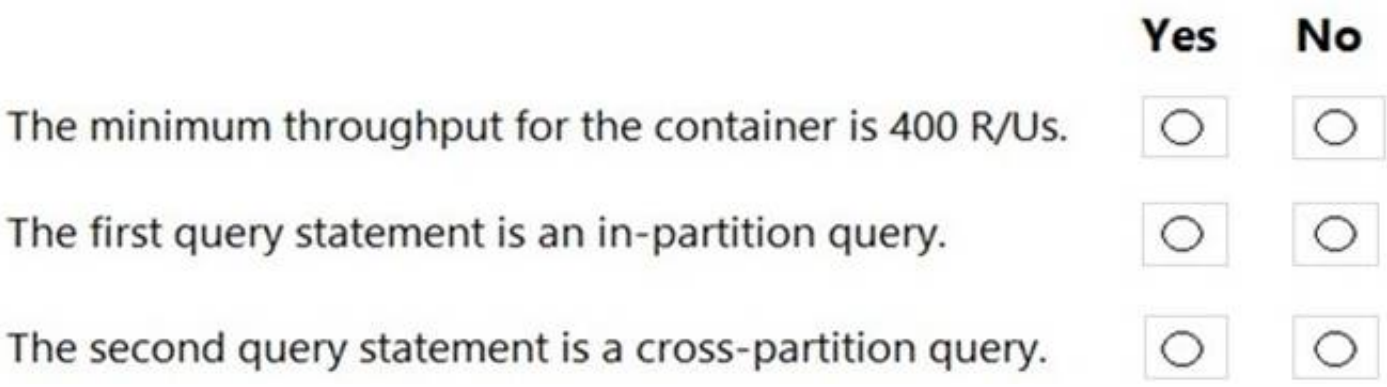


NEW QUESTION 21
- (Topic 8)
Your company is designing an application named App1 that will use data from Azure SQL Database. App1 will be accessed over the internet by many users.
You need to recommend a solution for improving the performance ofApp1. What should you include in the recommendation?

A. Azure HPC cache
B. ExpressRoute
C. a CON profile
D. Azure Cache for Redis

Answer: D

NEW QUESTION 25
HOTSPOT - (Topic 8)
You have an Azure Web app that uses Cosmos DB as a data store. You create a CosmosDB container by running the following PowerShell script:
$resourceGroupName = "testResourceGroup"
$accountName = "testCosmosAccount"
$databaseName = "testDatabase"
$containerName = "testContainer"
$partitionKeyPath = "/EmployeeId"
$autoscaleMaxThroughput = 5000 New-AzCosmosDBSqlContainer
-ResourceGroupName $resourceGroupName
-AccountName $accountName
-DatabaseName $databaseName
-Name $containerName
-PartitionKeyKind Hash
-PartitionKeyPath $partitionKeyPath
-AutoscaleMaxThroughput $autoscaleMaxThroughput You create the following queries that target the container:
SELECT * FROM c WHERE c.EmployeeId > '12345' SELECT * FROM c WHERE c.UserID = '12345'
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE:Each correct selection is worth one point.

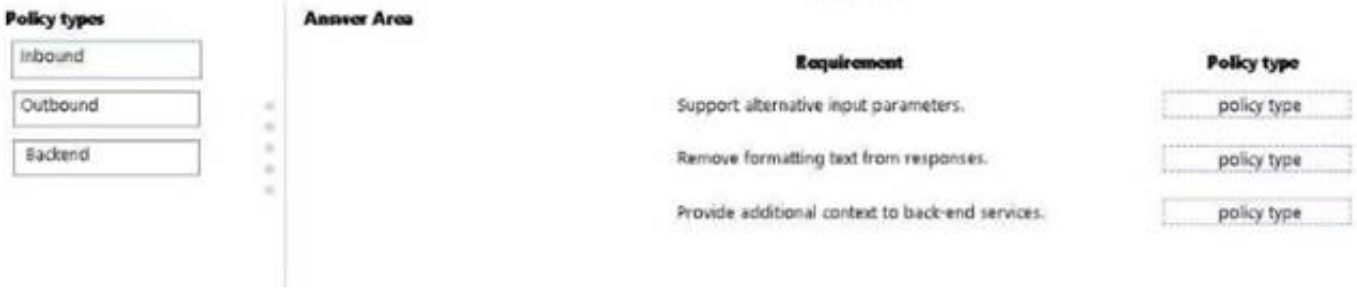


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
You set the highest, or maximum RU/s Tmax you don't want the system to exceed. The system automatically scales the throughput T such that 0.1* Tmax <= T <= Tmax.
In this example we have autoscaleMaxThroughput = 5000, so the minimum throughput for the container is 500 R/Us.
Box 2: No
First query:SELECT * FROM c WHERE c.EmployeeId > '12345'
Here's a query that has a range filter on the partition key and won't be scoped to a single physical partition. In order to be an in-partition query, the query must have an equality filter that includes the partition key:
SELECT * FROM c WHERE c.DeviceId > 'XMS-0001'
Box 3: Yes
Example of In-partition query:
Consider the below query with an equality filter on DeviceId. If we run this query on a container partitioned on DeviceId, this query will filter to a single physical partition.
SELECT * FROM c WHERE c.DeviceId = 'XMS-0001'

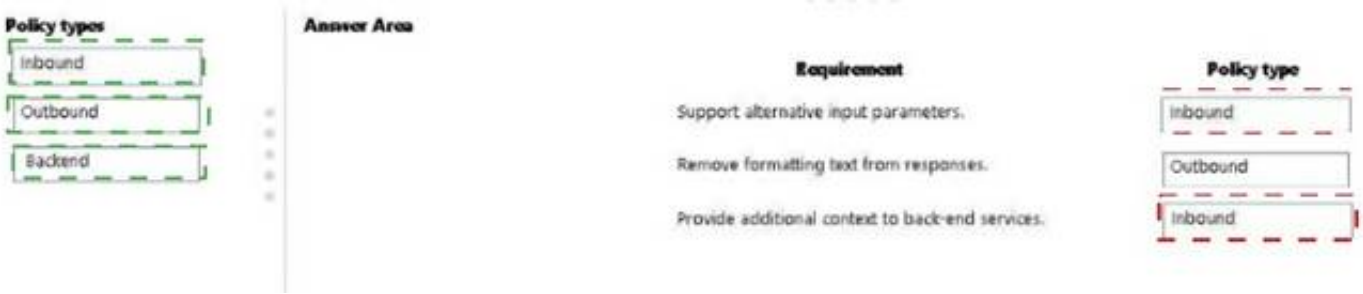
NEW QUESTION 28
DRAG DROP - (Topic 8)
You have an application that provides weather forecasting data to external partners. You use Azure API Management to publish APIs.
You must change the behavior of the API to meet the following requirements:
• Support alternative input parameters.
• Remove formatting text from responses.
• Provide additional context to back-end services.
Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy 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.



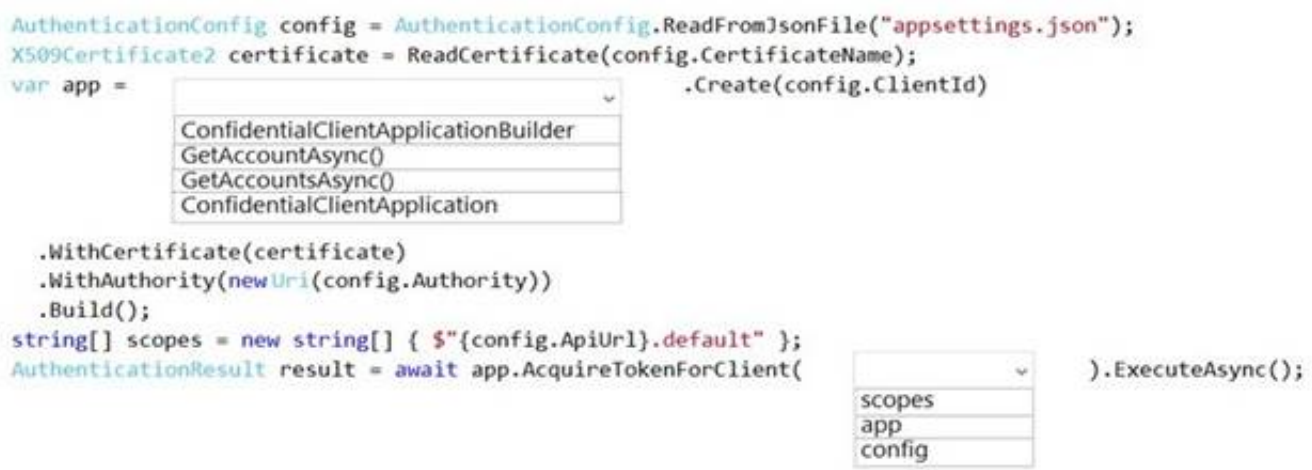
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 29
HOTSPOT - (Topic 8)
You are developing a web application that makes calls to the Microsoft Graph API. You register the application in the Azure portal and upload a valid X509 certificate.
You create an appsettings.json file containing the certificate name, client identifier for the application, and the tenant identifier of the Azure active Directory (Azure AD). You create a method named ReadCertificate to return the X509 certificate by name.
You need to implement code that acquires a token by using the certificate.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/active-directory/develop/scenario-daemon-app-configuration?tabs=dotnet#instantiate-the-confidential-client-application-with-a-client- certificate
https://docs.microsoft.com/en-us/azure/active-directory/develop/scenario-daemon-acquire-token?tabs=dotnet#acquiretokenforclient-api

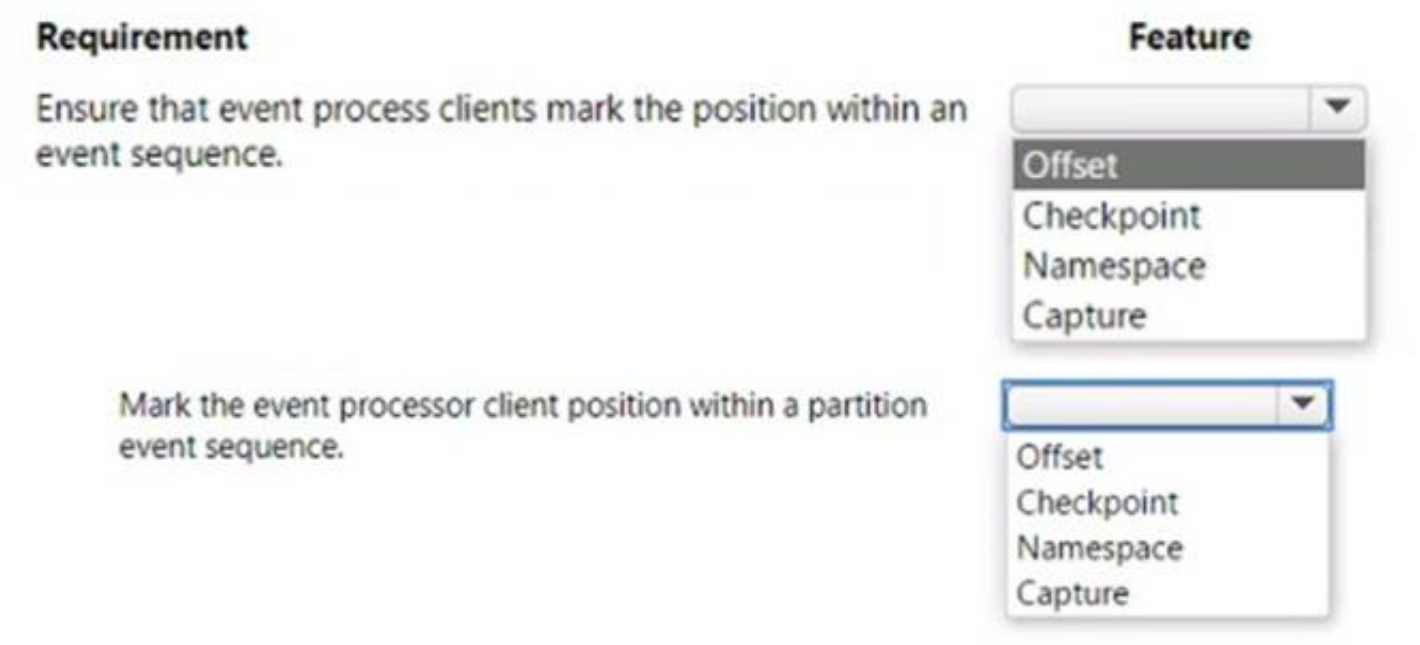
NEW QUESTION 33
- (Topic 8)
You are developing an Azure messaging solution.
You need to ensure that the solution that meets the following requirements:
• Provide transactional support
• Provide duplicate detection.
• Store the messages for an unlimited period of time
Which two technologies will meet the requirements? Each correct answer presents a complete solution NOTE Each correct selection is worth one point.

A. Azure Service Bus Queue
B. Azure Storage Queue
C. Azure Service Bus Topic D Azure Event Hub

Answer: AC

Explanation:
The Azure Service Bus Queue and Topic has duplicate detection.
Enabling duplicate detection helps keep track of the application-controlled MessageId of all messages sent into a queue or topic during a specified time window.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/duplicate-detection

NEW QUESTION 34
HOTSPOT - (Topic 8)
You are developing a solution by using the Azure Event Hubs SDK. You create a standard Azure Event Hub with 16 partitions. You implement eight event processor clients.
You must balance the load dynamically when an event processor client fails. When an event processor client fails, another event processor must continue processing from the
exact point at which the failure occurred. All events must be aggregate and upload to an Azure Blob storage account
You need to implement event processing recovery for the solution.
Which SDK features should you use? To answer, select the appropriate options in the answer area.
Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 35
- (Topic 8)
You develop a REST API. You implement a user delegation SAS token to communicate with Azure Blob storage.
The token is compromised. You need to revoke the token.
What are two possible ways to achieve this goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Revoke the delegation keys
B. Delete the stored access policy.
C. Regenerate the account key.
D. Remove the role assignment for the security principle.

Answer: AB

Explanation:
A: Revoke a user delegation SAS
To revoke a user delegation SAS from the Azure CLI, call the az storage account revoke- delegation-keys command. This command revokes all of the user delegation keys associated with the specified storage account. Any shared access signatures associated with those keys are invalidated.
B: To revoke a stored access policy, you can either delete it, or rename it by changing the signed identifier.
Changing the signed identifier breaks the associations between any existing signatures and the stored access policy. Deleting or renaming the stored access policy immediately effects all of the shared access signatures associated with it. D18912E1457D5D1DDCBD40AB3BF70D5D
Reference:
https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/storage/blobs/storage-blob-user-delegationsas-create-cli.md
https://docs.microsoft.com/en-us/rest/api/storageservices/define-stored-access-policy#modifying-or-revoking-astored-access-policy

NEW QUESTION 37
- (Topic 8)
A company maintains multiple web and mobile applications. Each application uses custom in-house identity providers as well as social identity providers.
You need to implement single sign-on (SSO) for all the applications. What should you do?

A. Use Azure Active Directory B2C (Azure AD B2C) with custom policie
B. Most Voted

C. Use Azure Active Directory B2B (Azure AD B2B) and enable external collaboration.
D. Use Azure Active Directory B2C (Azure AD B2C) with user flows.
E. Use Azure Active Directory B2B (Azure AD B2B).

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/active-directory-b2c/custom-policy-reference-sso

NEW QUESTION 42
- (Topic 8)
You are developing an application that uses Azure Blob storage.
The application must read the transaction logs of all the changes that occur to the blobs and the blob metadata in the storage account for auditing purposes. The changes must be in the order in which they occurred, include only create, update, delete, and copy operations and be retained for compliance reasons.
You need to process the transaction logs asynchronously. What should you do?

A. Process all Azure Blob storage events by using Azure Event Grid with a subscriber Azure Function app.
B. Enable the change feed on the storage account and process all changes for available events.
C. Process all Azure Storage Analytics logs for successful blob events.
D. Use the Azure Monitor HTTP Data Collector API and scan the request body for successful blob events.

Answer: B

Explanation:
Change feed support in Azure Blob Storage
The purpose of the change feed is to provide transaction logs of all the changes that occur to the blobs and the blob metadata in your storage account. The change feed provides ordered, guaranteed, durable, immutable, read-only log of these changes. Client applications can read these logs at any time, either in streaming or in batch mode. The change feed enables you to build efficient and scalable solutions that process change events that occur in your Blob Storage account at a low cost.
Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-change-feed

NEW QUESTION 44
- (Topic 8)
You are developing a solution that will use a multi-partitioned Azure Cosmos DB database. You plan to use the latest Azure Cosmos DB SDK for development.
The solution must meet the following requirements:
? Send insert and update operations to an Azure Blob storage account.
? Process changes to all partitions immediately.
? Allow parallelization of change processing.
You need to process the Azure Cosmos DB operations.
What are two possible ways to achieve this goal? Each correct answer presents a complete solution.
NOTE:Each correct selection is worth one point.

A. Create an Azure App Service API and implement the change feed estimator of the SD
B. Scale the API by using multiple Azure App Service instances.
C. Create a background job in an Azure Kubernetes Service and implement the change feed feature of the SDK.
D. Create an Azure Function to use a trigger for Azure Cosmos D
E. Configure the trigger toconnect to the container.
F. Create an Azure Function that uses a FeedIterator object that processes the change feed by using the pull model on the containe
G. Use a FeedRange objext to parallelize the processing of the change feed across multiple functions.

Answer: CD

Explanation:
Azure Functions is the simplest option if you are just getting started using the change feed. Due to its simplicity, it is also the recommended option for most change feed use cases. When you create an Azure Functions trigger for Azure Cosmos DB, you select the container to connect, and the Azure Function gets triggered whenever there is a change in the container. Because Azure Functions uses the change feed processor behind the scenes, it automatically parallelizes change processing across your container's partitions.
Note: You can work with change feed using the following options:
? Using change feed with Azure Functions
? Using change feed with change feed processor
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/read-change-feed
https://docs.microsoft.com/en-us/azure/cosmos-db/change-feed-pull-model https://docs.microsoft.com/en-us/azure/cosmos-db/read-change-feed#azure-functions
https://docs.microsoft.com/en-us/azure/cosmos-db/change-feed-pull-model#using-feedrange-for-parallelization

NEW QUESTION 48
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing an Azure Service application that processes queue data when it receives a message from a mobile application. Messages may not be sent to the service consistently.
You have the following requirements:
? Queue size must not grow larger than 80 gigabytes (GB).
? Use first-in-first-out (FIFO) ordering of messages.
? Minimize Azure costs.
You need to implement the messaging solution.
Solution: Use the .Net API to add a message to an Azure Storage Queue from the mobile application. Create an Azure Function App that uses an Azure Storage Queue trigger.

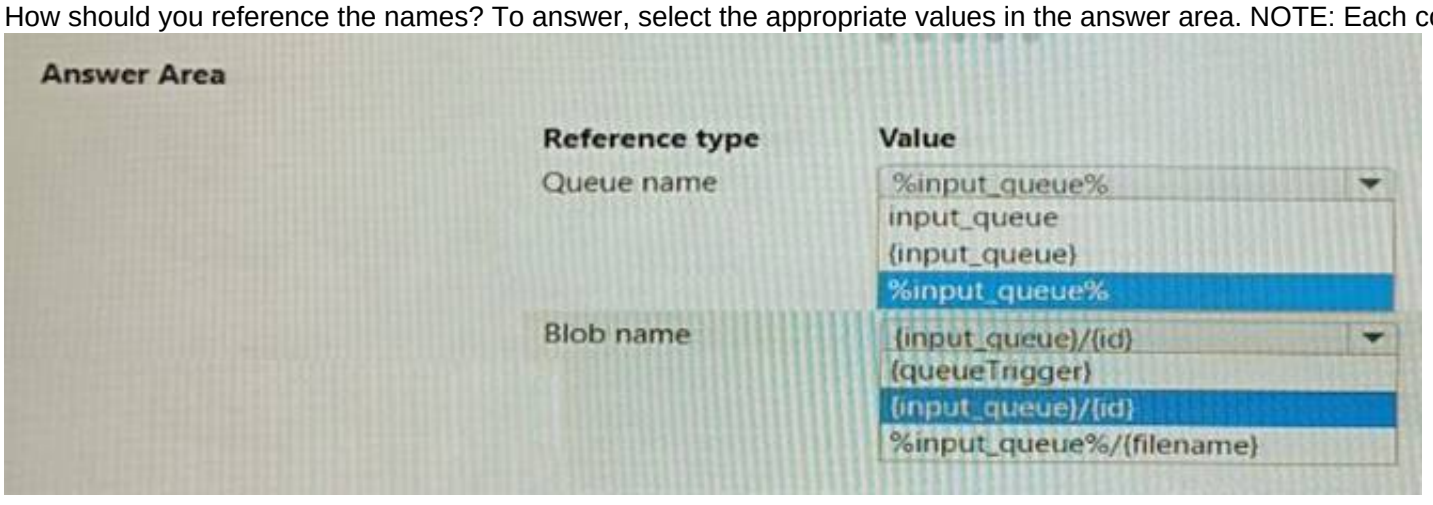
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Create an Azure Function App that uses an Azure Service Bus Queue trigger. Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-storage-queue- triggered-function

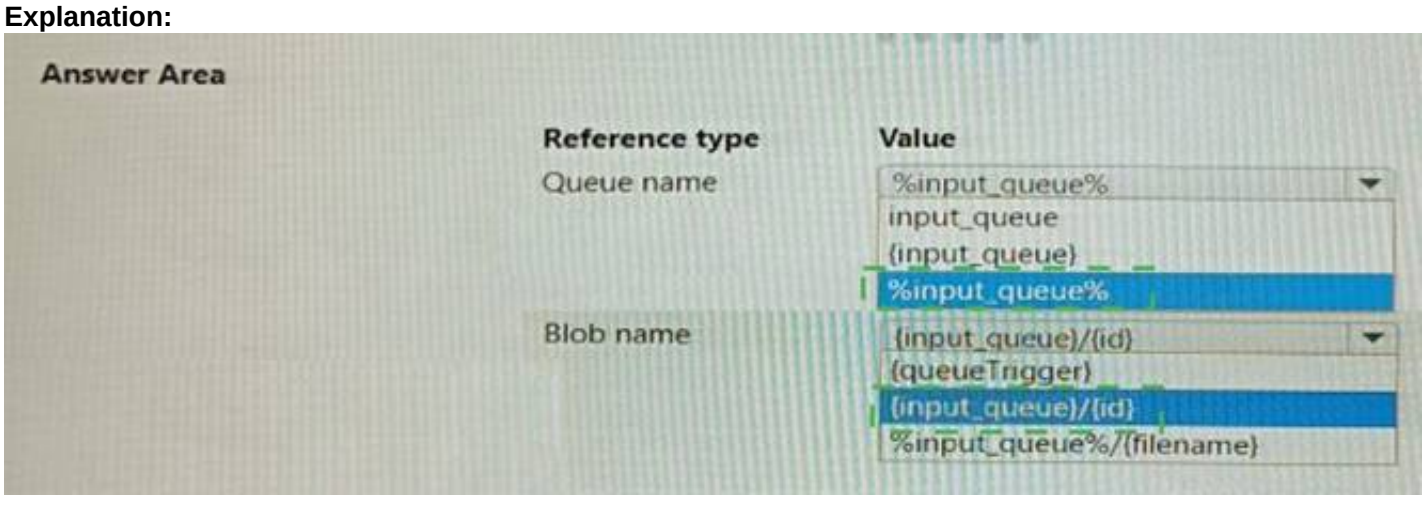
NEW QUESTION 52
HOTSPOT - (Topic 8)
You plan to implement an Azure Functions app.
The Azure Functions app has the following requirements:
•Must be triggered by a message placed in an Azure Storage queue.
•Must use the queue name set by an app setting named input-queue.
•Must create an Azure Blob Storage named the same as the content of the message.
You need to identify how to reference the queue and blob name in the function. Just file of the Azure Functions app.
How should you reference the names? To answer, select the appropriate values in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

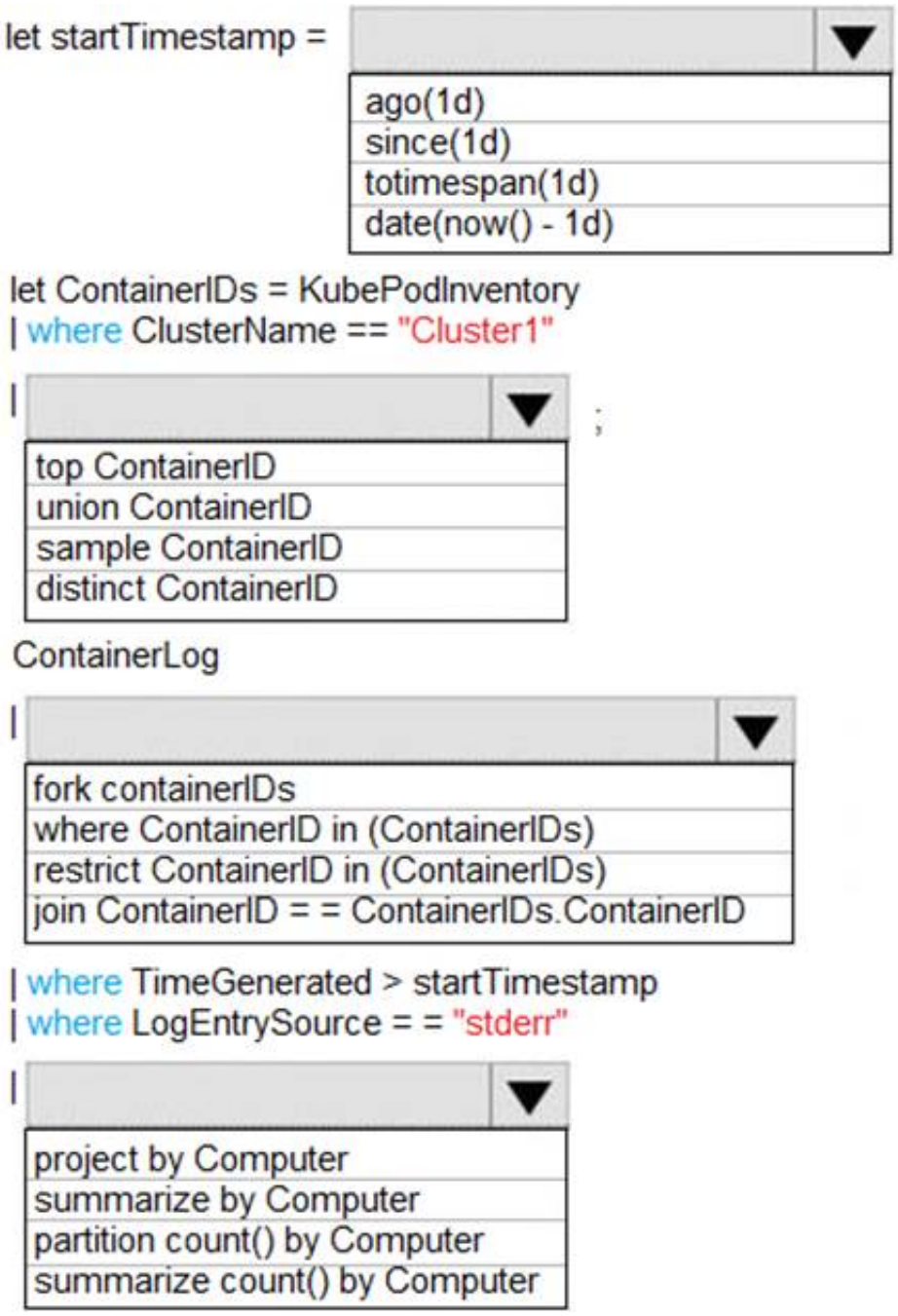


NEW QUESTION 55
- (Topic 8)
Your company purchases an Azure subscription and plans to migrate several on-premises virtual machines to Azure. You need to design the infrastructure required (or the Azure virtual machines solution. What should you include in the design?

A. the number of Azure Storage accounts
B. the settings of the Azure virtual networks
C. the size of the virtual machines
D. the number of Azure regions

Answer: C

NEW QUESTION 60
HOTSPOT - (Topic 8)
You are debugging an application that is running on Azure Kubernetes cluster named cluster1. The cluster uses Azure Monitor for containers to monitor the cluster.
The application has sticky sessions enabled on the ingress controller.
Some customers report a large number of errors in the application over the last 24 hours. You need to determine on which virtual machines (VMs) the errors are occurring.
How should you complete the Azure Monitor query? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: ago(1d)
Box 2: distinct containerID
Box 3: where ContainerID in (ContainerIDs)
Box 4: summarize Count by Computer Summarize: aggregate groups of rows
Use summarize to identify groups of records, according to one or more columns, and apply aggregations to them. The most common use of summarize is count, which returns the number of results in each group.

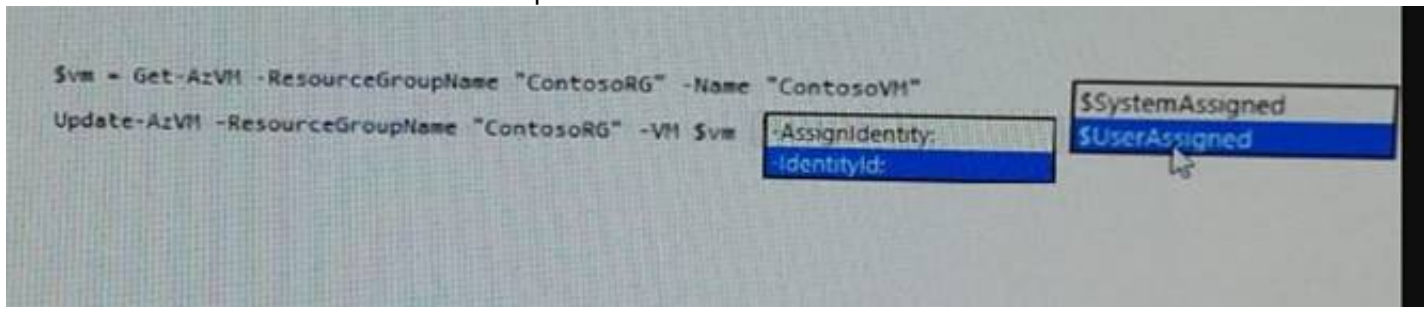
NEW QUESTION 64
HOTSPOT - (Topic 8)
You are building a website to access project data related to terms within your organization. The website does not allow anonymous access. Authentication performed using an Azure Active Directory (Azure AD) app named internal.
The website has the following authentication requirements:
•Azure AD users must be able to login to the website.
•Personalization of the website must be based on membership in Active Directory groups. You need to configure the application's manifest to meet the authentication requirements.
How should you configure the manifest? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: groupMembershipClaims
Personalization of the website must be based on membership in Active Directory groups. Group claims can also be configured in the Optional Claims section of the Application Manifest. Enable group membership claims by changing the groupMembershipClaim The valid values are:
- "All"
- "SecurityGroup"
- "DistributionList"
- "DirectoryRole"
Here we need to mention that we want to get the groups for the users. Hence we need to mention to set the groupMembershipClaims property to All.
Box 2: oauth2AllowImplicitFlow
Azure AD users must be able to login to the website.
auth2Permissions can only accept collections value like an array, not a boolean. oauth2AllowImplicitFlow accepts boolean value.
Here from the list of options given, if we want the application to fetch the required tokens , we would need to allow Implicit Flow.

NEW QUESTION 66
HOTSPOT - (Topic 8)
You are developing an application that needs access to an Azure virtual machine (VM). The access lifecycle for the application must be associated with the VM service instance. You need to enable managed identity for the VM.
How should you complete the PowerShell segment? To answer, select the appropriate options in the answer area.
NOTE Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
$vm = Get-AzVM -ResourceGroupName myResourceGroup -Name myVM Update-AzVM -ResourceGroupName myResourceGroup -VM $vm -AssignIdentity:$SystemAssigned
https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/qs-configure-powershell-windows-vm

NEW QUESTION 68
- (Topic 8)
You are developing a mobile instant messaging app for a company. The mobile app must meet the following requirements:
• Support offline data sync.
• Update the latest messages during normal sync cycles. You need to implement Offline Data Sync.
Which two actions should you perform? Each conn I answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Retrieve records from Offline Data Sync on every call to the PullAsync method.
B. Retrieve records from Offline Data Sync using an Incremental Sync.
C. Push records to Offline Data Sync using an Incremental Sync.
D. Return the updatedAt column from the Mobile Service Backend and implement sorting by using the column.
E. Return the updatedAt column from the Mobile Service Backend and implement sorting by the message id.

Answer: BE

Explanation:
B: Incremental Sync: the first parameter to the pull operation is a query name that is used only on the client. If you use a non-null query name, the Azure Mobile SDK performs an incremental sync. Each time a pull operation returns a set of results, the latest updatedAt timestamp from that result set is stored in the SDK local system tables. Subsequent pull operations retrieve only records after that timestamp.
E (not D): To use incremental sync, your server must return meaningful updatedAt values and must also support sorting by this field. However, sincethe SDK adds its own sort on the updatedAt field, you cannot use a pull query that has its own orderBy clause.
References:
https://docs.microsoft.com/en-us/azure/app-service-mobile/app-service-mobile-offline-data- sync

NEW QUESTION 69
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in Azure Storage Blob storage. The storage account type is General-purpose V2.
When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.
You need to design the process that starts the photo processing.
Solution: Convert the Azure Storage account to a BlockBlobStorage storage account. Does the solution meet the goal?

A. Yes
B. No

Answer: B

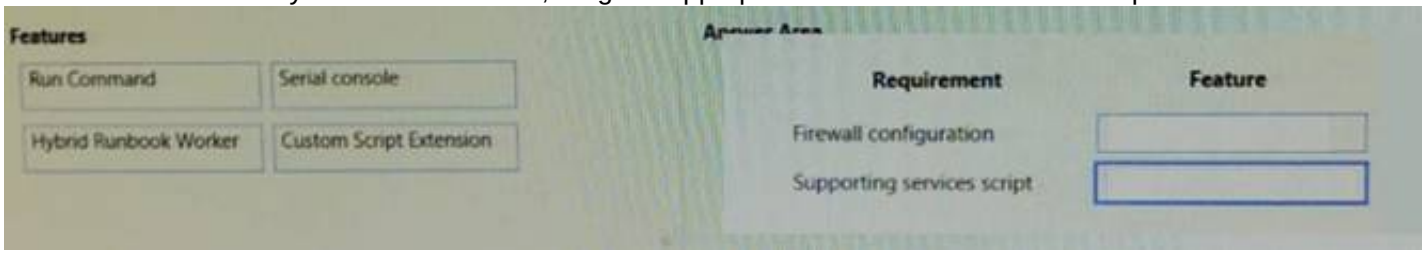
Explanation:
Not necessary to convert the account, instead move photo processing to an Azure Function triggered from the blob upload..
Azure Storage events allow applications to react to events. Common Blob storage event scenarios include image or video processing, search indexing, or any file-oriented workflow.
Note: Only storage accounts of kind StorageV2 (general purpose v2) and BlobStorage support event integration. Storage (general purpose v1) does not support integration with Event Grid.
Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-event-overview

NEW QUESTION 71
- (Topic 8)
You develop and deploy a web app to Azure App Service. The Azure App Service uses a Basic plan in a region.
Users report that the web app is responding must capture the complete call stack to help performance issues in code. Call stack data must be correlated across app instances. You must minimize cost and impact to users on the web app.
You need to capture the telemetry.
Which three actions should you perform? Each answer presents part Of the solution NOTE: Each correct selection is worth point

A. Enable Application Insights site extensions.
B. Enable Profiler.
C. Restart all apps in the App Service plan.
D. Enable Snapshot debugger.
E. Enable remote debugging.
F. Enable the Always On setting for the app service.
G. Upgrade the Azure App Service plan to Premium

Answer: CDF

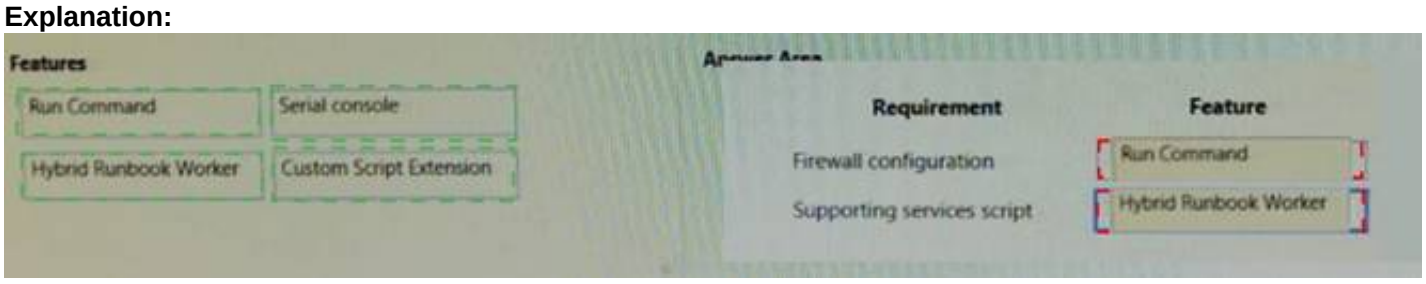
NEW QUESTION 75
DRAG DROP - (Topic 8)
You are preparing to deploy an Azure virtual machine (VM) based application. The VMs that run the application have the following requirements:
• When a VM is provisioned the firewall must be automatically configured before it can access Azure resources.
• Supporting services must be installed by using an Azure PowerShell script that is stored in Azure Storage
You need to ensure that the requirements are met.
Which features should you use? To answer, drag the appropriate features to the correct requirements.



A. Mastered
B. Not Mastered

Answer: A

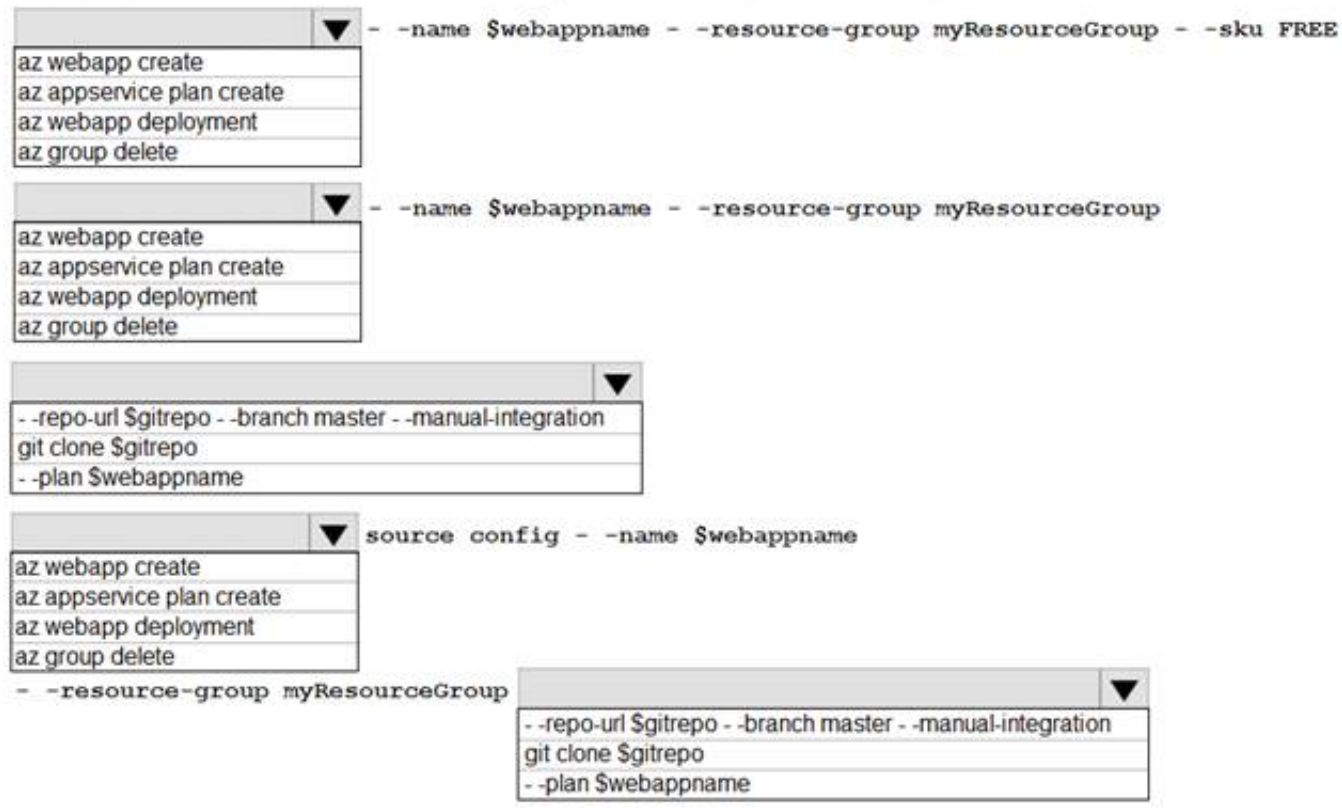
Explanation:



NEW QUESTION 80
HOTSPOT - (Topic 8)
You are creating a CLI script that creates an Azure web app related services in Azure App Service. The web app uses the following variables:

Variable name	Value
$gitrepo	https://github.com/Contos/webapp
&webappname	Webapp1103

You need to automatically deploy code from GitHub to the newly created web app.
How should you complete the script? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

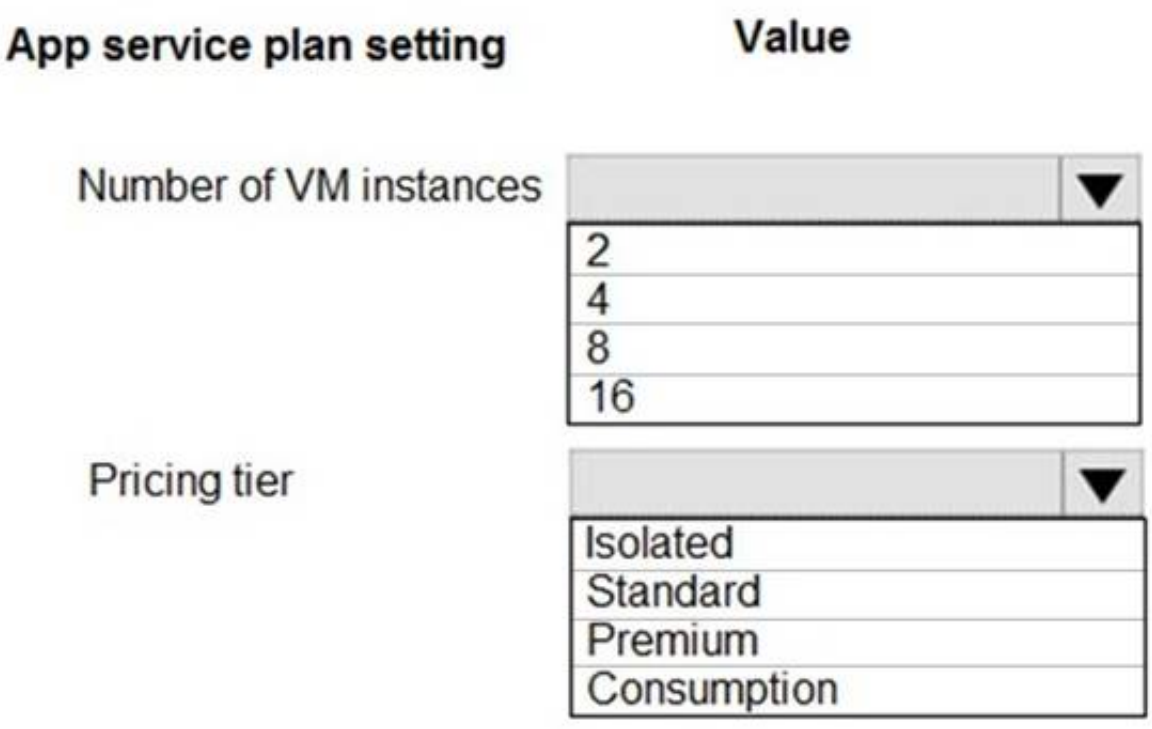
Explanation:
Box 1: az appservice plan create
The azure group creates command successfully returns JSON result. Now we can use resource group to create a azure app service plan
Box 2: az webapp create Create a new web app..
Box 3: --plan $webappname
with the serviceplan we created in step 1.
Box 4: az webapp deployment
Continuous Delivery with GitHub. Example:
az webapp deployment source config --name firstsamplewebsite1 --resource-group websites--repo-url $gitrepo --branch master --git-token $token
Box 5: --repo-url $gitrepo --branch master --manual-integration

NEW QUESTION 83
- (Topic 8)
You are a developing a SaaS application that stores data as key value pairs.
You must make multiple editions of the application available. In the lowest cost edition, the performance must be best-effort, and there is no regional failover.
In higher cos! editions customers must be able to select guaranteed performance and support for multiple regions. Azure costs must be minimized.
Which Azure Cosmos OB API should you use for the application?

A. Core
B. MongoDB
C. Cassandra
D. Table API

Answer: D

NEW QUESTION 84
HOTSPOT - (Topic 8)
You are implementing a software as a service (SaaS) ASP.NET Core web service that will run as an Azure Web App. The web service will use an on-premises SQL Server database for storage. The web service also includes a WebJob that processes data updates. Four customers will use the web service.
•Each instance of the WebJob processes data for a single customer and must run as a singleton instance.
•Each deployment must be tested by using deployment slots prior to serving production data.
•Azure costs must be minimized.
•Azure resources must be located in an isolated network. You need to configure the App Service plan for the Web App.
How should you configure the App Service plan? To answer, select the appropriate settings in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Number of VM instances: 4
You are not charged extra for deployment slots.
Pricing tier: Isolated
The App Service Environment (ASE) is a powerful feature offering of the Azure App Service that gives network isolation and improved scale capabilities. It is essentially a deployment of the Azure App Service into a subnet of a customer's Azure Virtual Network (VNet).
References:
https://azure.microsoft.com/sv-se/blog/announcing-app-service-isolated-more-power-scale-and-ease-of-use/

NEW QUESTION 85
- (Topic 8)
You provide an Azure API Management managed web service lo clients. The back end web service implements HTTP Strict Transport Security (HSTS). Every request to the backend service must include a valid HTTP authorization header. You need to configure the Azure API Management instance with an authentication policy. Which two policies can you uses? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point.

A. Certificate Authentication
B. Basic Authentication
C. OAuth Client Credential Grant
D. Digest Authentication

Answer: AB

NEW QUESTION 90
- (Topic 8)
You must implement Application Insights instrumentation capabilities utilizing the Azure Mobile Apps SDK to provide meaningful analysis of user interactions with a mobile app.
You need to capture the data required to implement the Usage Analytics feature of Application Insights. Which three data values should you capture? Each correct answer presents part of the solution
NOTE: Each correct selection is worth one point.

A. Trace
B. Session Id
C. Exception
D. User Id
E. Events

Answer: ADE

Explanation:
Application Insights is a service for monitoring the performance and usage of your apps. This module allows you to send telemetry of various kinds (events, traces,

etc.) to the Application Insights service where your data can be visualized in the Azure Portal.
Application Insights manages the ID of a session for you. References:
https://github.com/microsoft/ApplicationInsights-Android

NEW QUESTION 92
- (Topic 8)
You use Azure Table storage to store customer information for an application. The data contains customer details and is partitioned by last name. You need to create a query that returns all customers with the last name Smith. Which code segment should you use?

A. TableQuery.GenerateFilterCondition("PartitionKey", Equals, "Smith")
B. TableQuery.GenerateFilterCondition("LastName", Equals, "Smith")
C. TableQuery.GenerateFilterCondition("PartitionKey", QueryComparisons.Equal, "Smith")
D. TableQuery.GenerateFilterCondition("LastName", QueryComparisons.Equal, "Smith")

Answer: C

Explanation:
Retrieve all entities in a partition. The following code example specifies a filter for entities where 'Smith' is the partition key. This example prints the fields of each entity in the query results to the console.
Construct the query operation for all customer entities where PartitionKey="Smith".
TableQuery<CustomerEntity> query = new TableQuery<CustomerEntity>().Where(TableQuery.GenerateFilterCondition("PartitionKey", QueryComparisons.Equal, "Smith"));
References:
https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet

NEW QUESTION 95
- (Topic 8)
You are developing an Azure-based web application. The application goes offline periodically to perform offline data processing. While the application is offline, numerous Azure Monitor alerts fire which result in the on-call developer being paged.
The application must always log when the application is offline for any reason.
You need to ensure that the on-call developer is not paged during offline processing. What should you do?

A. Add Azure Monitor alert processing rules to suppress notifications.
B. Create an Azure Monitor Metric Alert.
C. Build an Azure Monitor action group that suppresses the alerts.
D. Disable Azure Monitor Service Health Alerts during offline processing.

Answer: C

NEW QUESTION 99
- (Topic 8)
You are a developer for a SaaS company that offers many web services. All web services for the company must meet the following requirements:
? Use API Management to access the services
? Use OpenID Connect for authentication
? Prevent anonymous usage
A recent security audit found that several web services can be called without any authentication.
Which API Management policy should you implement?

A. jsonp
B. authentication-certificate
C. check-header
D. validate-jwt

Answer: D

Explanation:
Add the validate-jwt policy to validate the OAuth token for every incoming request. Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-protect-backend-with-aad

NEW QUESTION 103
HOTSPOT - (Topic 8)
You are developing an application that uses Azure Storage Queues. You have the following code:

```
CloudStorageAccount storageAccount = CloudStorageAccount.Parse
(CloudConfigurationManager.GetSetting("StorageConnectionString"));
CloudQueueClient queueClient = storageAccount.CreateCloudQueueClient()

CloudQueue queue = queueClient.GetQueueReference("appqueue") ;
await queu.CreateIfNotExistsAsync() ;

CloudQueueMessage peekedMessage = await queue.PeekMessageAsync() ;
if (peekedMessage != null)
{
     Console.WriteLine("The peeked message is: {0}", peekedMessage.AsString);
}
CloudQueueMessage message = await queue.GetMessageAsync() ;
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE:Each correct selection is worth one point.

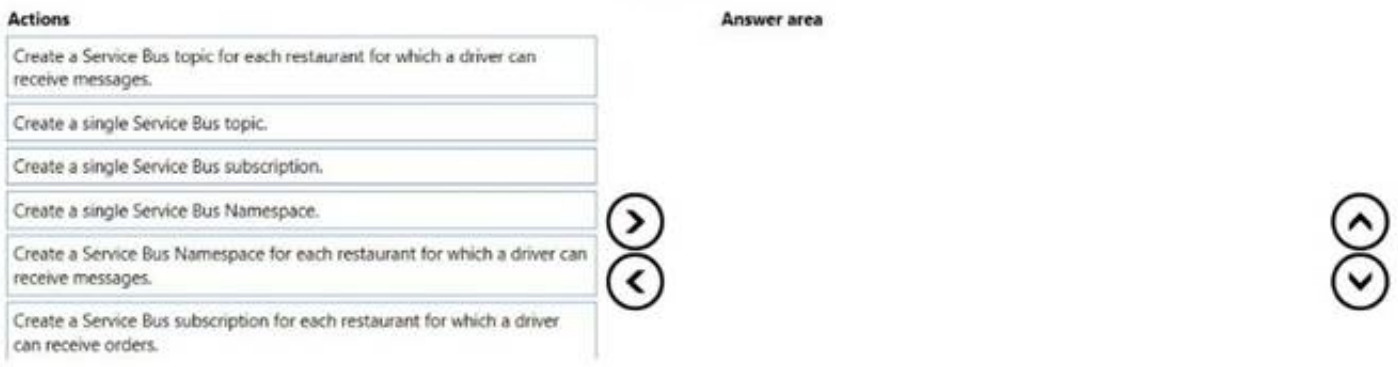
Statement	Yes	No
The code configures the lock duration for the queue.	○	○
The last message read remains in the queue after the code runs.	○	○
The storage queue remains in the storage account after the code runs.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
The QueueDescription.LockDuration property gets or sets the duration of a peek lock; that is, the amount of time that the message is locked for other receivers. The maximum value for LockDuration is 5 minutes; the default value is 1 minute.
Box 2: Yes
You can peek at the message in the front of a queue without removing it from the queue by calling the PeekMessage method.
Box 3: Yes

NEW QUESTION 108
DRAG DROP - (Topic 8)
You develop software solutions for a mobile delivery service. You are developing a mobile app that users can use to order from a restaurant in their area. The app uses the following workflow:
* 1. A driver selects the restaurants for which they will deliver orders.
* 2. Orders are sent to all available drivers in an area.
* 3. Only orders for the selected restaurants will appear for the driver.
* 4. The first driver to accept an order removes it from the list of available orders.
You need to implement an Azure Service Bus solution.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Create a single Service Bus Namespace
To begin using Service Bus messaging entities in Azure, you must first create a namespace with a name that is unique across Azure. A namespace provides a scoping container for addressing Service Bus resources within your application.
Box 2: Create a Service Bus Topic for each restaurant for which a driver can receive messages.
Create topics.
Box 3: Create a Service Bus subscription for each restaurant for which a driver can receive orders.

NEW QUESTION 110
- (Topic 8)
You need to design network connectivity for a subnet in an Azure virtual network. The subnet will contain 30 virtual machines. The virtual machines will establish outbound connections to internet hosts by using the same a pool of four public IP addresses, inbound connections to the virtual machines will be prevented.
What should include in the design?

A. Azure Private Link
B. NAT Gateway
C. User Defined Routes
D. Azure Virtual WAN

Answer: D

NEW QUESTION 113
- (Topic 8)

You develop an ASP.NET Core app that uses Azure App Configuration. You also create an App Configuration containing 100 settings. The app must meet the following requirements:
• Ensure the consistency of all configuration data when changes to individual settings occur.
• Handle configuration data changes dynamically without causing the application to restart.
• Reduce the overall number of requests made to App Configuration APIs.
You must implement dynamic configuration updates in the app.
What are two ways to achieve this goal? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Increase the App Configuration cache expiration from the default value.
B. Create and implement environment variables for each App Configuration store setting.
C. Decrease the App Configuration cache expiration from the default value.
D. Register all keys in the App Configuration stor
E. Set the refreshAII parameter of the Register method to false.
F. Create and register a sentinel key in the App Configuration stor
G. Set the refreshAII parameter of the Register method to true.
H. Create and configure Azure Key Vaul
I. Implement the Azure Key Vault configuration provider.

Answer: AE

NEW QUESTION 116
- (Topic 8)
You are designing a multi-tiered application that will be hosted on Azure virtual machines. The virtual machines will run Windows Server. Front-end servers will be accessible from the Internet over port 443. The other servers will NOT be directly accessible over the internet
You need to recommend a solution to manage the virtual machines that meets the following requirement
• Allows the virtual machine to be administered by using Remote Desktop.
• Minimizes the exposure of the virtual machines on the Internet Which Azure service should you recommend?

A. Azure Bastion
B. Service Endpoint
C. Azure Private Link
D. Azure Front Door

Answer: C

NEW QUESTION 120
HOTSPOT - (Topic 8)
A company is developing a gaming platform. Users can join teams to play online and see leaderboards that include player statistics. The solution includes an entity named Team.
You plan to implement an Azure Redis Cache instance to improve the efficiency of data operations for entities that rarely change.
You need to invalidate the cache when team data is changed.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
void ClearCachedTeams()
{
    [ IDatabase cache = Connection.GetDatabase(); | ICache cache = Connection.GetDatabase(); ]
    [ cache.KeyDelete("teams"); | cache.StringSet("teams",''); | cache.ValueDelete("teams"]; | cache.StringGet("teams", ""); ]
    viewBag.nsg += Team data removed from cache. ";
}
```

A. Mastered
B. Not Mastered

Answer: A

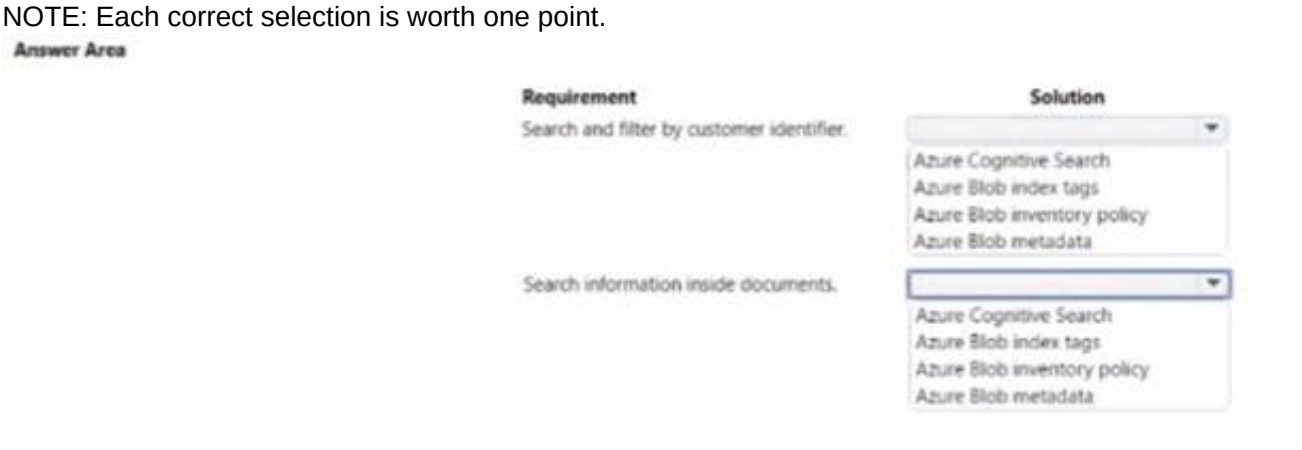
Explanation:
Box 1: IDatabase cache = connection.GetDatabase();
Connection refers to a previously configured ConnectionMultiplexer.
Box 2: cache.StringSet("teams","")
To specify the expiration of an item in the cache, use the TimeSpan parameter of StringSet.
cache.StringSet("key1", "value1", TimeSpan.FromMinutes(90));
References:
https://azure.microsoft.com/sv-se/blog/lap-around-azure-redis-cache-preview/

NEW QUESTION 124
- (Topic 8)
You deploy an API to API Management
You must secure all operations on the API by using a client certificate.
You need to secure access to the backend service of the API by using client certificates. Which two security features can you use?

A. Azure AD token
B. Self-signed certificate
C. Certificate Authority (CA) certificate
D. Triple DES (3DES) cipher
E. Subscription key

Answer: BC

NEW QUESTION 129
HOTSPOT - (Topic 8)
You are developing a solution to store documents in Azure Blob storage. Customers upload documents to multiple containers. Documents consist of PDF, CSV, Microsoft Office format, and plain text files.
The solution must process millions of documents across hundreds of containers. The solution must meet the following requirements:
* Document must the categorized by a customer identifier as they are uploaded to the storage account.
* Allow filtering by the customer identifier.
* Allow searching of information contained within a document.
* Minimize costs.
You created and configure a standard general-purpose v2 storage account to support the solution.
You need to implement the solution.
NOTE: Each correct selection is worth one point.

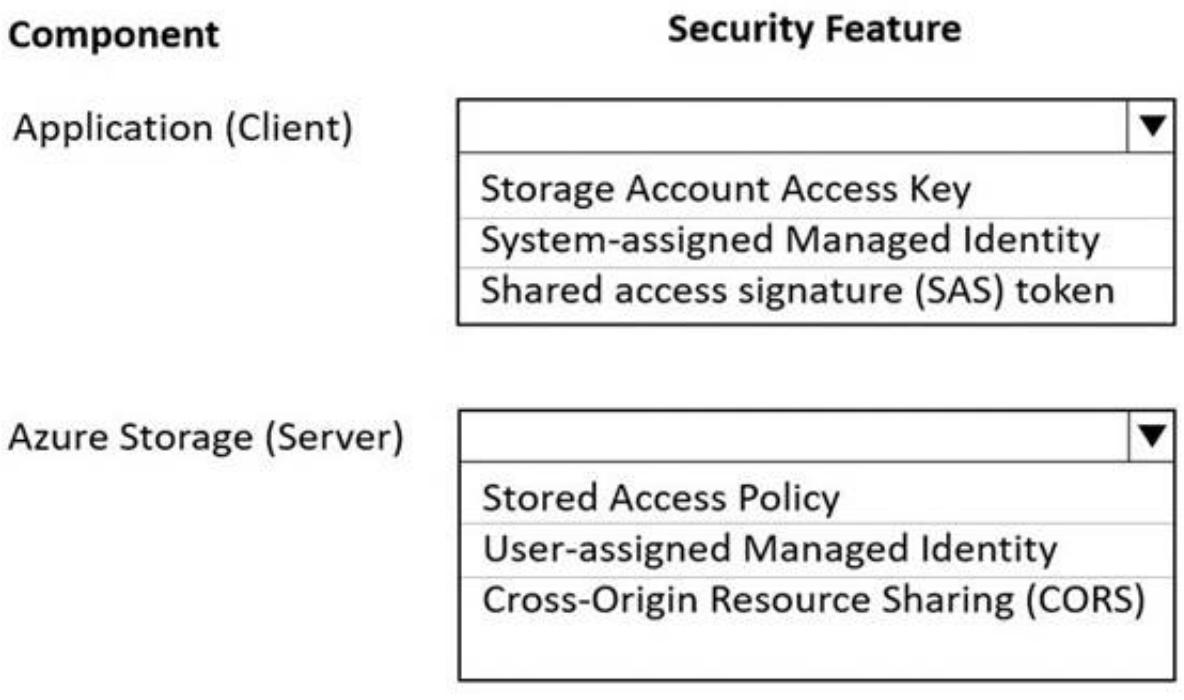


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Azure Blob Index tags: https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob- index-how-to?tabs=azure-portal
Azure Cognitive Search: Search inside documents

NEW QUESTION 133
HOTSPOT - (Topic 8)
You are developing an application to store and retrieve data in Azure Blob storage. The application will be hosted in an on-premises virtual machine (VM). The VM is connected to Azure by using a Site-to-Site VPN gateway connection. The application is secured by using Azure Active Directory (Azure AD) credentials.
The application must be granted access to the Azure Blob storage account with a start time, expiry time, and read permissions. The Azure Blob storage account access must use the Azure AD credentials of the application to secure data access. Data access must be able to be revoked if the client application security is breached.
You need to secure the application access to Azure Blob storage.
Which security features should you use? To answer select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.



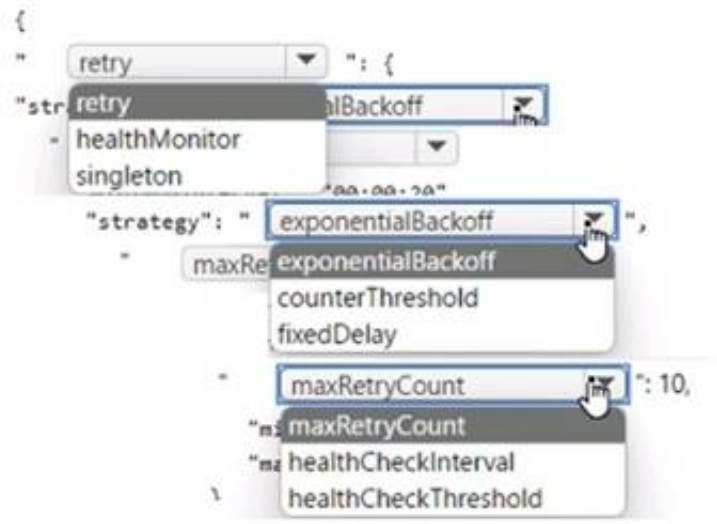
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Shared access signature (SAS) token
When your application design requires shared access signatures for access to Blob storage, use Azure AD credentials to create a user delegation SAS when possible for superior security.
Box 2: Stored access policy
Stored access policies give you the option to revoke permissions for a service SAS without
having to regenerate the storage account keys.
A shared access signature can take one of the following two forms:
? Service SAS with stored access policy. A stored access policy is defined on a resource container, which can be a blob container, table, queue, or file share. The stored access policy can be used to manage constraints for one or more service shared access signatures. When you associate a service SAS with a stored access policy, the SAS inherits the constraints – the start time, expiry time, and permissions – defined for the stored access policy.
? Ad hoc SAS.

NEW QUESTION 138
HOTSPOT - (Topic 8)
All functions in the app meet the following requirements:
• Run until either a successful run or until 10 run attempts occur.
• Ensure that there are at least 20 seconds between attempts for up to 15 minutes. You need to configure the hostjson file.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

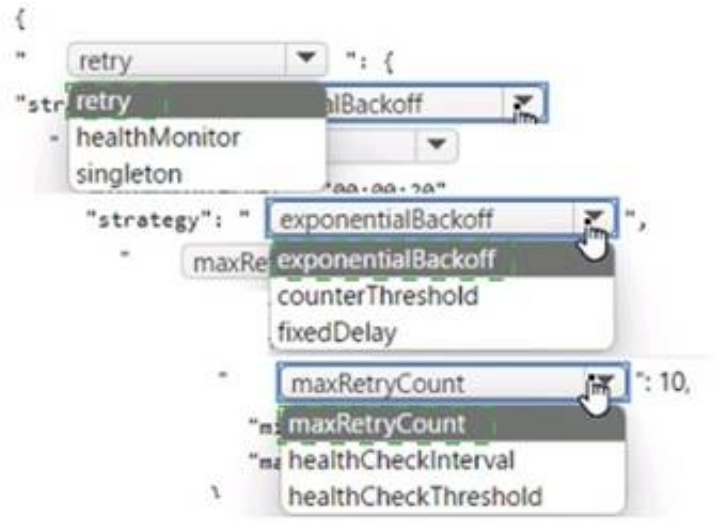


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 142
HOTSPOT - (Topic 8)
You are developing an application that uses a premium block blob storage account. You are optimizing costs by automating Azure Blob Storage access tiers.
You apply the following policy rules to the storage account. You must determine the implications of applying the rules to the data. (Line numbers are included for reference only.)

```
01 {
02   "rules":
03     {
04       "name": "agingDataRule",
05       "enabled": true,
06       "type": "Lifecycle",
```

Answer Area

	Yes	No
Block blobs prefixed with container1/salesorders or container2/inventory which have not been modified in over 60 days are moved to cool storage. Blobs that have not been modified in 120 days are moved to the archive tier.	○	○
Blobs are moved to cool storage if they have not been accessed for 30 days.	○	○
Blobs will automatically be tiered from cool back to hot if accessed again after being tiered to cool.	○	○
All block blobs older than 730 days will be deleted.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Yes
* 2. Yes
* 3. Yes
* 4. No
https://docs.microsoft.com/en-us/azure/storage/blobs/lifecycle-management-overview?tabs=azure-portal#move-aging-data-to-a-cooler-tier

NEW QUESTION 145
- (Topic 8)
A company uses Azure SQL Database to store data for an app. The data includes sensitive information.
You need to implement measures that allow only members of the managers group to see sensitive information.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

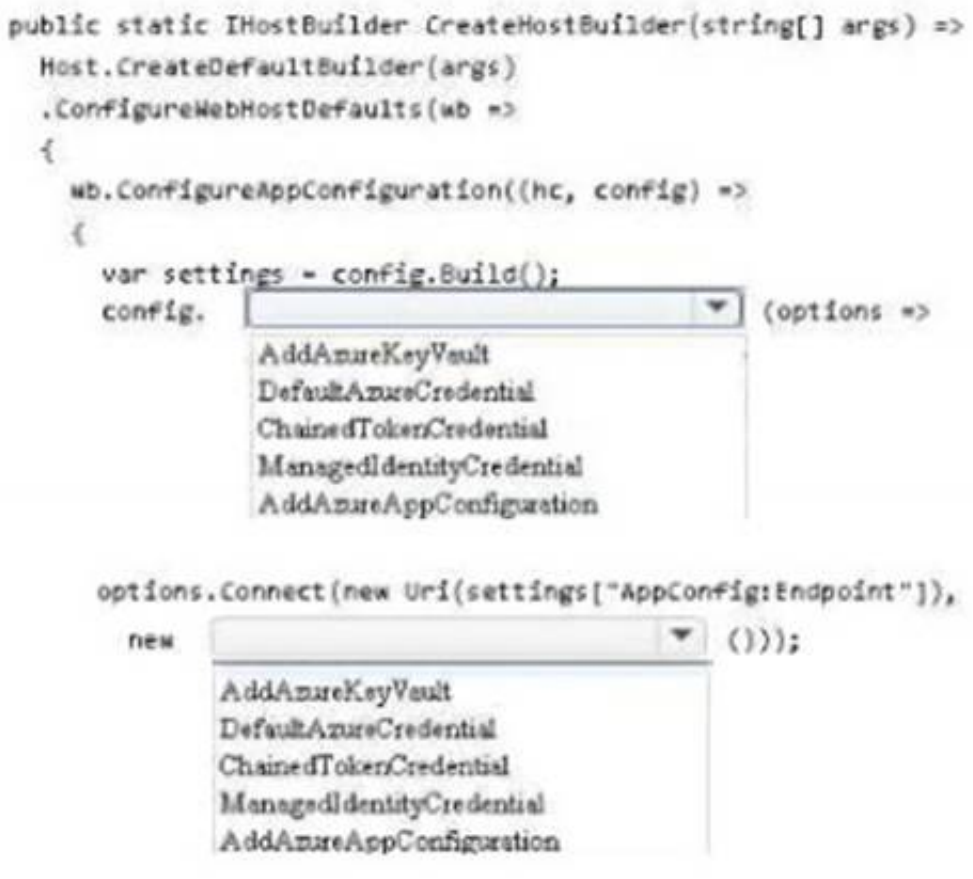
A. Include the managers group.
B. Exclude the managers group.
C. Exclude the administrators group.
D. Navigate to the following URL:
```
PUT https://management.azure.com/subscriptions/00000000-1111-2222-3333-444444444444
/resourceGroups/rg01/providers/Microsoft.Sql/servers/server01/databases/customers
/transparentDataEncryption/current?api-version=2014-04-01
```
E. Run the following Azure PowerShell command:
```
New-AzureRmSqlDatabaseDataMaskingRule -SchemaName "dbo" -TableName "customers" '
-ColumnName "ssn" -MaskingFunction "Default"
```

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: BE

Explanation:
Dynamic data masking helps prevent unauthorized access to sensitive data by enabling customers to designate how much of the sensitive data to reveal with minimal impact on the application layer.
SQL users excluded from masking - A set of SQL users or AAD identities that get unmasked data in the SQL query results.
Note: The New-AzureRmSqlDatabaseDataMaskingRule cmdlet creates a data masking rule for an Azure SQL database.
References:
https://docs.microsoft.com/en-us/powershell/module/azurerm.sql/new- azurermsqldatabasedatamaskingrule?view=azurermps-6.13.0

NEW QUESTION 147
HOTSPOT - (Topic 8)
You are a developer building a web site using a web app. The web site stores configuration data in Azure App Configuration. Access to Azure App Configuration has been configured to use the identity of the web app for authentication. Security requirements specify that no other authentication systems must be used.
You need to load configuration data from Azure App Configuration.
How should you complete the code? To answer, select the appropriate options in the answer area.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 151
- (Topic 8)
You are developing a solution that will use Azure messaging services.
You need to ensure that the solution uses a publish-subscribe model and eliminates the need for constant polling.
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. Service Bus
B. Event Hub
C. Event Grid
D. Queue

Answer: AC

Explanation:
It is strongly recommended to use available messaging products and services that support a publish-subscribe model, rather than building your own. In Azure, consider using Service Bus or Event Grid. Other technologies that can be used for pub/sub messaging include Redis, RabbitMQ, and Apache Kafka.
Reference:
https://docs.microsoft.com/en-us/azure/architecture/patterns/publisher-subscriber

NEW QUESTION 156
DRAG DROP - (Topic 8)
You are developing a .NET Core model-view controller (MVC) application hosted on Azure for a health care system that allows providers access to their information.
You develop the following code:

```
services.AddAuthorization (options =>
{
  options.AddPolicy("ProviderPartner", policy =>
  {
   .policy.AddAuthenticationSchemes("Cookie, Bearer");
    policy.RequireAuthenticatedUser();
    policy.RequireRole("ProviderAdmin", "SysAdmin");
    policy.RequireClaim("editor", "partner");
  });
}
```

You define a role named SysAdmin.
You need to ensure that the application meets the following authorization requirements:
? Allow the ProviderAdmin and SysAdmin roles access to the Partner controller regardless of whether the user holds an editor claim of partner.
? Limit access to the Manage action of the controller to users with an editor claim of
partner who are also members of the SysAdmin role.
How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.

```
services.AddAuthorization (options =>
{
  options.AddPolicy("ProviderPartner",
  {
    .policy.AddAuthenticationSchemes("Cookie, Bearer");
    policy.RequireAuthenticatedUser();
    policy.RequireRole("ProviderAdmin" });
    policy.RequireClaim("editor", "pa}
});
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1:
Allow the ProviderAdmin and SysAdmin roles access to the Partner controller regardless of whether the user holds an editor claim of partner.
Box 2:
Limit access to the Manage action of the controller to users with an editor claim of partner who are also members of the SysAdmin role.

NEW QUESTION 161
- (Topic 8)
You are developing a web application that uses the Microsoft identity platform to authenticate users and resources, The web application calls several REST APIs. The APIs require an access token from the Microsoft identity platform. You need to request a token.
Which three properties should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Application name
B. Application secret
C. Application ID
D. Supported account type
E. Redirect URI/URL

Answer: ABC

NEW QUESTION 165
HOTSPOT - (Topic 8)
You are developing a data storage solution for a social networking app.
The solution requires a mobile app that stores user information using Azure Table Storage. You need to develop code that can insert multiple sets of user information.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
CloudStorageAccount storageAccount = CloudStorageAccount.Parse(
 CloudConfigurationManager.GetSetting("StorageConnectionString"));
CloudTableClient tableClient = storageAccount.CreateCloudTableClient();
CloudTable table = tableClient.GetTableReference("clients");
Table.CreateIfNotExists();

[ ▼ ] op = new [ ▼ ]();
  TableOperation / TableBatchOperaton / TableEntity / TableQuery
  TableOperation / TableBatchOperaton / TableEntity / TableQuery

. . .
table.[ ▼ ](op);
  ExecuteBatch / Execute / Insert / InsertOrMerge
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1, Box 2: TableBatchOperation Create the batch operation.
TableBatchOperation op = new TableBatchOperation();
Box 3: ExecuteBatch
/ Execute the batch operation. table.ExecuteBatch(op);
Note: You can insert a batch of entities into a table in one write operation. Some other notes on batch operations:
You can perform updates, deletes, and inserts in the same single batch operation. A single batch operation can include up to 100 entities.
All entities in a single batch operation must have the same partition key.
While it is possible to perform a query as a batch operation, it must be the only operation in the batch.
References:
https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet

NEW QUESTION 170
- (Topic 8)
You are updating an application that stores data on Azure and uses Azure Cosmos DB for storage. The application stores data in multiple documents associated with a single username.
The application requires the ability to update multiple documents for a username in a single ACID operation.
You need to configure Azure Cosmos DB.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Configure Azure Cosmos DB to use the Azure Cosmos DB for Apache Gremlin API.
B. Configure Azure Cosmos DB to use the Azure Cosmos DB for MongoDB API.
C. Create a collection sharded on username to store documents.
D. Create an unsharded collection to store documents.

Answer: BD

NEW QUESTION 171
FILL IN THE BLANK - (Topic 8)
You are developing a web application by using the Azure SDK. The web application accesses data m a zone-redundant BlockBlobStorage storage account
The application must determine whether the data has changed since the application last reao the data. Update operations must use the latest data changes when writing data to the storages.....
You need to implement the update operations.
Which values should you use? To answer, select the appropriate option m the answer area.
NOTE Each correct selection is worth one point.

A. Mastered
B. Not Mastered

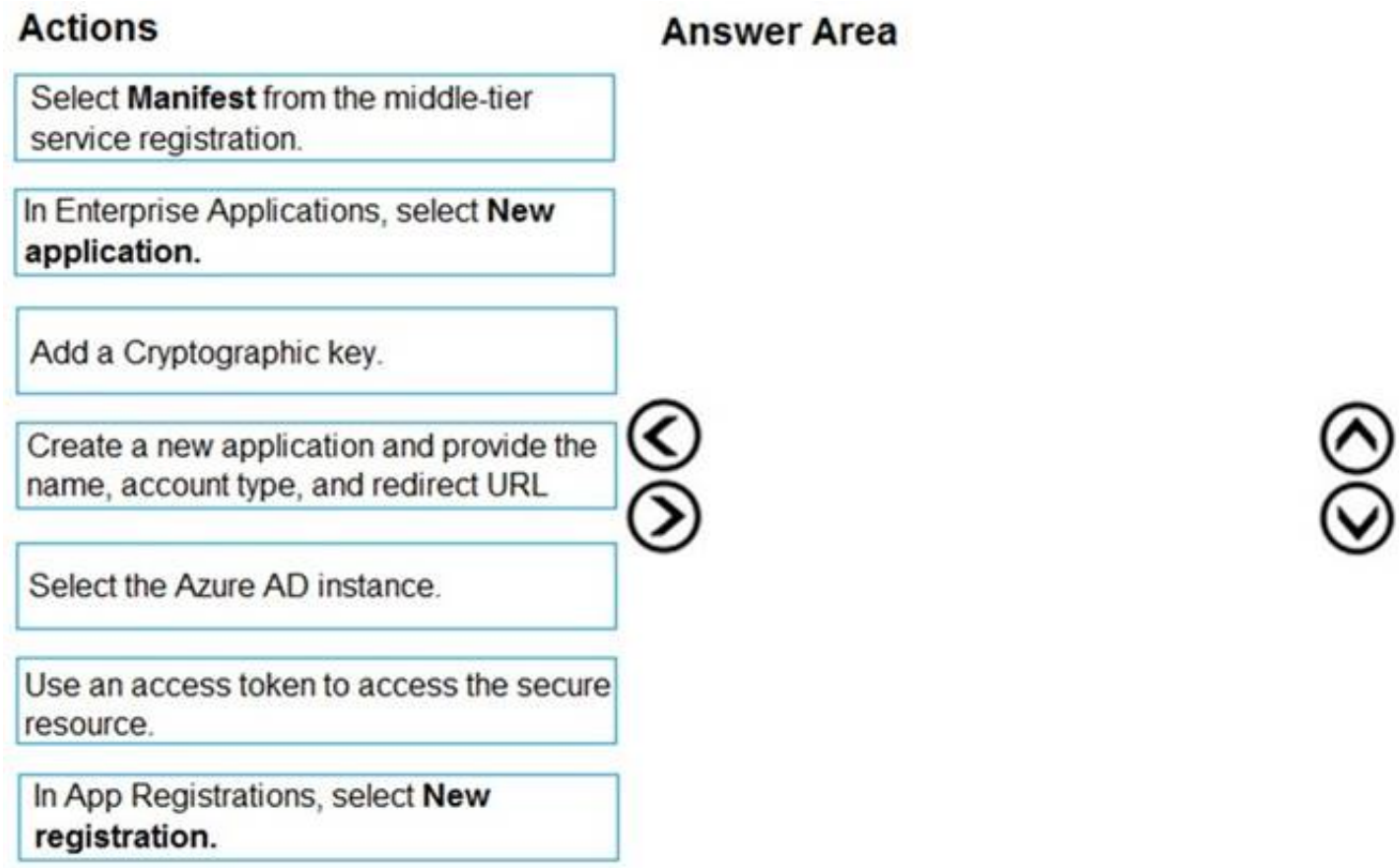
Answer: A

Explanation:

Answer Area

Code evaluation	Value
HTTP Header value	VersionId
Conditional header	If-Match

NEW QUESTION 172
DRAG DROP - (Topic 8)
You develop a web application.
You need to register the application with an active Azure Active Directory (Azure AD) tenant.
Which three actions should you perform in sequence? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

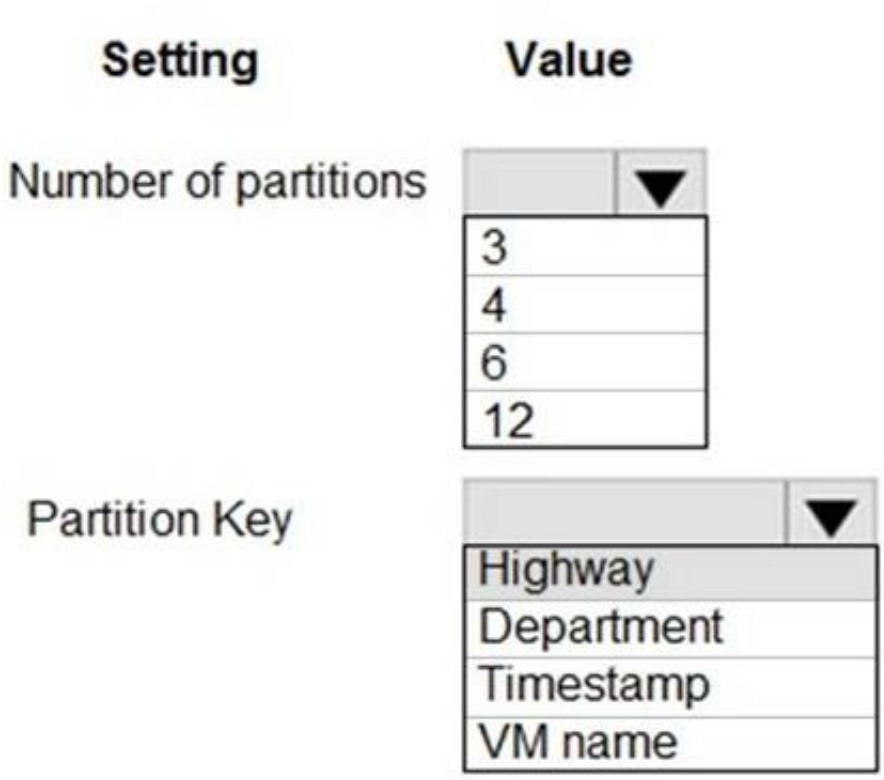


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Register a new application using the Azure portal
? Sign in to the Azure portal using either a work or school account or a personal Microsoft account.
? If your account gives you access to more than one tenant, select your account in the upper right corner. Set your portal session to the Azure AD tenant that you want.
? Search for and select Azure Active Directory. Under Manage, select App registrations.
? Select New registration. (Step 1)
? In Register an application, enter a meaningful application name to display to users.
? Specify who can use the application. Select the Azure AD instance. (Step 2)
? Under Redirect URI (optional), select the type of app you're building: Web or Public client (mobile & desktop). Then enter the redirect URI, or reply URL, for your application. (Step 3)
? When finished, select Register.

NEW QUESTION 173
HOTSPOT - (Topic 8)
You are building a traffic monitoring system that monitors traffic along six highways. The system produces time series analysis-based reports for each highway.
Data from traffic sensors are stored in Azure Event Hub.
Traffic data is consumed by four departments. Each department has an Azure Web App that displays the time-series-based reports and contains a WebJob that processes the incoming data from Event Hub. All Web Apps run on App Service Plans with three instances.
Data throughout must be maximized. Latency must be minimized. You need to implement the Azure Event Hub.
Which settings should you use? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: 6
The number of partitions is specified at creation and must be between 2 and 32. There are 6 highways.
Box 2: Highway References:
https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-features

NEW QUESTION 175
- (Topic 8)
You are developing an Azure Function App that runs in an App Service Plan. The Azure Function is triggered by a Timer object. You observe that the Azure Function does not reliably trigger when scheduled. Which two actions should you perform?

A. Verify that Always On is enabled.
B. Modify the trigger to use a SignaIR trigger.
C. Ensure that the function has a retry configured.
D. Modify the trigger to use Consumption mode instead of the App Service plan.

Answer: AC

NEW QUESTION 177
- (Topic 8)
You are developing several microservices to deploy to a Azure Service cluster. The microservices manage data stored in Azure Cosmos DB and Azure Blob storage. The data is secured by using customer-managed keys stored in Aue Key Vault.
You must automate key rotation for all Key Vault keys and allow for manual key rotation. Keys must rotate every three months. Notifications Of expiring keys must be sent before key expiry.
You need to configure key rotation and enable key expiry notifications.
Which two actions should you perform? Each correct answer presents part Of solution. NOTE: Each correct selection is worth

A. Create and configure a new Azure Event Grid instance.
B. Create configure a key rotation policy during key creation
C. Create and assign an Azure Key Vault access
D. Configure Azure Key Vault

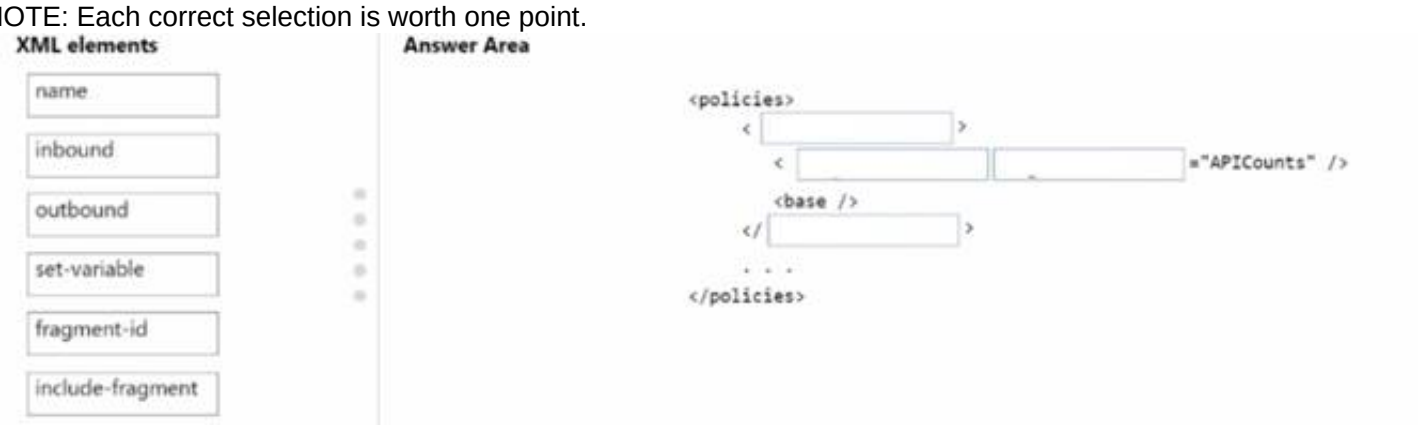
Answer: BD

Explanation:
https://learn.microsoft.com/en-us/azure/key-vault/keys/how-to-configure-key- rotation

NEW QUESTION 182
DRAG DROP - (Topic 8)
You develop and deploy several APIs to Azure API Management. You create the following policy fragment named APICounts:

```
<fragment>
    <emit-metric value="1" namespace="custom-metrics">
        <dimension name="User ID" />
        <dimension name="Operation ID" />
        <dimension name="API ID" />
        <dimension name="Client IP" value="@(context.Request.IpAddress)" />
    </emit-metric>
</fragment>
```

The policy fragment must be reused across various scopes and APIs. The policy fragment must be applied to all APIs and run when a calling system invokes any API.
You need to implement the policy fragment.
How should you complete the policy segment? To answer, drag the appropriate XML elements to the correct targets. Each XML element 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://learn.microsoft.com/en-us/azure/api-management/include-fragment-policy

NEW QUESTION 183
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in Azure Storage Blob storage. The storage account type is General-purpose V2.
When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.
You need to design the process that starts the photo processing.
Solution: Use the Azure Blob Storage change feed to trigger photo processing. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
The change feed is a log of changes that are organized into hourly segments but appended to and updated every few minutes. These segments are created only when there are blob change events that occur in that hour.
Instead catch the triggered event, so move the photo processing to an Azure Function triggered from the blob upload.
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

NEW QUESTION 185
HOTSPOT - (Topic 8)
A company is developing a Java web app. The web app code is hosted in a GitHub repository located at https://github.com/Contoso/webapp.
The web app must be evaluated before it is moved to production. You must deploy the initial code release to a deployment slot named staging.
You need to create the web app and deploy the code.
How should you complete the commands? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
gitrepo=https://github.com/Contoso/webapp
webappname=businesswebapp
resourcegroupname=BusinessAppResourceGroup
```

```
az [group|webapp|appservice plan|webapp deployment slot|webapp deployment source] create --location centralus - -name $resourcegroupname
az [group|webapp|appservice plan|webapp deployment slot|webapp deployment source] create --name $webappname - -resource-group $resourcegroupname
- -sku S3
az [group|webapp|appservice plan|webapp deployment slot|webapp deployment source] create --name $webappname - -resource-group $resourcegroupname
\ - -plan $webappname
az [group|webapp|appservice plan|webapp deployment slot|webapp deployment source] create --name $webappname - -resource-group $resourcegroupname
\ - -slot staging
az [group|webapp|appservice plan|webapp deployment slot|webapp deployment source] config - -name $webappname - -resource-group $resourcegroupname
\ - -slot staging - -repo-url
$gitrepo - -branch master - -manual-integration
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: group
Create a resource group.
az group create --location westeurope --name myResourceGroup
Box 2: appservice plan
Create an App Service plan in STANDARD tier (minimum required by deployment slots). az appservice plan create --name $webappname --resource-group myResourceGroup -- sku S1
Box 3: webapp
Create a web app.
az webapp create --name $webappname --resource-group myResourceGroup \
--plan $webappname
Box 4: webapp deployment slot
#Create a deployment slot with the name "staging".
az webapp deployment slot create --name $webappname --resource-group myResourceGroup \
--slot staging
Box 5: webapp deployment source
Deploy sample code to "staging" slot from GitHub.
az webapp deployment source config --name $webappname --resource-group myResourceGroup \
--slot staging --repo-url $gitrepo --branch master --manual-integration
References:
https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-deploy-staging-environment

NEW QUESTION 188
- (Topic 8)
You are building a B2B web application that uses Azure B2B collaboration for authentication Paying customers authenticate to Azure B2B using federation
The application allows users to sign up for trial accounts using any email address
When a user converts to a paying customer, the data associated with the teal should be kept, but the user must authenticate using federation
You need to update the user in Azure Active Directory (Azure AD) when they convert to a paying customer
Which Graph API parameter is used to change authentication from one-time passé odes to federation?

A. uscrFlowType
B. Status
C. invittdUstr
D. resetRedemption

Answer: B

NEW QUESTION 193
HOTSPOT - (Topic 8)
You plan to deploy a new application to a Linux virtual machine (VM) that is hosted in Azure.

The entire VM must be secured at rest by using industry-standard encryption technology to address organizational security and compliance requirements.
You need to configure Azure Disk Encryption for the VM.
How should you complete the Azure Cli commands? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: keyvault
Create an Azure Key Vault with az keyvault create and enable the Key Vault for use with disk encryption. Specify a unique Key Vault name for keyvault_name as follows:
keyvault_name=myvaultname$RANDOM az keyvault create \
--name $keyvault_name \
--resource-group $resourcegroup \
--location eastus \
--enabled-for-disk-encryption True
Box 2: keyvault key
The Azure platform needs to be granted access to request the cryptographic keys when the VM boots to decrypt the virtual disks. Create a cryptographic key in your Key Vault with az keyvault key create. The following example creates a key named myKey:
az keyvault key create \
--vault-name $keyvault_name \
--name myKey \
--protection software
Box 3: vm
Create a VM with az vm create. Only certain marketplace images support disk encryption. The following example creates a VM named myVM using an Ubuntu 16.04 LTS image:
az vm create \
--resource-group $resourcegroup \
--name myVM \
--image Canonical:UbuntuServer:16.04-LTS:latest \
--admin-username azureuser \
--generate-ssh-keys \
Box 4: vm encryption
Encrypt your VM with az vm encryption enable:
az vm encryption enable \
--resource-group $resourcegroup \
--name myVM \
--disk-encryption-keyvault $keyvault_name \
--key-encryption-key myKey \
--volume-type all
Note: seems to an error in the question. Should have enable instead of create. Box 5: all
Encrypt both data and operating system.
References:
https://docs.microsoft.com/bs-latn-ba/azure/virtual-machines/linux/encrypt-disks

NEW QUESTION 195
HOTSPOT - (Topic 8)
You are developing an Azure Function App by using Visual Studio. The app will process orders input by an Azure Web App. The web app places the order information into Azure Queue Storage.
You need to review the Azure Function App code shown below.

```
public static class OrderProcessor
{
  [FunctionName("ProcessOrders")]
  public static void ProcessOrders([QueueTrigger("incoming-orders")]CloudQueueMessage myQueueItem, [Table("Orders")]ICollector<Order> tableBindings, TraceWriter log)
  {
    log.Info($"Processing Order: {myQueueItem.Id}");
    log.Info($"Queue Insertion Time: {myQueueItem.InsertionTime}");
    log.Info($"Queue Expiration Time: {myQueueItem.ExpirationTime}");
    tableBindings.Add(JsonConvert.DeserializeObject<Order>(myQueueItem.AsString));
  }
  [FunctionName("ProcessOrders-Poison")]
  public static void ProcessFailedOrders([QueueTrigger("incoming-orders-poison")]CloudQueueMessage myQueueItem, TraceWriter log)
  {
    log.Error($"Failed to process order: {myQueueItem.AsString}");
    . . .
  }
}
```

NOTE:Each correct selection is worth one point.

	Yes	No
The code will log the time that the order was processed from the queue.	○	○
When the ProcessOrders function fails, the function will retry up to five times for a given order, including the first try.	○	○
When there are multiple orders in the queue, a batch of orders will be retrieved from the queue and the ProcessOrders function will run multiple instances concurrently to process the orders.	○	○
The ProcessOrders function will output the order to an Orders table in Azure Table Storage.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
ExpirationTime - The time that the message expires.
InsertionTime - The time that the message was added to the queue.
Box 2: Yes
maxDequeueCount - The number of times to try processing a message before moving it to the poison queue. Default value is 5.
Box 3: Yes
When there are multiple queue messages waiting, the queue trigger retrieves a batch of messages and invokes function instances concurrently to process them.
By default, the batch size is 16. When the number being processed gets down to 8, the runtime gets another batch and starts processing those messages. So the maximum number of concurrent messages being processed per function on one virtual machine (VM) is 24.
Box 4: Yes References:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-queue

NEW QUESTION 196
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario.
Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing an Azure Service application that processes queue data when it receives a message from a mobile application. Messages may not be sent to the service consistently.
You have the following requirements:
? Queue size must not grow larger than 80 gigabytes (GB).
? Use first-in-first-out (FIFO) ordering of messages.
? Minimize Azure costs.
You need to implement the messaging solution.
Solution: Use the .Net API to add a message to an Azure Storage Queue from the mobile application. Create an Azure VM that is triggered from Azure Storage Queue events.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Don't use a VM, instead create an Azure Function App that uses an Azure Service Bus Queue trigger.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-storage-queue- triggered-function

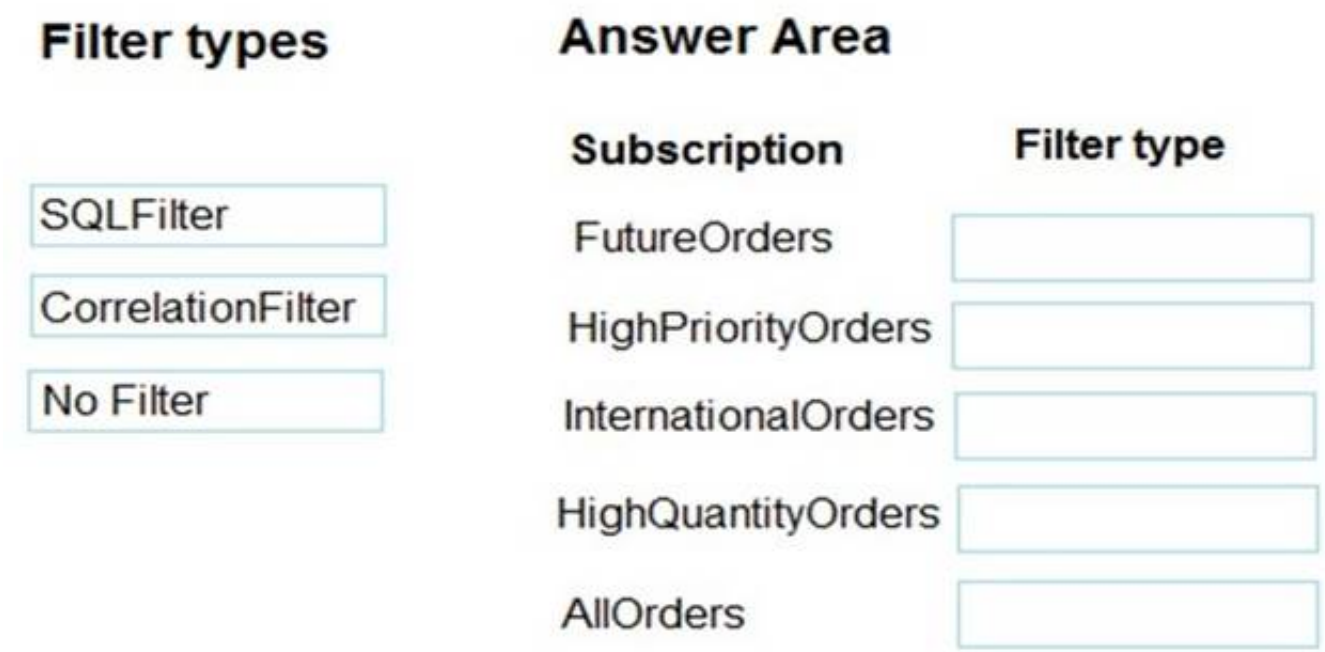
NEW QUESTION 201
DRAG DROP - (Topic 8)
You are implementing an order processing system. A point of sale application publishes orders to topics in an Azure Service Bus queue. The label property for the topic includes the following data:

Property	Description
ShipLocation	the country/region where the order will be shipped
CorrelationId	a priority value for the order
Quantity	a user-defined field that stores the quantity of items in an order
AuditedAt	a user-defined field that records the date an order is audited

The system has the following requirements for subscriptions

Subscription type	Comments
FutureOrders	This subscription is reserved for future use and must not receive any orders.
HighPriorityOrders	Handle all high priority orders and International orders.
InternationalOrders	Handle orders where the country/region is not United States.
HighQuantityOrders	Handle only orders with quantities greater than 100 units.
AllOrders	This subscription is used for auditing purposes. This subscription must receive every single order. AllOrders has an Action defined that updates the AuditedAt property to include the date and time it was received by the subscription.

You need to implement filtering and maximize throughput while evaluating filters.
Which filter types should you implement? To answer, drag the appropriate filter types to the correct subscriptions. Each filter 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
FutureOrders: SQLFilter HighPriortyOrders: CorrelationFilter
CorrelationID only
InternationalOrders: SQLFilter
Country NOT USA requires an SQL Filter
HighQuantityOrders: SQLFilter
Need to use relational operators so an SQL Filter is needed. AllOrders: No Filter
SQL Filter: SQL Filters - A SqlFilter holds a SQL-like conditional expression that is evaluated in the broker against the arriving messages' user-defined properties and system properties. All system properties must be prefixed with sys. in the conditional expression. The SQL-language subset for filter conditions tests for the existence of properties (EXISTS), as well as for null-values (IS NULL), logical NOT/AND/OR, relational operators, simple numeric arithmetic, and simple text pattern matching with LIKE.
Correlation Filters - A CorrelationFilter holds a set of conditions that are matched against one or more of an arriving message's user and system properties. A common use is to match against the CorrelationId property, but the application can also choose to match against ContentType, Label, MessageId, ReplyTo, ReplyToSessionId, SessionId, To, and any user-defined properties. A match exists when an arriving message's value for a property is equal to the value specified in the correlation filter. For string expressions, the comparison is case-sensitive. When specifying multiple match properties, the filter combines them as a logical AND condition, meaning for the filter to match, all conditions must match.
Boolean filters - The TrueFilter and FalseFilter either cause all arriving messages (true) or none of the arriving messages (false) to be selected for the subscription.
References:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/topic-filters

NEW QUESTION 204
- (Topic 8)
You develop and deploy a Java RESTful API to Azure App Service.

You open a browser and navigate to the URL for the API. You receive the following error message:

```
Failed to load http://api.azurewebsites.net:6000/#/api/Products: No 'Access-
Control-Allow-Origin'header is present on the requested resource.
Origin 'http://localhost:6000' is therefore not allowed access
```

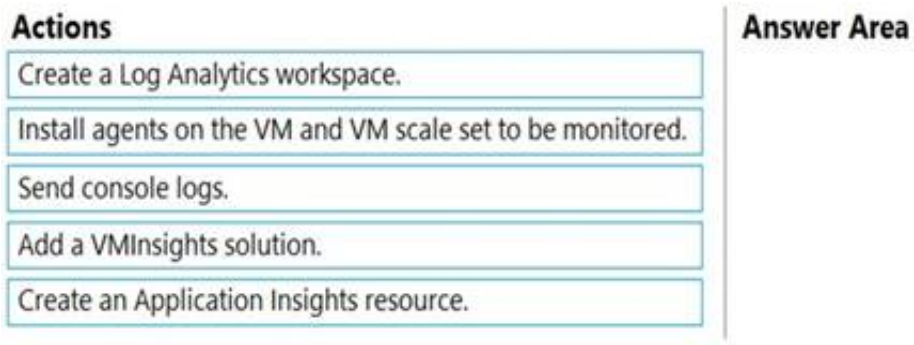
You need to resolve the error. What should you do?

A. Bind an SSL certificate
B. Enable authentication
C. Enable CORS
D. Map a custom domain
E. Add a CDN

Answer: C

Explanation:
We need to enable Cross-Origin Resource Sharing (CORS).
References:
https://medium.com/@xinganwang/a-practical-guide-to-cors-51e8fd329a1f

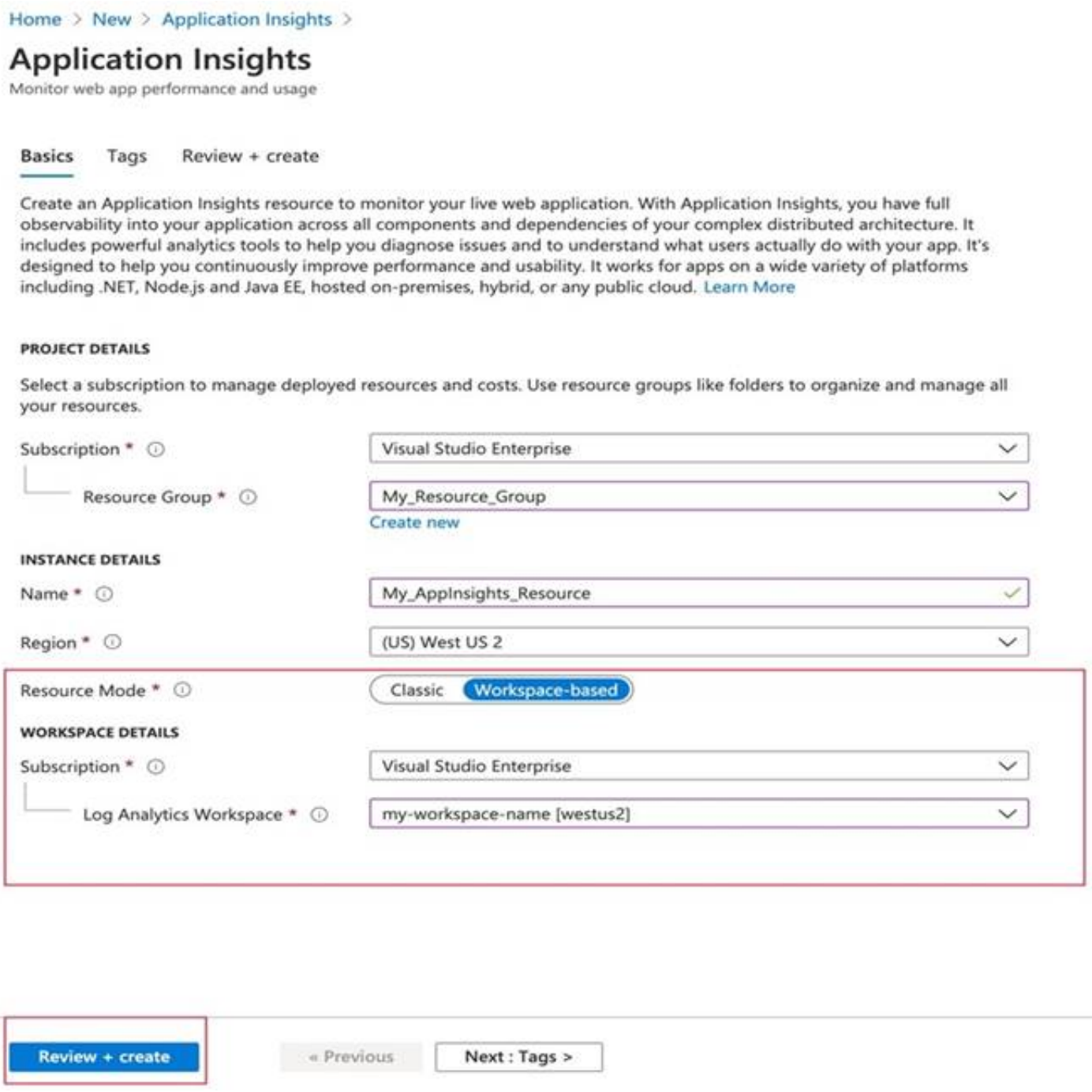
NEW QUESTION 208
DRAG DROP - (Topic 8)
You develop an application. You plan to host the application on a set of virtual machines (VMs) in Azure.
You need to configure Azure Monitor to collect logs from the application.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Create a Log Analytics workspace. First create the workspace.



Step 2: Add a VMInsights solution.
Before a Log Analytics workspace can be used with VM insights, it must have the VMInsights solution installed.
Step 3: Install agents on the VM and VM scale set to be monitored.
Prior to onboarding agents, you must create and configure a workspace. Install or update the Application Insights Agent as an extension for Azure virtual machines and VM scalet sets.
Step 4: Create an Application Insights resource
Sign in to the Azure portal, and create an Application Insights resource.
Once a workspace-based Application Insights resource has been created, configuring monitoring is relatively straightforward.

NEW QUESTION 212
- (Topic 8)
You develop and deploy an Azure App Service web app named App1. You create a new Azure Key Vault named Vault 1. You import several API keys, passwords, certificates, and cryptographic keys into Vault1.
You need to grant App1 access to Vault1 and automatically rotate credentials Credentials must not be stored in code.
What should you do?

A. Enable App Service authentication for App
B. Assign a custom RBAC role to Vault1.
C. Add a TLS/SSL binding to App1.
D. Assign a managed identity to App1.
E. Upload a self-signed client certificate to Vault1. Update App1 to use the client certificate.

Answer: D

NEW QUESTION 214
- (Topic 8)
You develop and deploy an Azure Logic app that calls an Azure Function app. The Azure Function app includes an OpenAPI (Swagger) definition and uses an Azure Blob storage account. All resources are secured by using Azure Active Directory (Azure AD).
The Azure Logic app must securely access the Azure Blob storage account. Azure AD resources must remain if the Azure Logic app is deleted.
You need to secure the Azure Logic app. What should you do?

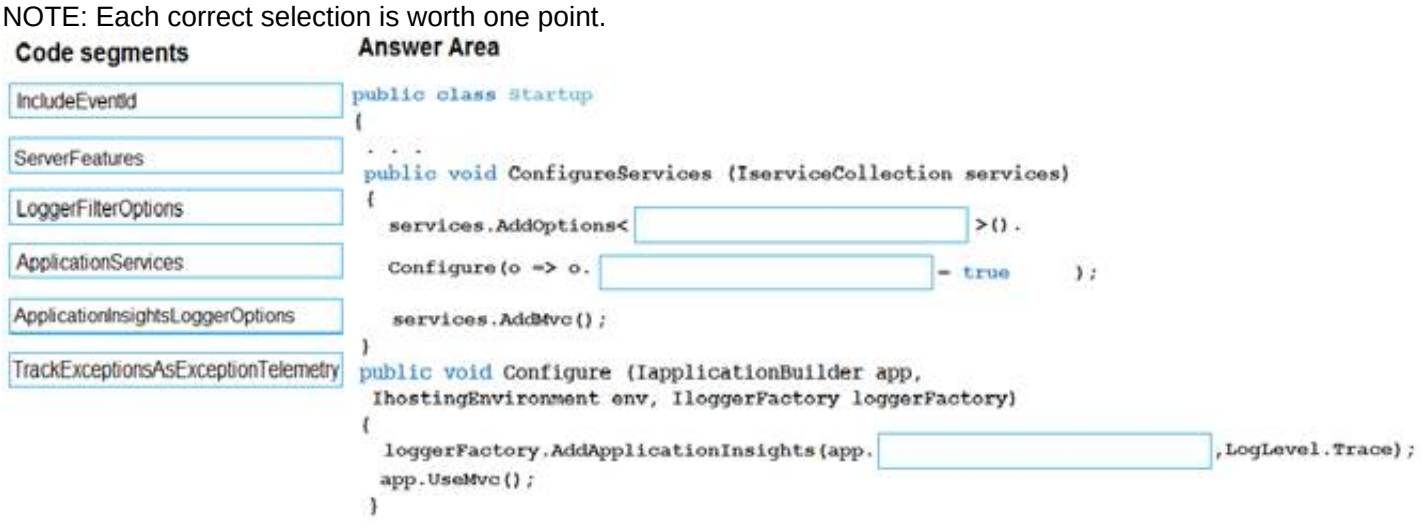
A. Create an Azure AD custom role and assign role-based access controls.
B. Create an Azure AD custom role and assign the role to the Azure Blob storage account.
C. Create an Azure Key Vault and issue a client certificate.
D. Create a user-assigned managed identity and assign role-based access controls.
E. Create a system-assigned managed identity and issue a client certificate.

Answer: D

Explanation:
To give a managed identity access to an Azure resource, you need to add a role to the target resource for that identity.
Note: To easily authenticate access to other resources that are protected by Azure Active Directory (Azure AD) without having to sign in and provide credentials or

secrets, your logic app can use a managed identity (formerly known as Managed Service Identity or MSI). Azure manages this identity for you and helps secure your credentials because you don't have to provide or rotate secrets.
If you set up your logic app to use the system-assigned identity or a manually created, user-assigned identity, the function in your logic app can also use that same identity for authentication.
Reference:
https://docs.microsoft.com/en-us/azure/logic-apps/create-managed-service-identity
https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-mutual-certificates-for-clients

NEW QUESTION 219
DRAG DROP - (Topic 8)
You are developing an ASP.NET Core Web API web service that uses Azure Application Insights to monitor performance and track events.
You need to enable logging and ensure that log messages can be correlated to events tracked by Application Insights.
How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: ApplicationInsightsLoggerOptions
If you want to include the EventId and EventName properties, then add the following to the ConfigureServices method:
services AddOptions<ApplicationInsightsLoggerOptions>() Configure(o => o.IncludeEventId = true);
Box 2: IncludeEventID
Box 3: ApplicationServices
In Asp.Net core apps it turns out that trace logs do not show up in Application Insights out of the box. We need to add the following code snippet to our Configure method in Startup.cs:
loggerFactory.AddApplicationInsights(app.ApplicationServices, logLevel); References:
https://blog.computedcloud.com/enabling-application-insights-trace-logging-in-asp-net-core/

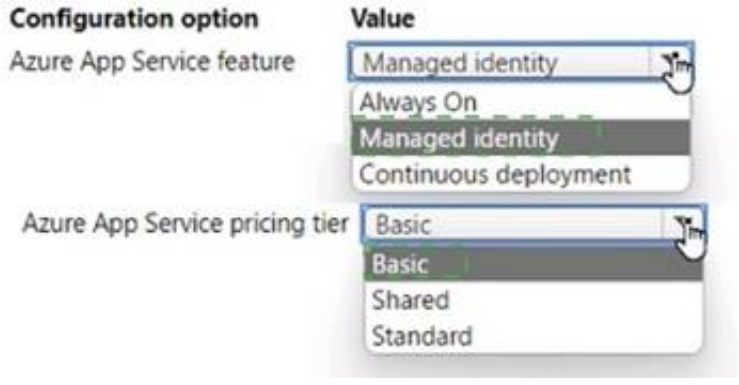
NEW QUESTION 221
HOTSPOT - (Topic 8)
You have an App Service plan named aspl based on the Free pricing tier.
You plan to use aspl to implement an Azure Function app with a queue trigger. Your solution must minimize cost.
You need to identify the configuration options that will meet the requirements.
Which value should you configure? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 224
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals.
You are developing and deploying several ASP.NET web applications to Azure App Service. You plan to save session state information and HTML output.
You must use a storage mechanism with the following requirements:
? Share session state across all ASP.NET web applications.
? Support controlled, concurrent access to the same session state data for multiple readers and a single writer.
? Save full HTTP responses for concurrent requests.
You need to store the information.
Solution: Enable Application Request Routing (ARR). Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead deploy and configure Azure Cache for Redis. Update the web applications. Reference:
https://docs.microsoft.com/en-us/azure/architecture/best-practices/caching#managing-concurrency-in-a-cache

NEW QUESTION 226
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop and deploy an Azure App Service API app to a Windows-hosted deployment slot named Development. You create additional deployment slots namedTestingand Production. You enable auto swap on the Production deployment slot.
You need to ensure that scripts run and resources are available before a swap operation occurs.
Solution: Enable auto swap for the Testing slot. Deploy the app to the Testing slot. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead update the web.config file to include the applicationInitialization configuration element. Specify custom initialization actions to run the scripts.
Note: Some apps might require custom warm-up actions before the swap. The applicationInitialization configuration element in web.config lets you specify custom initialization actions. The swap operation waits for this custom warm-up to finish before swapping with the target slot. Here's a sample web.config fragment.
<system.webServer>
<applicationInitialization>
<add initializationPage="/" hostName="[app hostname]" />
<add initializationPage="/Home/About" hostName="[app hostname]" />
</applicationInitialization>
</system.webServer>
Reference:
https://docs.microsoft.com/en-us/azure/app-service/deploy-staging-slots#troubleshoot- swaps

NEW QUESTION 227
HOTSPOT - (Topic 8)
You develop a news and blog content app for Windows devices.
A notification must arrive on a user’s device when there is a new article available for them to view.
You need to implement push notifications.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.

Answer Area

```
string notificationHubName = "contoso_hub";
string notificationHubConnection = "connection_string";
[ ▾ ] hub =
```

NotificationHubClient
NotificationHubClientSettings
NotificationHubJob
NotificationDetails

```
[ ▾ ] . [ ▾ ]
```

NotificationHubClient
NotificationHubClientSettings
NotificationHubJob
NotificationDetails

GetInstallation
CreateClientFromConnectionString
CreateOrUpdateInstallation
PatchInstallation

```
 (notificationHubConnection, notificationHubName);
string windowsToastPayload =
 @"<toast><visual><binding template=""ToastText01""><text id=""1"">" +
 @"New item to view" + @"</text></binding></visual></toast>";
try
{
var result =
  await hub. [ ▾ ] (windowsToastPayload);
```

SendWindowsNativeNotificationAsync
SubmitNotificationHubJobAsync
ScheduleNotificationAsync
SendAppleNativeNotificationAsync

```
  ...
}
catch (System.Exception ex)
{
 ...
}
...
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: NotificationHubClient
Box 2: NotificationHubClient
Box 3: CreateClientFromConnectionString
// Initialize the Notification Hub NotificationHubClient hub =
NotificationHubClient.CreateClientFromConnectionString(listenConnString, hubName);
Box 4: SendWindowsNativeNotificationAsync Send the push notification.
var result = await hub.SendWindowsNativeNotificationAsync(windowsToastPayload);

NEW QUESTION 228
HOTSPOT - (Topic 8)
A company runs an international travel and bookings management service. The company plans to begin offering restaurant bookings. You must develop a solution that uses Azure Search and meets the following requirements:
• Users must be able to search for restaurants by name, description, location, and cuisine.
• Users must be able to narrow the results further by location, cuisine, rating, and family- friendliness.
• All words in descriptions must be included in searches. You need to add annotations to the restaurant class.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
[SerializePropertyNameAsCamelCase]
public class Restaurant
{
 [Key, IsFilterable]
 public int RestaurantId { get; set; }
 [IsSearchable, IsFilterable, IsSortable]
 public string Name { get; set; }
```

- [IsSearchable.IsFilterable.IsSortable, IsFacetable]
- [IsFilterable.IsFacetable,Required]
- [IsSearchable]
- [IsSearchable, Required]

```
 public string location { get; set; }
 public string Phone { get; set; }
```

- [Required]
- [IsSearchable]
- [IsFilterable, IsFacetable, Required]
- [IsFilterable, IsFacetable, IsSortable]

```
public string Description { get; set; }
```

- [IsFiltrable, IsSortable, IsSearchable]
- [IsFilterable, IsSortable, IsFacetable]
- [IsFiltrable, IsSortable, Key]
- [IsFilteranle, IsSortable, IsSearchable, Required]

```
public double Rating { get; set; }
```

- [IsSearchable, IsFilterable, IsFacetable]
- [IsFilterbale, IsSortable, Key]
- [IsFilterable, IsSortable, IsSearchable]
- [IsFilterable, IsSortable, Key, Required]

```
public List<string> Cuisines { get; set; }
```

- [IsFilterable, IsSortable, Key, Required]
- [IsSearchable, IsSortable, IsFacetable]
- [IsFilterable, IsSortable, Key, IsSearchable]
- [IsFilterable, IsFacetable]

```
public bool FamilyFriendly { get; set; }
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: [IsSearchable.IsFilterable.IsSortable,IsFacetable] Location
Users must be able to search for restaurants by name, description, location, and cuisine. Users must be able to narrow the results further by location, cuisine, rating, and family- friendliness.
Box 2: [IsSearchable.IsFilterable.IsSortable,Required] Description
Users must be able to search for restaurants by name, description, location, and cuisine. All words in descriptions must be included in searches.
Box 3: [IsFilterable,IsSortable,IsFaceTable] Rating
Users must be able to narrow the results further by location, cuisine, rating, and family- friendliness.
Box 4: [IsSearchable.IsFilterable,IsFacetable]
Cuisines
Users must be able to search for restaurants by name, description, location, and cuisine. Users must be able to narrow the results further by location, cuisine, rating, and family- friendliness.
Box 5: [IsFilterable,IsFacetable] FamilyFriendly
Users must be able to narrow the results further by location, cuisine, rating, and family- friendliness.
References:

https://www.henkboelman.com/azure-search-the-basics/

NEW QUESTION 230
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing a website that will run as an Azure Web App. Users will authenticate by using their Azure Active Directory (Azure AD) credentials.
You plan to assign users one of the following permission levels for the website: admin, normal, and reader. A user's Azure AD group membership must be used to determine the permission level.
You need to configure authorization.
Solution:
? Configure and use Integrated Windows Authentication in the website.
? In the website, query Microsoft Graph API to load the group to which the user is a member.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Microsoft Graph is a RESTful web API that enables you to access Microsoft Cloud service resources.
Instead in the Azure AD application's manifest, set value of the groupMembershipClaims option to All. In the website, use the value of the groups claim from the JWT for the user to determine permissions.
Reference:
https://blogs.msdn.microsoft.com/waws/2017/03/13/azure-app-service-authentication-aad- groups/

NEW QUESTION 233
HOTSPOT - (Topic 8)
You are building a website that is used to review restaurants. The website will use an Azure CDN to improve performance and add functionality to requests.
You build and deploy a mobile app for Apple iPhones. Whenever a user accesses the website from an iPhone, the user must be redirected to the app store.
You need to implement an Azure CDN rule that ensures that iPhone users are redirected to the app store.
How should you complete the Azure Resource Manager template? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

```
"conditions": [ {
    "name": "IsDevice",
    "parameters": {
      "@odata.type": "#Microsoft.Azure.Cdn.Models.[DeliveryRuleIsDeviceConditionParameters | DeliveryRuleCookiesConditionParameters | DeliveryRulePostArgsConditionParameters | DeliveryRuleRequestHeaderConditionParameters]",
      "operator": "Equal"
      "matchValues": [ "[iOS | Mobile | iPhone | Desktop]" ]
} },
  {
    "name": "RequestHeader",
    "parameters": {
      "@odata.type": "#Microsoft.Azure.Cdn.Models.[DeliveryRuleIsDeviceConditionParameters | DeliveryRuleCookiesConditionParameters | DeliveryRulePostArgsConditionParameters | DeliveryRuleRequestHeaderConditionParameters]",
      "operator": "Contains",
      "selector": "[FROM | PRAGMA | X-POWERED-BY | HTTP_USER_AGENT]",
      "matchValues": [ "[iOS | Mobile | iPhone | Desktop]" ]
  } }
]
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: iOS
Azure AD Conditional Access supports the following device platforms:
? Android
? iOS
? Windows Phone
? Windows
? macOS
Box 2: DeliveryRuleIsDeviceConditionParameters
The DeliveryRuleIsDeviceCondition defines the IsDevice condition for the delivery rule. parameters defines the parameters for the condition.

Box 3: HTTP_USER_AGENT
Box 4: DeliveryRuleRequestHeaderConditionParameters DeliveryRuleRequestHeaderCondition defines the RequestHeader condition for the delivery rule. parameters defines the parameters for the condition.
Box 5: iOS
The Require approved client app requirement only supports the iOS and Android for device platform condition.

NEW QUESTION 235
- (Topic 8)
You are developing an application to store business-critical data in Azure Blob storage. The application must meet the following requirements:
• Data must not be modified or deleted for a user-specified interval.
• Data must be protected from overwntes and deletes.
• Data must be written once and allowed to be read many times. You need to protect the data fen the Azure Blob storage account.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Enable version-level immutability support for the storage account.
B. Create an account shared-access signature (SAS).
C. Enable point-in-time restore for containers in the storage account.
D. Create a service shared-access signature (SAS).
E. Enable the blob change feed for the storage account.
F. Configure a time-based retention policy for the storage account.

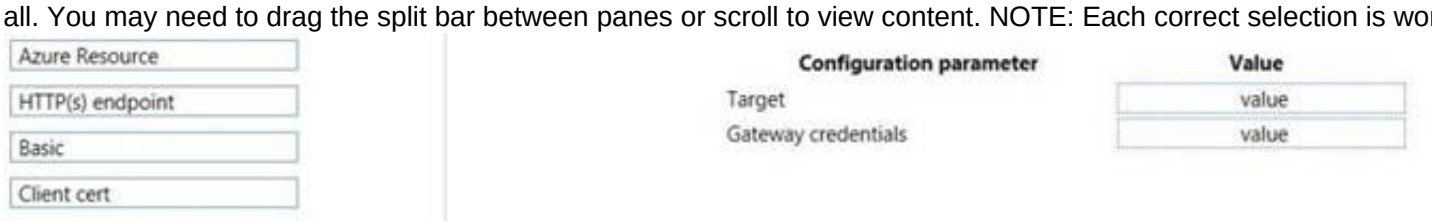
Answer: DF

NEW QUESTION 240
- (Topic 8)
You ate developing a web application that uses the Microsoft identity platform to authenticate users and resources. The web application calls several REST APIs. The APIs require an access token from the Microsoft identity platform. You need to request a token.
Which three properties should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Application secret
B. Redirect URI/URL
C. Application name
D. Supported account type
E. Application ID

Answer: ABE

NEW QUESTION 245
DRAG DROP - (Topic 8)
You develop a gateway solution for a public facing news API.
The news API back end is implemented as a RESTful sen/ice and hosted in an Azure App Service instance.
You need to configure back-end authentication for the API Management service instance. Which target and gateway credential type should you use? To answer, drag the appropriate
values to the correct parameters. Each value 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.

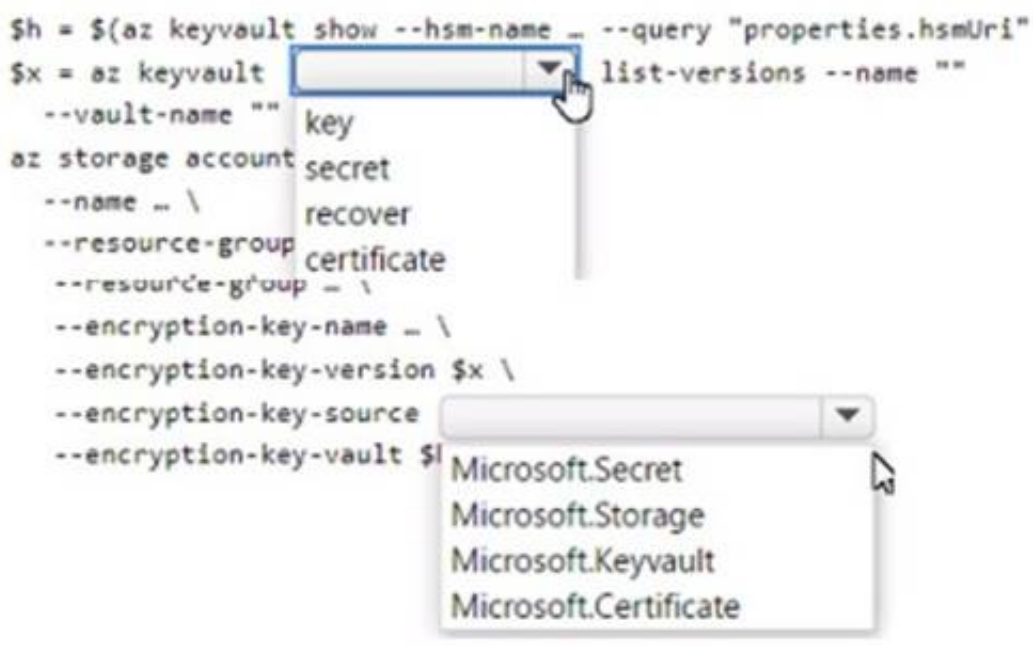


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Azure Resource Box 2: Client cert
API Management allows to secure access to the back-end service of an API using client certificates.
References:
https://docs.microsoft.com/en-us/rest/api/apimanagement/apimanagementrest/azure-api-management-rest-api-backend-entity

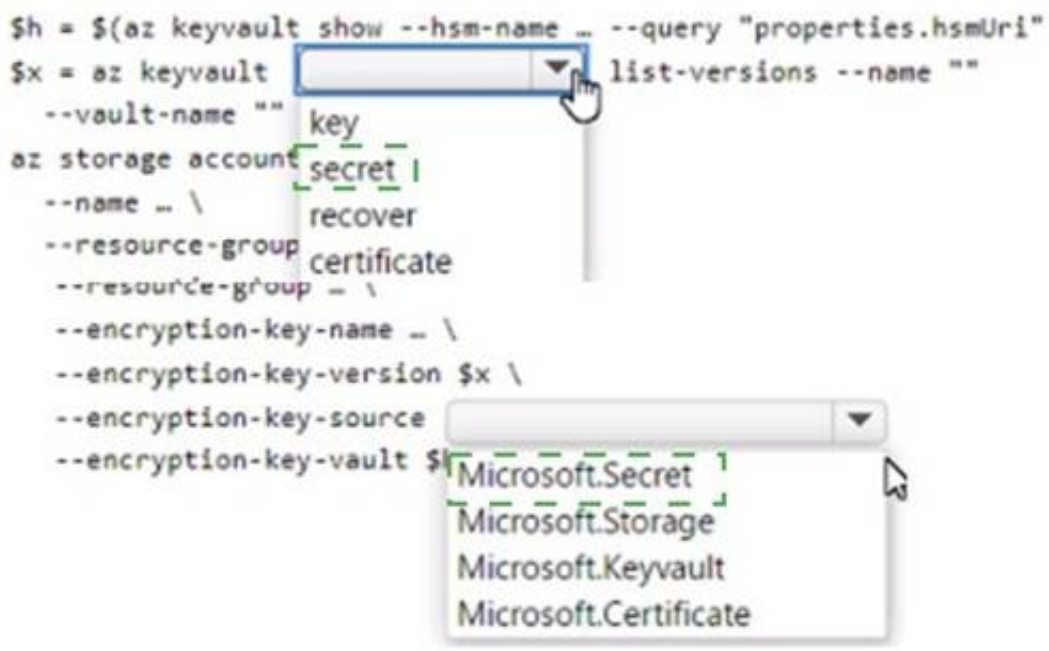
NEW QUESTION 247
HOTSPOT - (Topic 8)
You are developing an application that uses Azure Storage to store customer data. The data must only be decrypted by the customer and the customer must be provided a script to rotate keys.
You need to provide a script to rotate keys to the customer.
How should you complete the command? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 252
HOTSPOT - (Topic 8)
Your company is migrating applications to Azure. The IT department must allow internal developers to communicate with Microsoft support.
The service agents of the IT department must only have view resources and create support ticket permissions to all subscriptions. A new custom role must be created by reusing a default role definition and changing the permissions.
You need to create the custom role.
To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Item	Value
Powershell command	Get-AzureRmRoleDefinition-Name"Reader"|ConvertTo-Json|Out-File C:\SupportRole.json Get-AzureRmRoleDefinition-Name"Operator"|ConvertTo-Json|Out-File C:\SupportRole.json Set-AzureRmRoleDefinition-Name"Reader"|Input-File C:\SupportRole.json Set-AzureRmRoleDefinition Input-File C:\SupportRole.json
Actions section	"*/read*, *Microsoft.Support/*" "*/read* ""*,*Microsoft.Support/*" ""*

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Set-AzureRmRoleDefinition Input-File C:\SupportRole.json
The Set-AzureRmRoleDefinition cmdlet updates an existing custom role in Azure Role- Based Access Control. Provide the updated role definition as an input to

the command as a JSON file or a PSRoleDefinition object.
The role definition for the updated custom role MUST contain the Id and all other required properties of the role even if they are not updated: DisplayName, Description, Actions, AssignableScope
Box 2: "*/read*."* Microsoft.Support/*" Microsoft.Support/* Create and manage support tickets
"Microsoft.Support" role definition azure

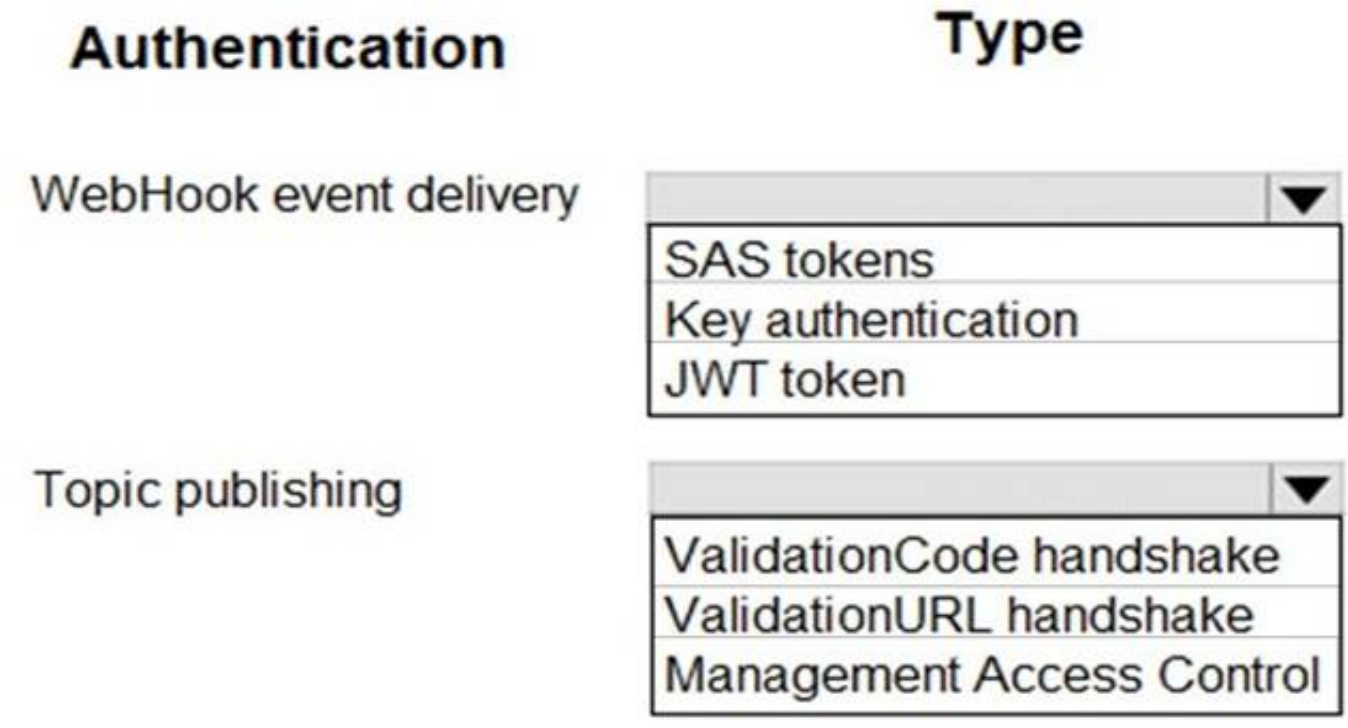
NEW QUESTION 253
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals.
You are developing and deploying several ASP.Net web applications to Azure App Service. You plan to save session state information and HTML output. You must use a storage mechanism with the following requirements:
•Share session state across all ASP.NET web applications
•Support controlled, concurrent access to the same session state data for multiple readers and a single writer
•Save full HTTP responses for concurrent requests You need to store the information.
Proposed Solution: Deploy and configure Azure Cache for Redis. Update the web applications.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
The session state provider for Azure Cache for Redis enables you to share session information between different instances of an ASP.NET web application.
The same connection can be used by multiple concurrent threads. Redis supports both read and write operations.
The output cache provider for Azure Cache for Redis enables you to save the HTTP responses generated by an ASP.NET web application.
Note: Using the Azure portal, you can also configure the eviction policy of the cache, and control access to the cache by adding users to the roles provided. These roles, which define the operations that members can perform, include Owner, Contributor, and Reader. For example, members of the Owner role have complete control over the cache (including security) and its contents, members of the Contributor role can read and write information
in the cache, and members of the Reader role can only retrieve data from the cache.
Reference:
https://docs.microsoft.com/en-us/azure/architecture/best-practices/caching

NEW QUESTION 257
HOTSPOT - (Topic 8)
You are creating an app that uses Event Grid to connect with other services. Your app's event data will be sent to a serverless function that checks compliance. This function is maintained by your company.
You write a new event subscription at the scope of your resource. The event must be invalidated after 3 specific period of time. You need to configure Event Grid to ensure security.
What should you implement? To answer, select the appropriate options in [he answer area. NOTE: Each correct selection is worth one point



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: SAS tokens
Custom topics use either Shared Access Signature (SAS) or key authentication. Microsoft recommends SAS, but key authentication provides simple programming, and is compatible with many existing webhook publishers.
In this case we need the expiration time provided by SAS tokens.
Box 2: ValidationCode handshake
Event Grid supports two ways of validating the subscription: ValidationCode handshake (programmatic) and ValidationURL handshake (manual).
If you control the source code for your endpoint, this method is recommended.

NEW QUESTION 260
HOTSPOT - (Topic 8)

You create the following PowerShell script:

```
$source = New-AzScheduledQueryRuleSource -Query 'Heartbeat | where TimeGenerated > ago(1h)' -DataSourceId "contoso"
$schedule = New-AzScheduledQueryRuleSchedule -FrequencyInMinutes 60 -TimeWindowInMinutes 60
$triggerCondition = New-AzScheduledQueryRuleTriggerCondition -ThresholdOperator "LessThan" -Threshold 5
$aznsActionGroup = New-AzScheduledQueryRuleAznsActionGroup -ActionGroup "contoso" -EmailSubject "Custom email subject"
 -CustomWebhookPayload "{ '"alert'":'"#alertrulename'", '"IncludeSearchResults'":true }"
$alertingAction = New-AzScheduledQueryRuleAlertingAction -AznsAction $aznsActionGroup -Severity "3" -Trigger $triggerCondition
New-AzScheduledQueryRule -ResourceGroupName "contoso" -Location "eastus" -Action $alertingAction -Enabled $true
 -Description "Alert description" -Schedule $schedule -Source $source -Name "Alert Name"
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No,
NOTE:Each correct selection is worth one point.

Statements	Yes	No
A log alert is created that sends an email when the CPU percentage is above 60 percent for five minutes.	○	○
A log alert is created that sends an email when the number of virtual machine heartbeats in the past hour is less than five.	○	○
The log alert is scheduled to run every two hours.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
The AzScheduledQueryRuleSource is Heartbeat, not CPU.
Box 2: Yes
The AzScheduledQueryRuleSource is Heartbeat!
Note: New-AzScheduledQueryRuleTriggerCondition creates an object of type Trigger Condition. This object is to be passed to the command that creates Alerting Action object.
Box 3: No
The schedule is 60 minutes, not two hours.
-FrequencyInMinutes: The alert frequency.
-TimeWindowInMinutes: The alert time window
The New-AzAscheduledQueryRuleSchedule command creates an object of type Schedule. This object is to be passed to the command that creates Log Alert Rule.

NEW QUESTION 262
- (Topic 8)
You are developing an application to manage shipping information for cargo ships. The application will use Azure Cosmos D8 for storage.
The application must run offline when ships are at sea The application must be connected to Azure when ships are in port.
Which Azure Cosmos D8 API should you use for the application?

A. Core
B. MongoDe
C. Cassandra
D. Gremlin

Answer: C

NEW QUESTION 267
- (Topic 8)
A company is developing a solution that allows smart refrigerators to send temperature information to a central location. You have an existing Service Bus.
The solution must receive and store message until they can be processed. You create an Azure Service Bus Instance by providing a name, pricing tier, subscription, resource group, and location.
You need to complete the configuration.
Which Azure CLI or PowerShell command should you run?

A.
```
az servicebus queue create
--resource-group fridge-rg
--namespace-name fridge-ns
--name fridge-q
```

B.
```
New-AzureRmResourceGroup
-Name fridge-rg
-Location fridge-loc
```

C.
```
New-AzureRmServiceBusNamespace
-ResourceGroupName fridge-rg
-NamespaceName fridge-loc
-Location fridge-loc
```

D.
```
connectionString-$)az serviceBus namespace authorization-rule keys list
--resource-group fridge-rg
--fridge-ns fridge-ns
--query primaryConnectionString -output tsv)
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

Explanation:
A service bus instance has already been created (Step 2 below). Next is step 3, Create a Service Bus queue.
Note: Steps:
Step 1: # Create a resource group resourceGroupName="myResourceGroup"
az group create --name $resourceGroupName --location eastus
Step 2: # Create a Service Bus messaging namespace with a unique name namespaceName=myNameSpace$RANDOM
az servicebus namespace create --resource-group $resourceGroupName --name
$namespaceName --location eastus
Step 3: # Create a Service Bus queue
az servicebus queue create --resource-group $resourceGroupName --namespace-name
$namespaceName --name BasicQueue
Step 4: # Get the connection string for the namespace
connectionString=$(az servicebus namespace authorization-rule keys list --resource-group
$resourceGroupName --namespace-name $namespaceName --name RootManageSharedAccessKey --query primaryConnectionString --output tsv)
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-quickstart-cli

NEW QUESTION 270
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop Azure solutions.
You must grant a virtual machine (VM) access to specific resource groups in Azure Resource Manager.
You need to obtain an Azure Resource Manager access token.
Solution: Use an X.509 certificate to authenticate the VM with Azure Resource Manager. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead run the Invoke-RestMethod cmdlet to make a request to the local managed identity
for Azure resources endpoint.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/tutorial-windows-vm-access-arm

NEW QUESTION 272
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.
The app continues to time out after four minutes. The app must process the blob data. You need to ensure the app does not time out and processes the blob data.
Solution: Use the Durable Function async pattern to process the blob data. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead pass the HTTP trigger payload into an Azure Service Bus queue to be processed by a queue trigger function and return an immediate HTTP success response.
Note: Large, long-running functions can cause unexpected timeout issues. General best practices include:
Whenever possible, refactor large functions into smaller function sets that work together and return responses fast. For example, a webhook or HTTP trigger function might require an acknowledgment response within a certain time limit; it's common for webhooks to require an immediate response. You can pass the HTTP trigger payload into a queue to be processed by a queue trigger function. This approach lets you defer the actual work and return an immediate response.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-best-practices

NEW QUESTION 276
DRAG DROP - (Topic 8)
You are developing an Azure solution.
You need to develop code to access a secret stored in Azure Key Vault.
How should you complete the code segment? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: SecretClient
Box 2: DefaultAzureCredential
In below example, the name of your key vault is expanded to the key vault URI, in the format "https://<your-key-vault-name>.vault.azure.net". This example is using 'DefaultAzureCredential()' class from Azure Identity Library, which allows to use the same code across different environments with different options to provide identity.
string keyVaultName = Environment.GetEnvironmentVariable("KEY_VAULT_NAME"); var kvUri = "https://" + keyVaultName + ".vault.azure.net";
var client = new SecretClient(new Uri(kvUri), new DefaultAzureCredential());

NEW QUESTION 277
HOTSPOT - (Topic 8)
You have a web service that is used to pay for food deliveries. The web service uses Azure Cosmos DB as the data store.
You plan to add a new feature that allows users to set a tip amount. The new feature requires that a property named tip on the document in Cosmos DB must be present and contain a numeric value.
There are many existing websites and mobile apps that use the web service that will not be updated to set the tip property for some time.
How should you complete the trigger?
NOTE: Each correct selection is worth one point.

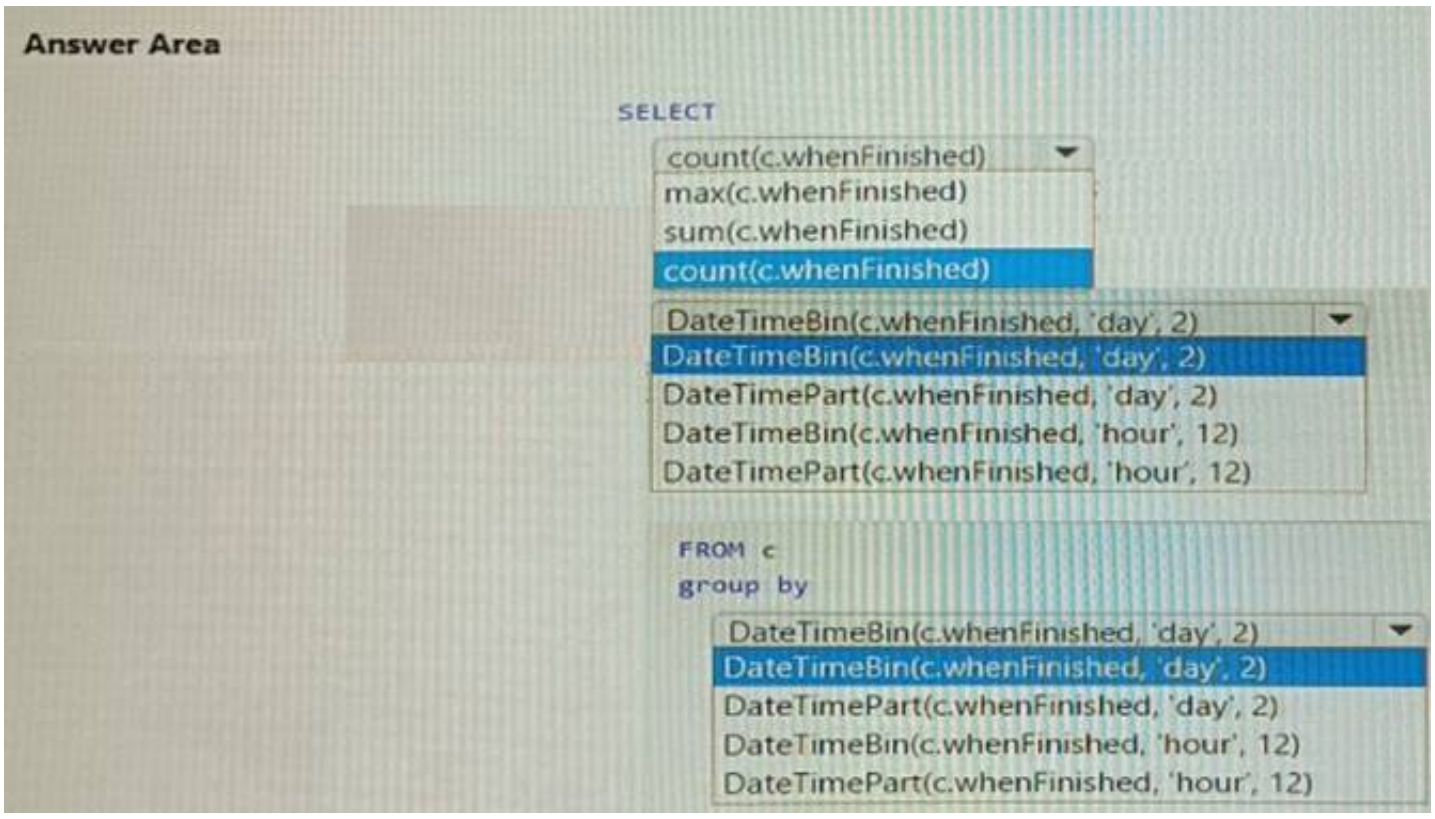
```
function ensureTip() {
var r = [ _.value(); | _.readDocument('item'); | getContext().getRequest(); | getContext().getResponse(); ]
var i = r.getBody();
[ if (!("tip" in i)) { | if (request.getValue("tip") === null){ | if (isNaN(i)["tip"] || i["tip"]=== null) { | if (typeof_.pluck("tip") == 'number') { ]
    i["tip"] = 0;
  }
[ r.setBody(i); | r.setValue(i); | _.upsertDocument(i); | _.replaceDocument(i) ]
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: getContext().getRequest();
Box 2: if(isNaN(i)["tip"] ..
In JavaScript, there are two ways to check if a variable is a number :
isNaN() – Stands for “is Not a Number”, if variable is not a number, it return true, else return false.
typeof – If variable is a number, it will returns a string named “number”.
Box 3:r.setBody(i);
// update the item that will be created
References:
https://docs.microsoft.com/bs-latn-ba/azure/cosmos-db/how-to-write-stored-procedures- triggers-udfs
https://mkyong.com/javascript/check-if-variable-is-a-number-in-javascript/

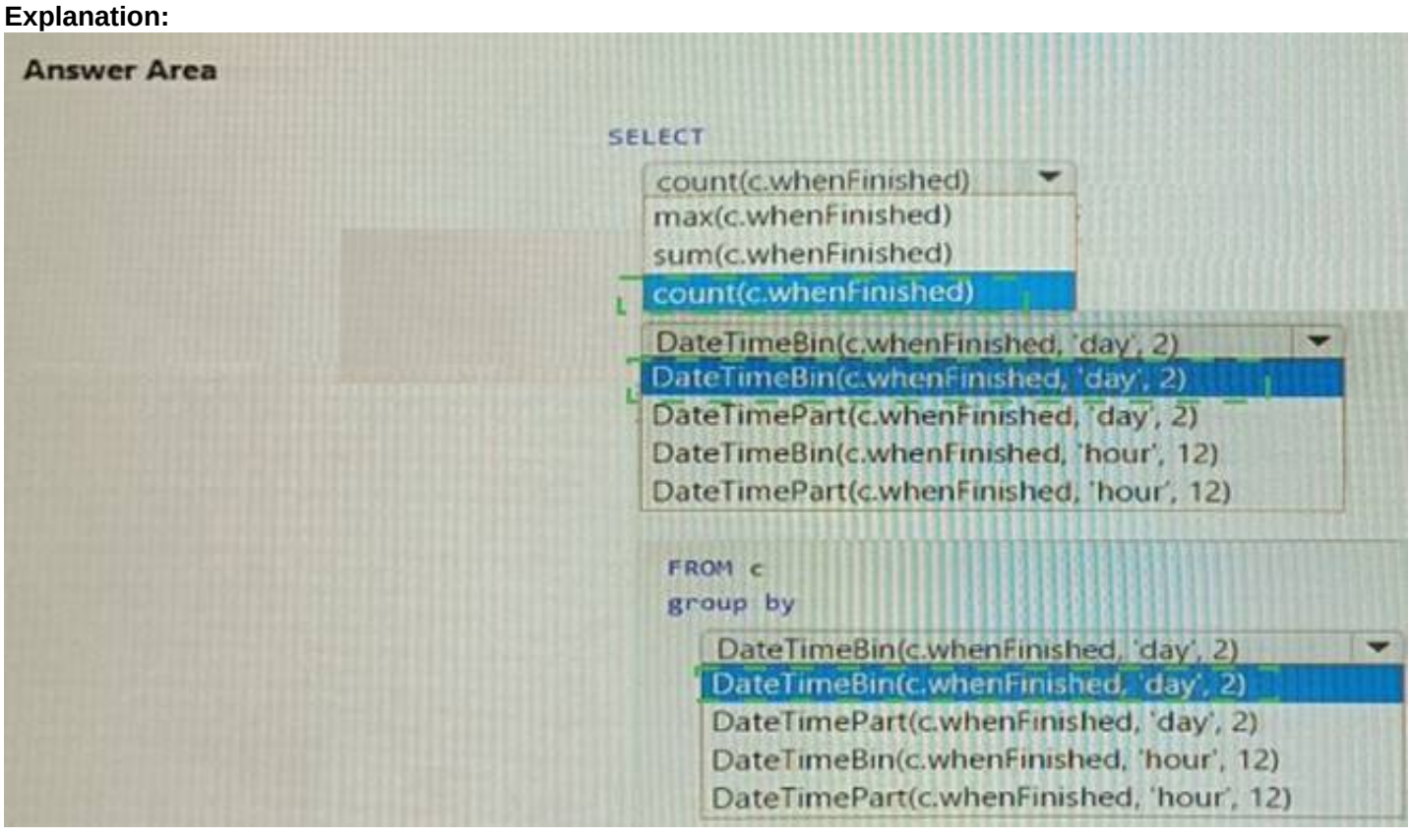
NEW QUESTION 279
HOTSPOT - (Topic 8)
You develop an application that sells AI generated images based on user input. You recently started a marketing campaign that displays unique ads every second day.
Sales data is stored in Azure Cosmos DB with the date of each sale being stored in a property named 'whenFinished'.
The marketing department requires a view that shows the number of sales for each unique ad.
You need to implement the query for the view.
How should you complete the query? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 280
- (Topic 8)
You are developing an internal website for employees to view sensitive data. The website uses Azure Active Directory (AAD) for authentication. You need to implement multifactor authentication for the website.
What should you do? Each correct answer presents part of the solution. NOTE; Each correct selection is worth one point.

A. In Azure AD, create a new conditional access policy.
B. In Azure AD, enable application proxy.
C. Configure the website to use Azure AD B2C.
D. In Azure AD conditional access, enable the baseline policy.
E. Upgrade to Azure AD Premium.

Answer: AE

Explanation:
References:
https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa- getstarted

NEW QUESTION 284
- (Topic 8)
You develop and deploy an ASP.NET Core application that connects o an Azure Database for MySQL instance.
Connections to the database appear to drop intermittently and the application code does not handle the connection failure.
You need to handle the transient connection errors in code by implementing retries. What are three possible ways to achieve this goal? Each correct answer presents part of

the solution.
NOTE: Each correct selection is worth one point.

A. Increase connection repeat attempts exponentially up to 120 seconds.
B. Close the database connection and immediately report an error.
C. Wait five seconds before repeating the connection attempt to the database.
D. Disable connection pooling and configure a second Azure Database for MySQL instance.
E. Set a maximum number of connection attempts to 10 and report an error on subsequent connections.

Answer: BCE

NEW QUESTION 285
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.
The app continues to time out after four minutes. The app must process the blob data. You need to ensure the app does not time out and processes the blob data.
Solution: Configure the app to use an App Service hosting plan and enable the Always On setting.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead pass the HTTP trigger payload into an Azure Service Bus queue to be processed by a queue trigger function and return an immediate HTTP success response.
Note: Large, long-running functions can cause unexpected timeout issues. General best practices include:
Whenever possible, refactor large functions into smaller function sets that work together and return responses fast. For example, a webhook or HTTP trigger function might require an acknowledgment response within a certain time limit; it's common for webhooks to require an immediate response. You can pass the HTTP trigger payload into a queue to be processed by a queue trigger function. This approach lets you defer the actual work and return an immediate response.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-best-practices

NEW QUESTION 287
HOTSPOT - (Topic 8)
You are developing a solution that uses several Azure Service Bus queues. You create an Azure Event Grid subscription for the Azure Service Bus namespace.
You use Azure Functions as subscribers to process the messages.
You need to emit events to Azure Event Grid from the queues. You must use principal of least privilege and minimize costs.
Which Azure Service Bus values should you use? TO answer, select the appropriate options in the answer area
Each correct selection is worth ore point

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 292
HOTSPOT - (Topic 8)
An organization deploys a Mob storage account. Users take multiple snapshots of the blob storage account over time.
You need to delete all snapshots or the blob storage account. You must not delete the blob storage account itself.
How should you complete the code segment? To answer select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 296
- (Topic 8)
You are developing a software solution for an autonomous transportation system. The solution uses large data sets and Azure Batch processing to simulate navigation sets for entire fleets of vehicles.
You need to create compute nodes for the solution on Azure Batch. What should you do?

A. In the Azure portal, create a Batch account.
B. In a .NET method, call the method:BatchClient.PoolOperations.CreatePool
C. In Python, implement the class:JobAddParameter
D. In Python, implement the class:TaskAddParameter

Answer: B

Explanation:
A Batch job is a logical grouping of one or more tasks. A job includes settings common to the tasks, such as priority and the pool to run tasks on. The app uses the BatchClient.JobOperations.CreateJob method to create a job on your pool.

NEW QUESTION 301
- (Topic 8)
You are developing applications for a company. You plan to host the applications on Azure App Services.
The company has the following requirements:
? Every five minutes verify that the websites are responsive.
? Verify that the websites respond within a specified time threshold. Dependent requests such as images and JavaScript files must load properly.
? Generate alerts if a website is experiencing issues.
? If a website fails to load, the system must attempt to reload the site three more times.

You need to implement this process with the least amount of effort. What should you do?
D18912E1457D5D1DDCBD40AB3BF70D5D

A. Create a Selenium web test and configure it to run from your workstation as a scheduled task.
B. Set up a URL ping test to query the home page.
C. Create an Azure function to query the home page.
D. Create a multi-step web test to query the home page.
E. Create a Custom Track Availability Test to query the home page.

Answer: D

Explanation:
You can monitor a recorded sequence of URLs and interactions with a website via multi- step web tests.
Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/availability-multistep

NEW QUESTION 306
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