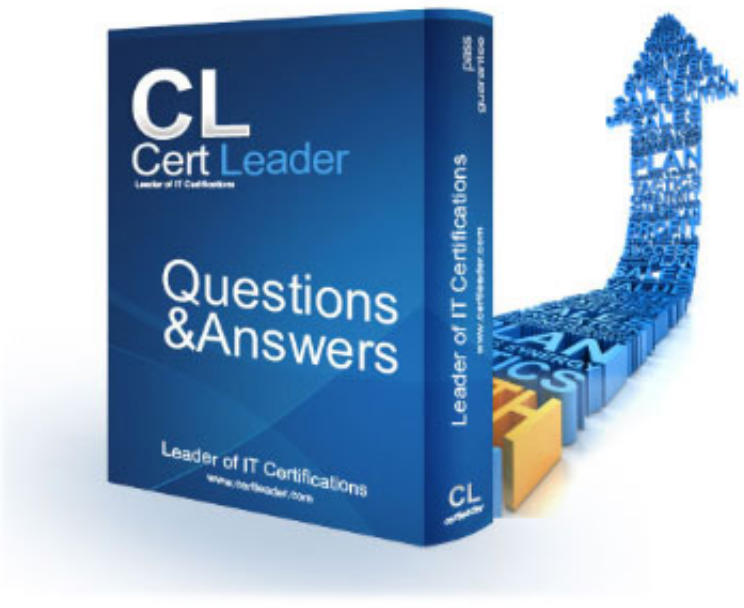
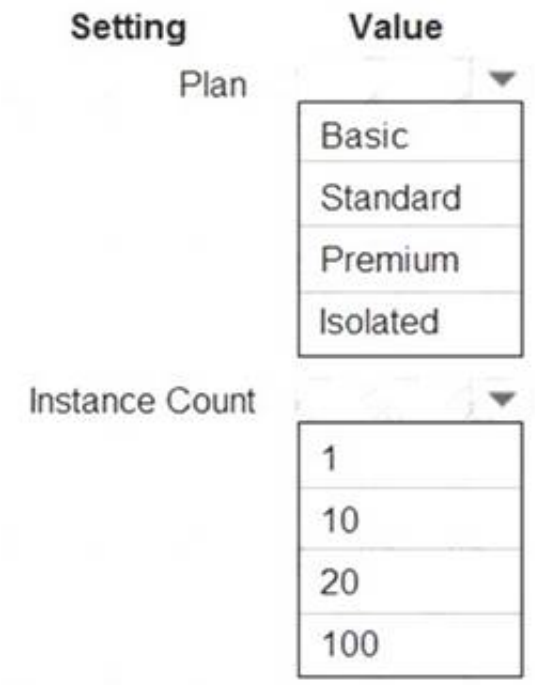
AZ-204 Dumps

Developing Solutions for Microsoft Azure

https://www.certleader.com/AZ-204-dumps.html



NEW QUESTION 1
- (Exam Topic 1)
You need to configure Azure App Service to support the REST API requirements.
Which values should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



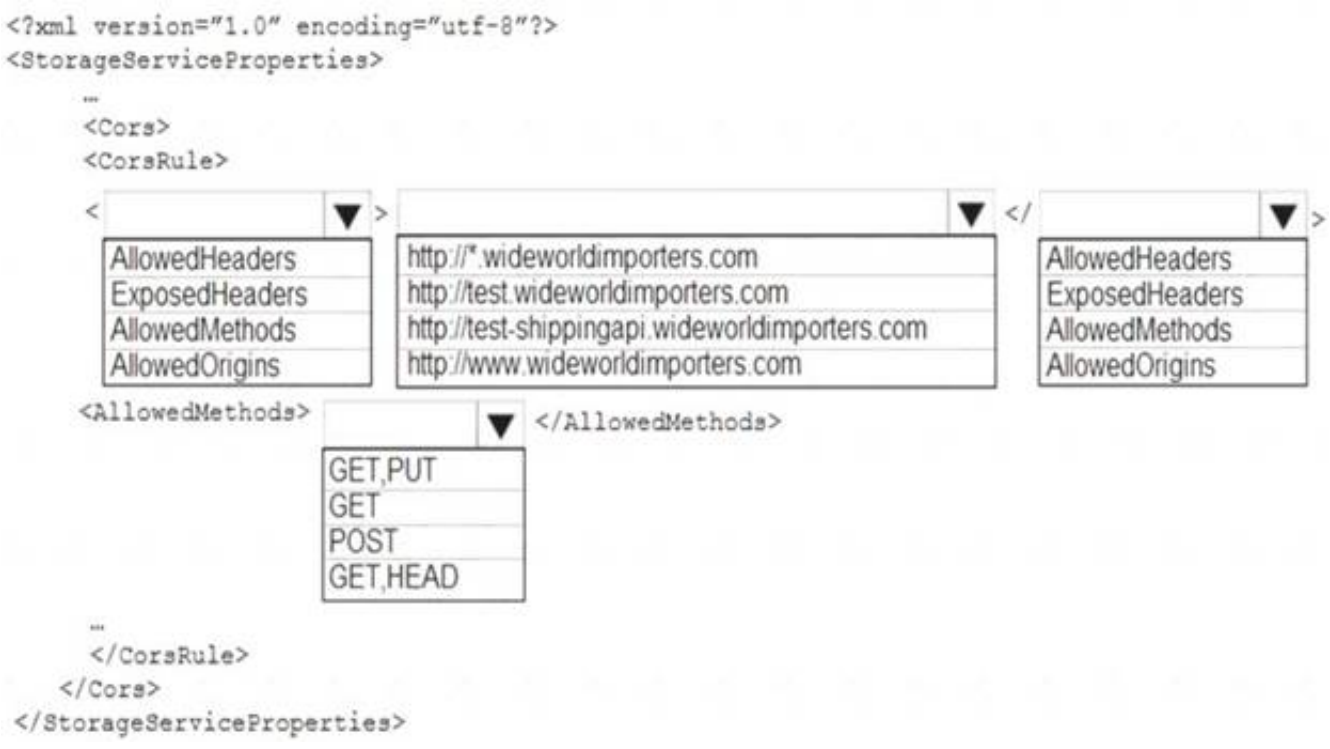
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Plan: Standard
Standard support auto-scaling Instance Count: 10
Max instances for standard is 10. Scenario:
The REST API's that support the solution must meet the following requirements:
- Allow deployment to a testing location within Azure while not incurring additional costs.
- Automatically scale to double capacity during peak shipping times while not causing application downtime.
- Minimize costs when selecting an Azure payment model. References:

https://azure.microsoft.com/en-us/pricing/details/app-service/plans/

NEW QUESTION 2
- (Exam Topic 1)
You need to resolve the Shipping web site error.
How should you configre the Azure Table Storage service? 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

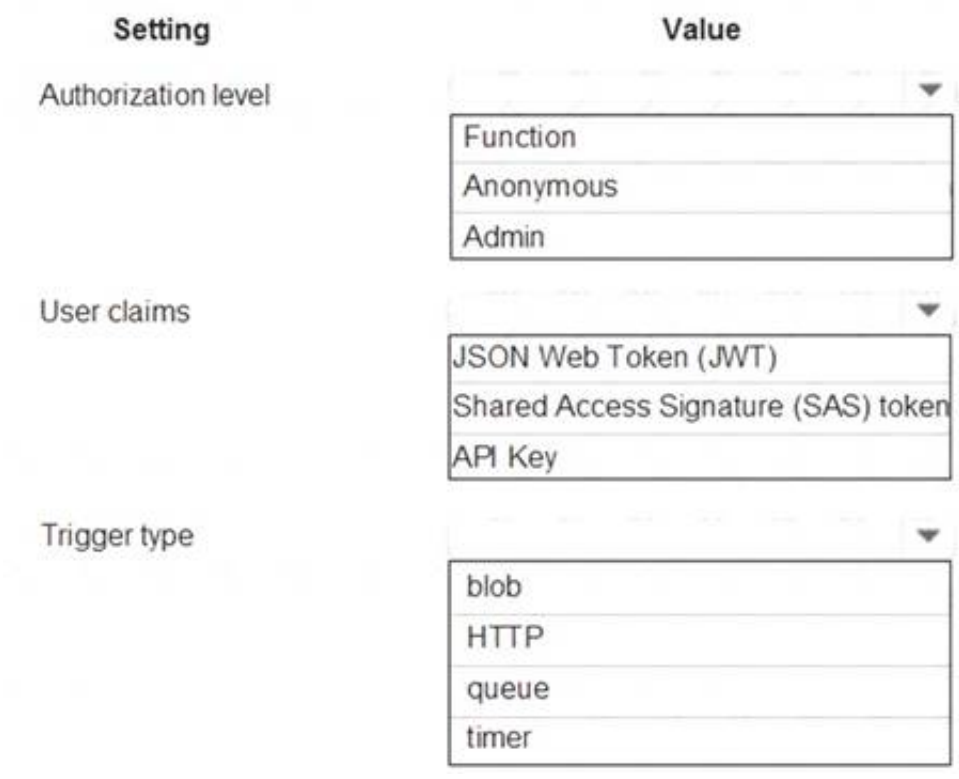
Explanation:
Box 1: AllowedOrigins
A CORS request will fail if Access-Control-Allow-Origin is missing. Scenario:

The following error message displays while you are testing the website:

```
Failed to load http://test-shippingapi.wideworldimporters.com/: No 'Access-Control-Allow-Origin'
header is present on the requested resource. Origin 'http://testwideworldimporters.com/' is
therefore not allowed access.
```

Box 2: http://test-shippingapi.wideworldimporters.com Syntax: Access-Control-Allow-Origin: *
Access-Control-Allow-Origin: <origin> Access-Control-Allow-Origin: null
<origin> Specifies an origin. Only a single origin can be specified. Box 3: AllowedOrigins
Box 4: POST
The only allowed methods are GET, HEAD, and POST. In this case POST is used. "<Corsrule>" "allowedmethods" Failed to load no "Access-control-Origin" header is present References:
https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Access-Control-Allow-Origin

NEW QUESTION 3
- (Exam Topic 1)
You need to secure the Shipping Function app.
How should you configure the app? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

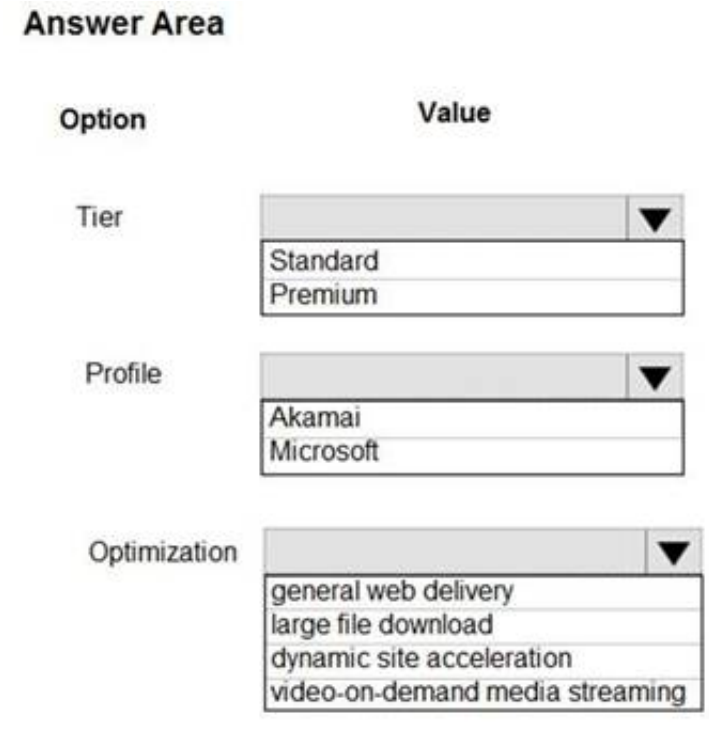


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Scenario: Shipping Function app: Implement secure function endpoints by using app-level security and include Azure Active Directory (Azure AD).
Box 1: Function
Box 2: JSON based Token (JWT)
Azure AD uses JSON based tokens (JWTs) that contain claims Box 3: HTTP
How a web app delegates sign-in to Azure AD and obtains a token
User authentication happens via the browser. The OpenID protocol uses standard HTTP protocol messages. References:
https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-scenarios

NEW QUESTION 4
- (Exam Topic 1)
You need to configure Azure CDN for the Shipping web site.
Which configuration options should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

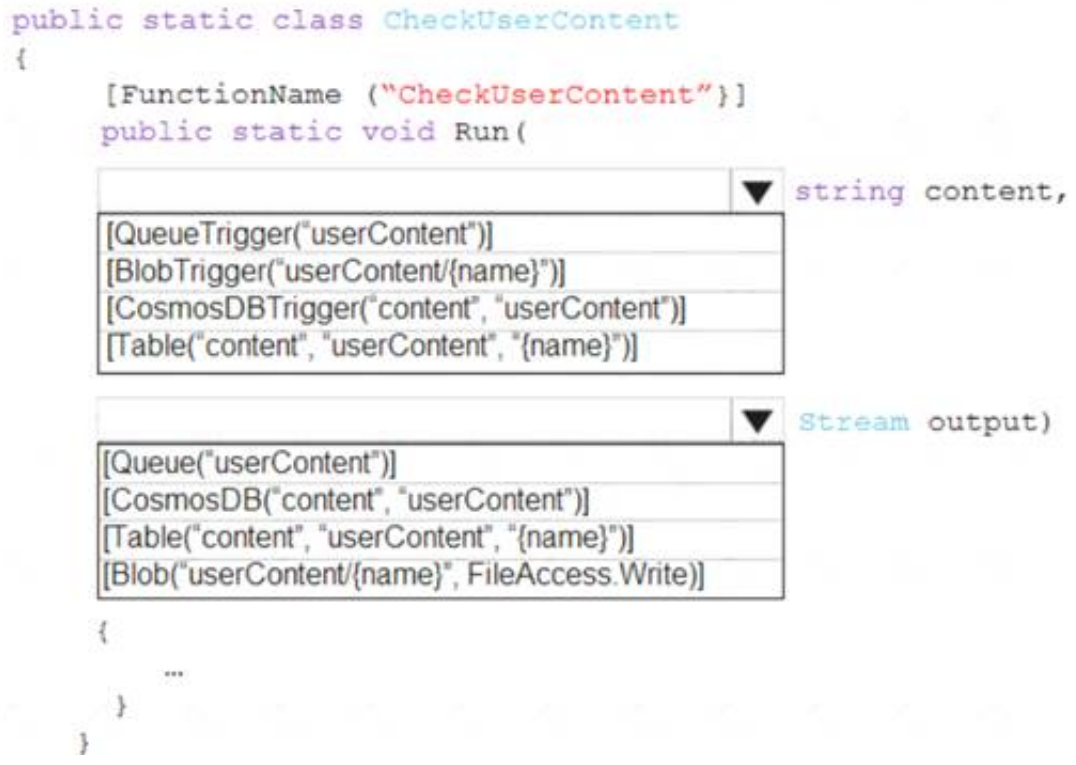


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Scenario: Shipping website
Use Azure Content Delivery Network (CDN) and ensure maximum performance for dynamic content while minimizing latency and costs.
Tier: Standard Profile: Akamai
Optimization: Dynamic site acceleration
Dynamic site acceleration (DSA) is available for Azure CDN Standard from Akamai, Azure CDN Standard from Verizon, and Azure CDN Premium from Verizon profiles.
DSA includes various techniques that benefit the latency and performance of dynamic content. Techniques include route and network optimization, TCP optimization, and more.
You can use this optimization to accelerate a web app that includes numerous responses that aren't cacheable. Examples are search results, checkout transactions, or real-time data. You can continue to use core Azure CDN caching capabilities for static data.
Reference:
https://docs.microsoft.com/en-us/azure/cdn/cdn-optimization-overview

NEW QUESTION 5
- (Exam Topic 2)
You need to implement the bindings for the CheckUserContent function.
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.

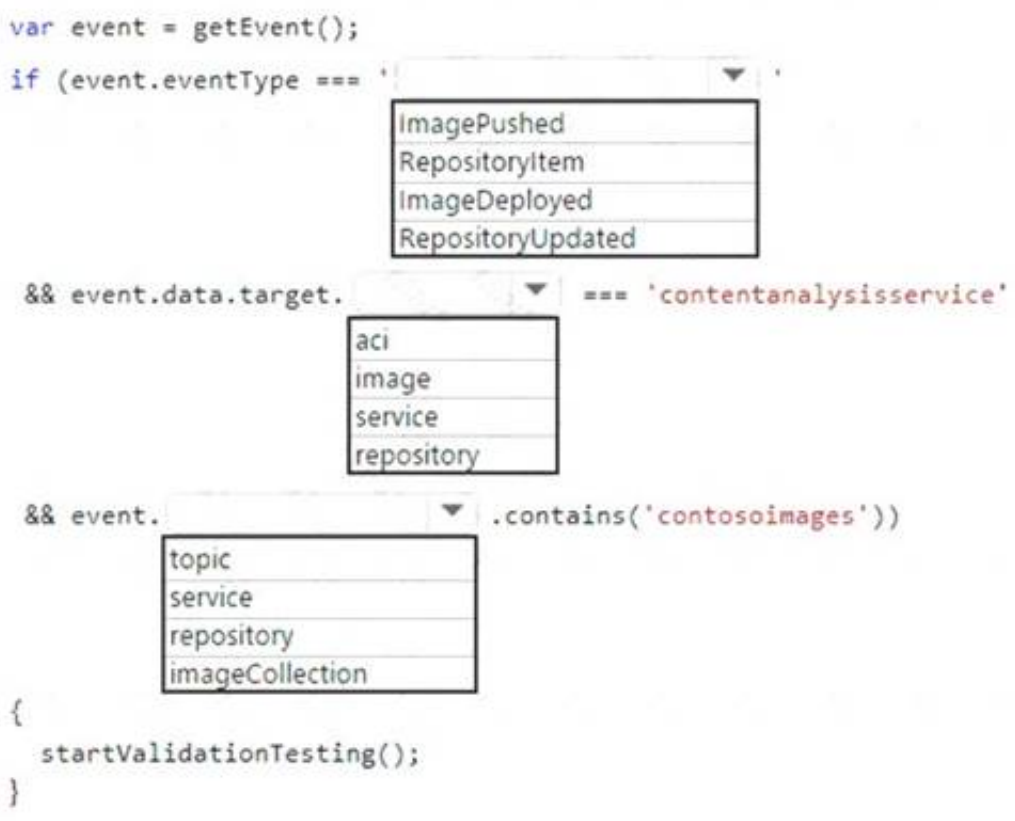


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: [BlobTrigger(..)]
Box 2: [Blob(..)]
Azure Blob storage output binding for Azure Functions. The output binding allows you to modify and delete blob storage data in an Azure Function.
The attribute's constructor takes the path to the blob and a FileAccess parameter indicating read or write, as shown in the following example:
[FunctionName("ResizeImage")] public static void Run(
[BlobTrigger("sample-images/{name}")] Stream image,
[Blob("sample-images-md/{name}", FileAccess.Write)] Stream imageSmall)
{
}
Scenario: You must create an Azure Function named CheckUserContent to perform the content checks. The company's data science group built ContentAnalysisService which accepts user generated content as a string and returns a probable value for inappropriate content. Any values over a specific threshold must be reviewed by an employee of Contoso, Ltd.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-blob-output

NEW QUESTION 6
- (Exam Topic 2)
You need to ensure that validation testing is triggered per the requirements.
How should you complete the code segment? 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:
Box 1: RepositoryUpdated
When a new version of the ContentAnalysisService is available the previous seven days of content must be processed with the new version to verify that the new version does not significantly deviate from the old version.
Box 2: service
Box 3: imageCollection Reference:
https://docs.microsoft.com/en-us/azure/devops/notifications/oob-supported-event-types

NEW QUESTION 7
- (Exam Topic 2)
You need to configure the ContentUploadService deployment.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Add the following markup to line CS23: types: Private
B. Add the following markup to line CS24: osType: Windows
C. Add the following markup to line CS24: osType: Linux
D. Add the following markup to line CS23: types: Public

Answer: A

Explanation:
Scenario: All Internal services must only be accessible from Internal Virtual Networks (VNets) There are three Network Location types – Private, Public and Domain
Reference:
https://devblogs.microsoft.com/powershell/setting-network-location-to-private/

NEW QUESTION 8
- (Exam Topic 2)
You need to store the user agreements.
Where should you store the agreement after it is completed?

A. Azure Storage queue
B. Azure Event Hub
C. Azure Service Bus topic
D. Azure Event Grid topic

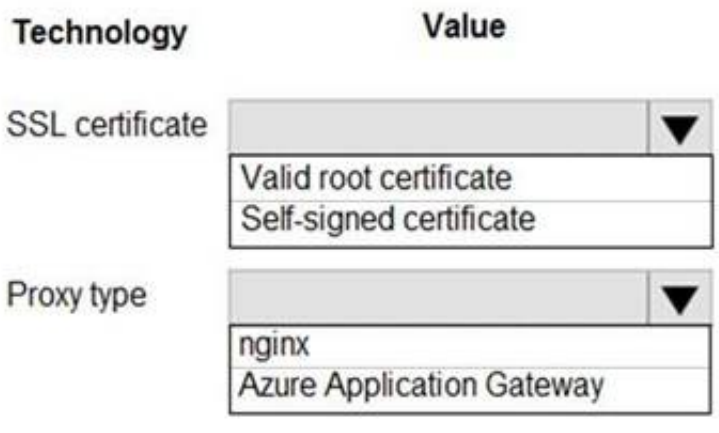
Answer: B

Explanation:
Azure Event Hub is used for telemetry and distributed data streaming.
This service provides a single solution that enables rapid data retrieval for real-time processing as well as repeated replay of stored raw data. It can capture the streaming data into a file for processing and analysis.
It has the following characteristics:
- low latency
- capable of receiving and processing millions of events per second
- at least once delivery

Reference:
https://docs.microsoft.com/en-us/azure/event-grid/compare-messaging-services

NEW QUESTION 9
- (Exam Topic 2)
You need to ensure that network security policies are met.
How should you configure network security? 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: Valid root certificate
Scenario: All websites and services must use SSL from a valid root certificate authority. Box 2: Azure Application Gateway
Scenario:
- Any web service accessible over the Internet must be protected from cross site scripting attacks.
- All Internal services must only be accessible from Internal Virtual Networks (VNets)
- All parts of the system must support inbound and outbound traffic restrictions.

Azure Web Application Firewall (WAF) on Azure Application Gateway provides centralized protection of your web applications from common exploits and vulnerabilities. Web applications are increasingly targeted by malicious attacks that exploit commonly known vulnerabilities. SQL injection and cross-site scripting are among the most common attacks.
Application Gateway supports autoscaling, SSL offloading, and end-to-end SSL, a web application firewall (WAF), cookie-based session affinity, URL path-based routing, multisite hosting, redirection, rewrite HTTP headers and other features.
Note: Both Nginx and Azure Application Gateway act as a reverse proxy with Layer 7 loadbalancing features plus a WAF to ensure strong protection against common web vulnerabilities and exploits.
You can modify Nginx web server configuration/SSL for X-XSS protection. This helps to prevent cross-site scripting exploits by forcing the injection of HTTP headers with X-XSS protection.
Reference:
https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/ag-overview
https://www.upguard.com/articles/10-tips-for-securing-your-nginx-deployment

NEW QUESTION 10
- (Exam Topic 2)
You need to monitor ContentUploadService accourding to the requirements. Which command should you use?

A. az monitor metrics alert create –n alert –g … - -scopes … - -condition "avg Percentage CPU > 8"
B. az monitor metrics alert create –n alert –g … - -scopes … - -condition "avg Percentage CPU > 800"
C. az monitor metrics alert create –n alert –g … - -scopes … - -condition "CPU Usage > 800"
D. az monitor metrics alert create –n alert –g … - -scopes … - -condition "CPU Usage > 8"

Answer: B

Explanation:
Scenario: An alert must be raised if the ContentUploadService uses more than 80 percent of available CPU-cores
Reference:
https://docs.microsoft.com/sv-se/cli/azure/monitor/metrics/alert

NEW QUESTION 10
- (Exam Topic 2)
You need to investigate the http server log output to resolve the issue with the ContentUploadService. Which command should you use first?

A. az webapp log
B. az ams live-output
C. az monitor activity-log
D. az container attach

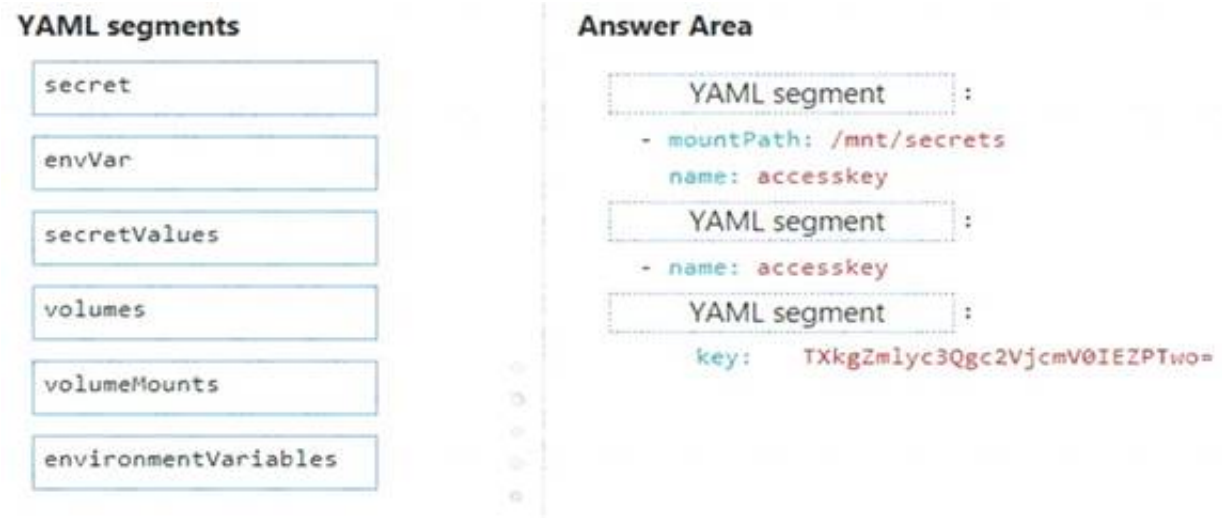
Answer: C

Explanation:
Scenario: Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.
"502 bad gateway" and "503 service unavailable" are common errors in your app hosted in Azure App Service. Microsoft Azure publicizes each time there is a service interruption or performance degradation.
The az monitor activity-log command manages activity logs.
Note: Troubleshooting can be divided into three distinct tasks, in sequential order:
- Observe and monitor application behavior

- Collect data
- Mitigate the issue Reference:

https://docs.microsoft.com/en-us/cli/azure/monitor/activity-log

NEW QUESTION 11
- (Exam Topic 2)
You need to add YAML markup at line CS17 to ensure that the ContentUploadService can access Azure Storage access keys.
How should you complete the YAML markup? To answer, drag the appropriate YAML segments to the correct locations. Each YAML 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.

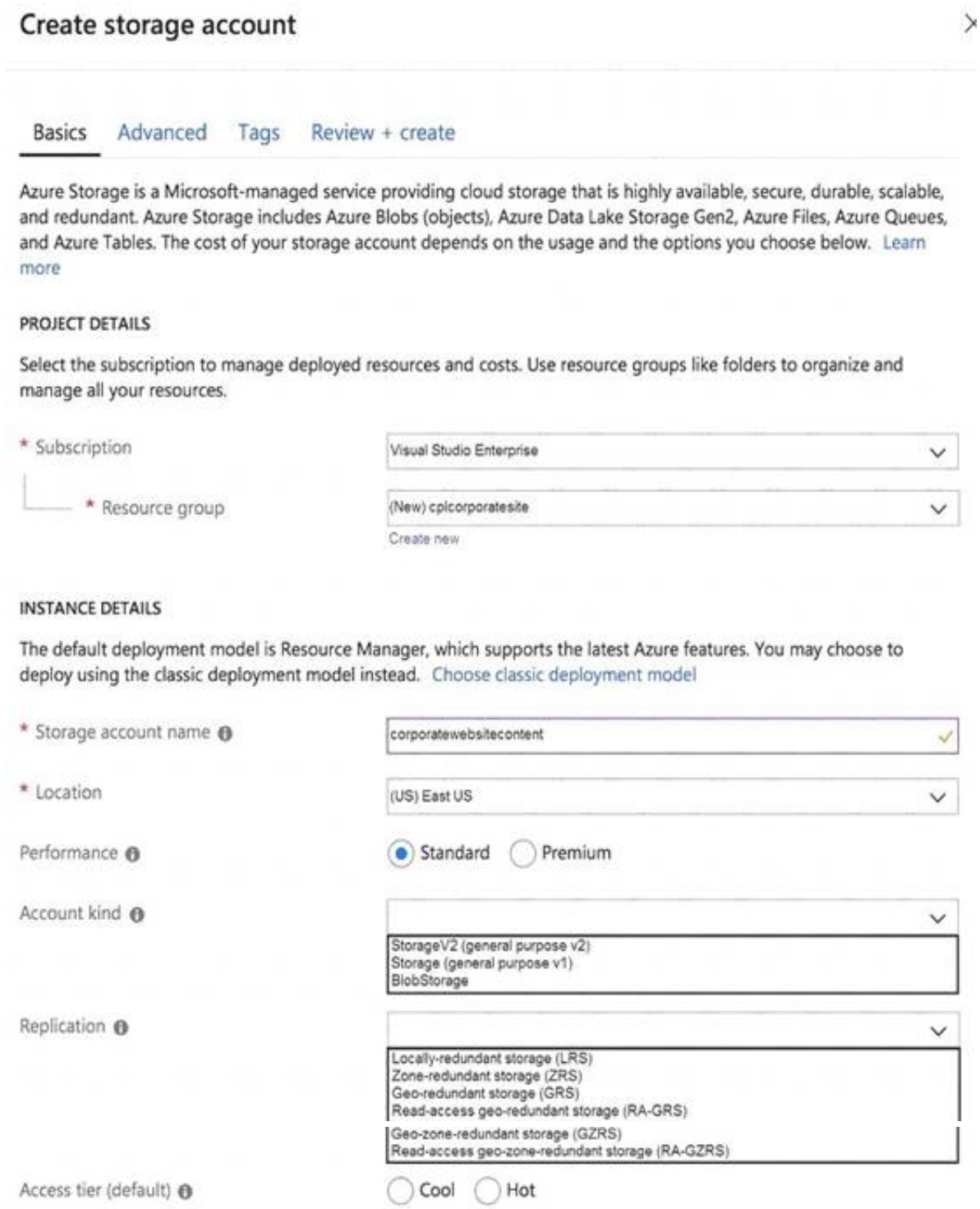


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: volumeMounts Example:
volumeMounts:
- mountPath: /mnt/secrets name: secretvolume1 volumes:
- name: secretvolume1 secret:
mysecret1: TXkgZmlyc3Qgc2VjcmV0IEZPTwo= Box 2: volumes
Box 3: secret Reference:
https://docs.microsoft.com/en-us/azure/container-instances/container-instances-volume-secret

NEW QUESTION 12
- (Exam Topic 3)
You need to configure the Account Kind, Replication, and Storage tier options for the corporate website's Azure Storage account.
How should you complete the configuration? To answer, select the appropriate options in the dialog box in the answer area.
NOTE: Each correct selection is worth one point.

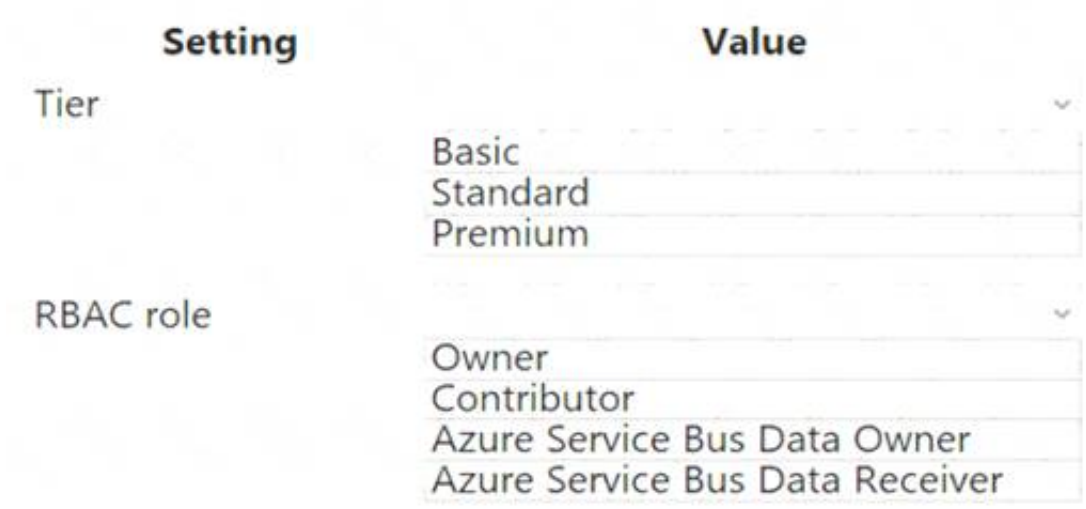


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Account Kind: StorageV2 (general-purpose v2)
Scenario: Azure Storage blob will be used (refer to the exhibit). Data storage costs must be minimized. General-purpose v2 accounts: Basic storage account type for blobs, files, queues, and tables. Recommended
for most scenarios using Azure Storage.
Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers?tabs=azure-portal

NEW QUESTION 15
- (Exam Topic 3)
You need to configure Azure Service Bus to Event Grid integration.
Which Azure Service Bus 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: Premium
Service Bus can now emit events to Event Grid when there are messages in a queue or a subscription when no receivers are present. You can create Event Grid subscriptions to your Service Bus namespaces, listen to these events, and then react to the events by starting a receiver. With this feature, you can use Service Bus in reactive programming models.
To enable the feature, you need the following items:
A Service Bus Premium namespace with at least one Service Bus queue or a Service Bus topic with at least one subscription.
Contributor access to the Service Bus namespace. Box 2: Contributor
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-to-event-grid-integration-concept

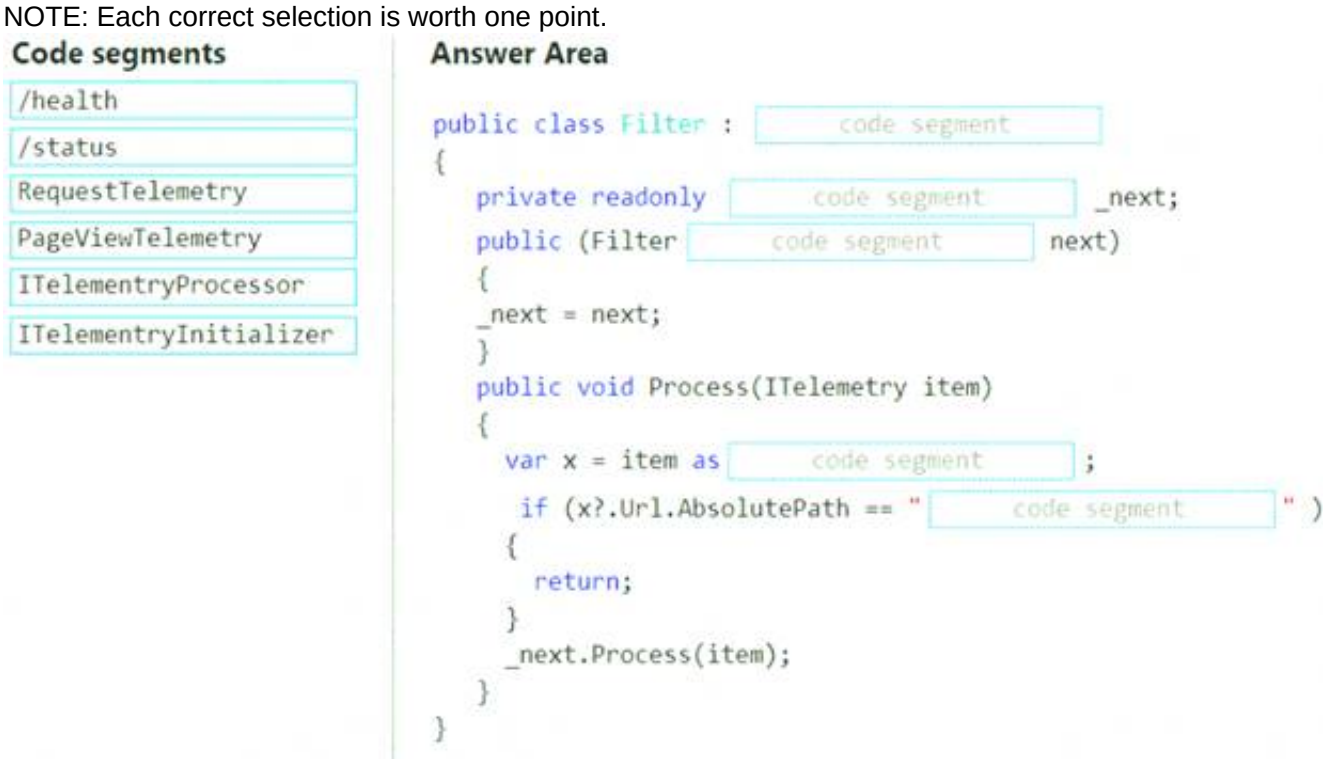
NEW QUESTION 18
- (Exam Topic 3)
You need to ensure that all messages from Azure Event Grid are processed. What should you use?

A. Azure Event Grid topic
B. Azure Service Bus topic
C. Azure Service Bus queue
D. Azure Storage queue
E. Azure Logic App custom connector

Answer: B

Explanation:
As a solution architect/developer, you should consider using Service Bus queues when:
> Your solution needs to receive messages without having to poll the queue. With Service Bus, you can achieve it by using a long-polling receive operation using the TCP-based protocols that Service Bus supports.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queues-compa

NEW QUESTION 19
- (Exam Topic 4)
You need to implement telemetry for non-user actions.
How should you complete the Filter class? 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:
Scenario: Exclude non-user actions from Application Insights telemetry. Box 1: ITelemetryProcessor
To create a filter, implement ITelemetryProcessor. This technique gives you more direct control over what is included or excluded from the telemetry stream.
Box 2: ITelemetryProcessor
Box 3: ITelemetryProcessor
Box 4: RequestTelemetry
Box 5: /health
To filter out an item, just terminate the chain. Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/api-filtering-sampling

NEW QUESTION 24
- (Exam Topic 4)

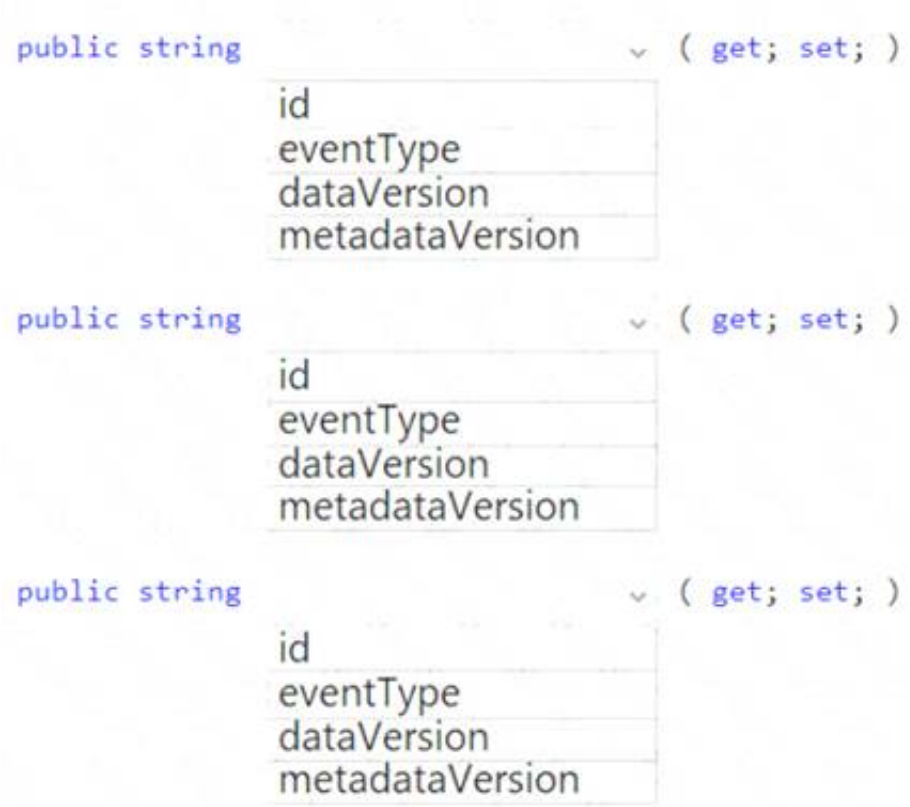
You need to implement the Log policy.
How should you complete the Azure Event Grid subscription? To answer, drag the appropriate JSON segments to the correct locations. Each JSON segment may be used once, more than once, or not at all. You may need to drag the split bar between panes to view content.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1:WebHook
Scenario: If an anomaly is detected, an Azure Function that emails administrators is called by using an HTTP WebHook.
endpointType: The type of endpoint for the subscription (webhook/HTTP, Event Hub, or queue). Box 2: SubjectBeginsWith
Box 3: Microsoft.Storage.BlobCreated Scenario: Log Policy
All Azure App Service Web Apps must write logs to Azure Blob storage. All log files should be saved to a container named logdrop. Logs must remain in the container for 15 days.
Example subscription schema
{
"properties": { "destination": {
"endpointType": "webhook", "properties": {
"endpointUrl": "https://example.azurewebsites.net/api/HttpTriggerCSharp1?code=VXbGWce53l48Mt8wuotr0GPmyJ/nDT4hgd
}
},
"filter": {
"includedEventTypes": ["Microsoft.Storage.BlobCreated", "Microsoft.Storage.BlobDeleted"], "subjectBeginsWith":
"blobServices/default/containers/mycontainer/log",
"subjectEndsWith": ".jpg", "isSubjectCaseSensitive ": "true"
}
}
}
Reference:
https://docs.microsoft.com/en-us/azure/event-grid/subscription-creation-schema

NEW QUESTION 29
- (Exam Topic 4)
You need to insert code at line LE03 of LoginEvent.cs to ensure that all authentication events are processed correctly.
How should you complete the code? 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: id
id is a unique identifier for the event.
Box 2: eventType
eventType is one of the registered event types for this event source.
Box 3: dataVersion
dataVersion is the schema version of the data object. The publisher defines the schema version.
Scenario: Authentication events are used to monitor users signing in and signing out. All authentication events must be processed by Policy service. Sign outs must be processed as quickly as possible.
The following example shows the properties that are used by all event publishers: [
{
"topic": string, "subject": string, "id": string,
"eventType": string, "eventTime": string, "data":{
object-unique-to-each-publisher
},
"dataVersion": string, "metadataVersion": string
}
]
Reference:
https://docs.microsoft.com/en-us/azure/event-grid/event-schema

NEW QUESTION 33
- (Exam Topic 5)
You need to resolve the capacity issue. What should you do?
A. Convert the trigger on the Azure Function to an Azure Blob storage trigger
B. Ensure that the consumption plan is configured correctly to allow scaling
C. Move the Azure Function to a dedicated App Service Plan
D. Update the loop starting on line PC09 to process items in parallel

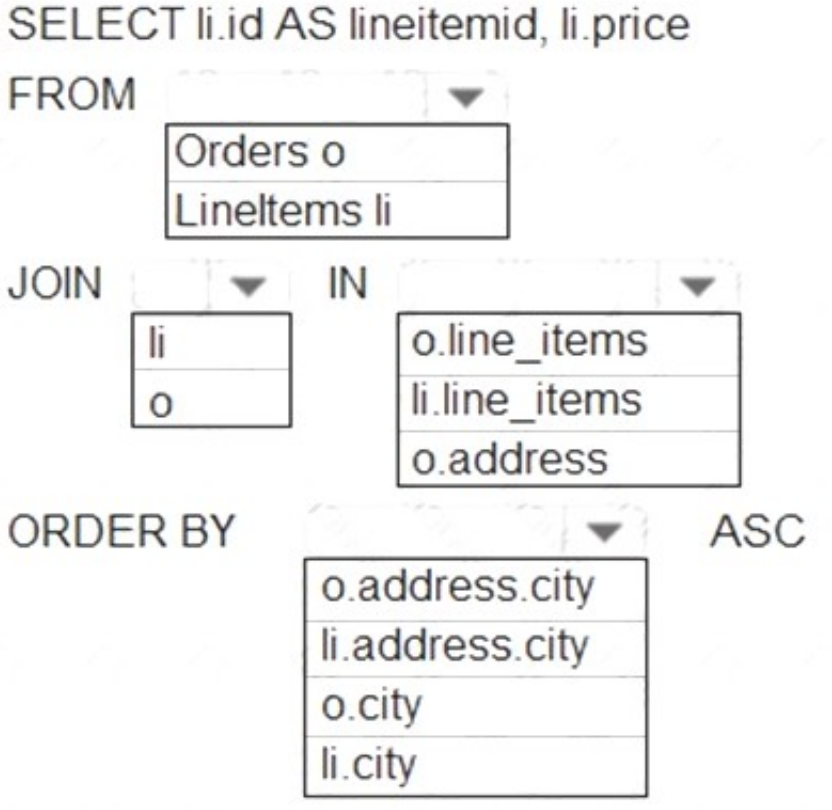
Answer: D

Explanation:
If you want to read the files in parallel, you cannot use forEach. Each of the async callback function calls does return a promise. You can await the array of promises that you'll get with Promise.all.
Scenario: Capacity issue: During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.

```
PC08        var container = await GetCloudBlobContainer();
PC09        foreach (var fileItem in await ListFiles())
PC10        {
PC11          var file = new CloudFile(fileItem.StorageUri.PrimaryUri);
PC12          var ms = new MemoryStream();
PC13          await file.DownloadToStreamAsync(ms);
PC14          var blob = container.GetBlockBlobReference(fileItem.Uri.ToString());
PC15          await blob.UploadFromStreamAsync(ms);
PC16
PC17        }
```

Reference:
https://stackoverflow.com/questions/37576685/using-async-await-with-a-foreach-loop

NEW QUESTION 36
- (Exam Topic 6)
You need to retrieve all order line items from Order.json and sort the data alphabetically by the city. How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

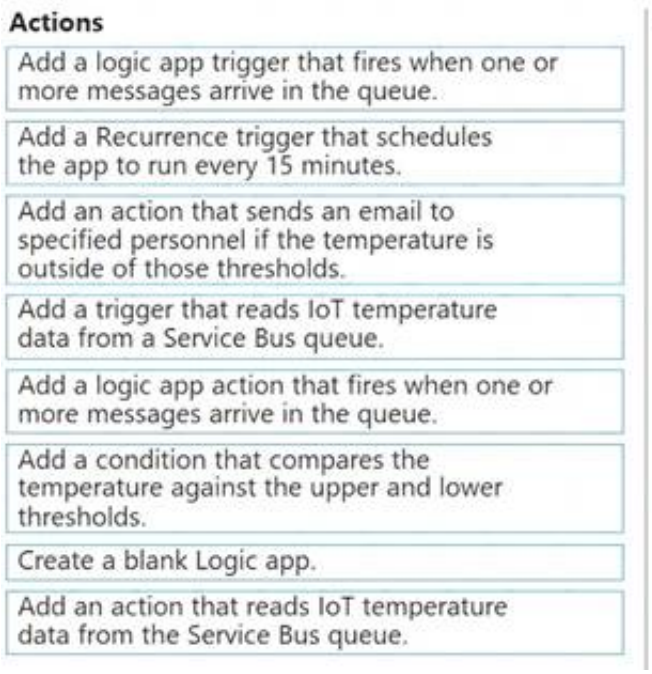


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface Description automatically generated
Box 1: orders o
Scenario: Order data is stored as nonrelational JSON and must be queried using SQL.
Box 2:li
Box 3: o.line_items
Box 4: o.city
The city field is in Order, not in the 2s.

NEW QUESTION 38
- (Exam Topic 7)
A company has multiple warehouse. Each warehouse contains IoT temperature devices which deliver temperature data to an Azure Service Bus queue.
You need to send email alerts to facility supervisors immediately if the temperature at a warehouse goes above or below specified threshold temperatures.
Which five 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.

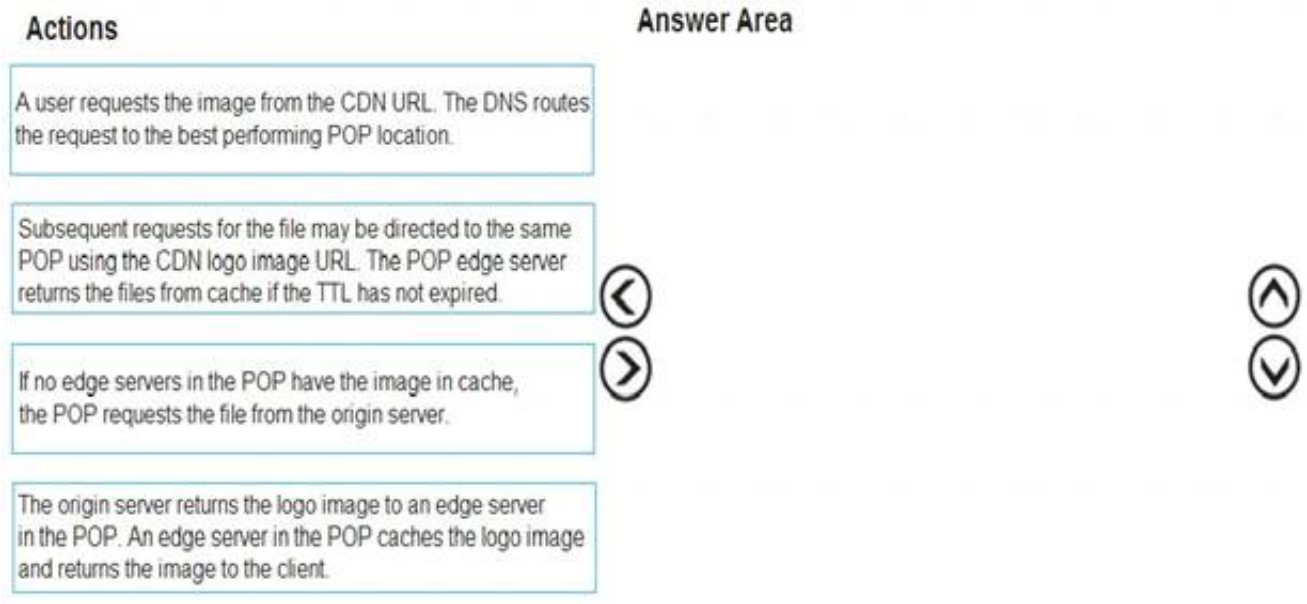


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Create a blank Logic app. Create and configure a Logic App.
Step 2: Add a logical app trigger that fires when one or more messages arrive in the queue. Configure the logic app trigger.
Under Triggers, select When one or more messages arrive in a queue (auto-complete). Step 3: Add an action that reads IoT temperature data from the Service Bus queue
Step 4: Add a condition that compares the temperature against the upper and lower thresholds.
Step 5: Add an action that sends an email to specified personnel if the temperature is outside of those thresholds
Reference:
https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-monitoring-notifications-with-azure-logic-apps

NEW QUESTION 41
- (Exam Topic 7)
Your company has several websites that use a company logo image. You use Azure Content Delivery Network (CDN) to store the static image.
You need to determine the correct process of how the CDN and the Point of Presence (POP) server will distribute the image and list the items in the correct order.
In which order do the actions occur? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

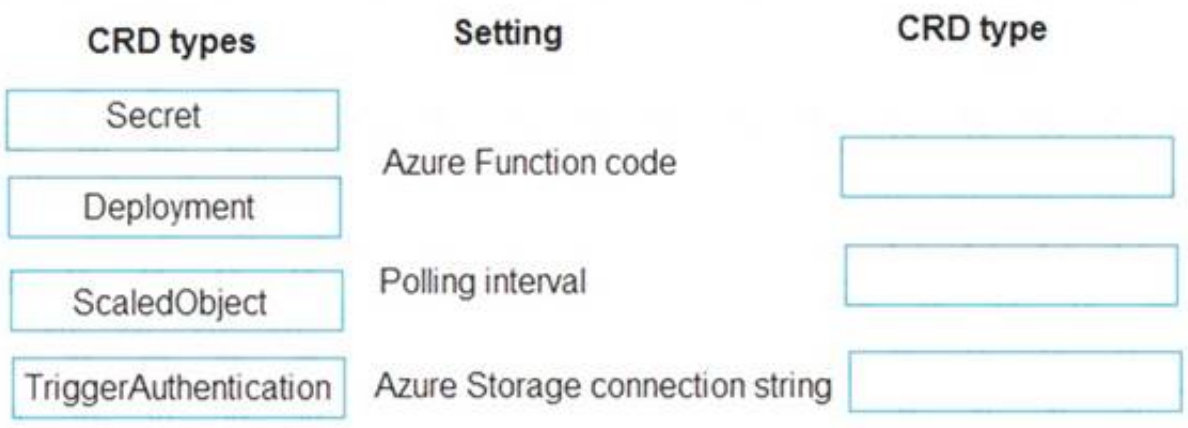


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: A user requests the image..
A user requests a file (also called an asset) by using a URL with a special domain name, such as <endpoint name>.azureedge.net. This name can be an endpoint hostname or a custom domain. The DNS routes the request to the best performing POP location, which is usually the POP that is geographically closest to the user.
Step 2: If no edge servers in the POP have the..
If no edge servers in the POP have the file in their cache, the POP requests the file from the origin server. The origin server can be an Azure Web App, Azure Cloud Service, Azure Storage account, or any publicly accessible web server.
Step 3: The origin server returns the..
The origin server returns the file to an edge server in the POP.
An edge server in the POP caches the file and returns the file to the original requestor (Alice). The file remains cached on the edge server in the POP until the time-to-live (TTL) specified by its HTTP headers expires. If the origin server didn't specify a TTL, the default TTL is seven days.
Step 4: Subsequent requests for..
Additional users can then request the same file by using the same URL that the original user used, and can also be directed to the same POP.
If the TTL for the file hasn't expired, the POP edge server returns the file directly from the cache. This process results in a faster, more responsive user experience.
References:
https://docs.microsoft.com/en-us/azure/cdn/cdn-overview

NEW QUESTION 42
- (Exam Topic 7)
You are a developer for a software as a service (SaaS) company that uses an Azure Function to process orders. The Azure Function currently runs on an Azure Function app that is triggered by an Azure Storage queue.
You are preparing to migrate the Azure Function to Kubernetes using Kubernetes-based Event Driven Autoscaling (KEDA).
You need to configure Kubernetes Custom Resource Definitions (CRD) for the Azure Function.
Which CRDs should you configure? To answer, drag the appropriate CRD types to the correct locations. Each CRD 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:
Box 1: Deployment
To deploy Azure Functions to Kubernetes use the func kubernetes deploy command has several attributes that directly control how our app scales, once it is deployed to Kubernetes.
Box 2: ScaledObject
With --polling-interval, we can control the interval used by KEDA to check Azure Service Bus Queue for messages.
Example of ScaledObject with polling interval apiVersion: keda.k8s.io/v1alpha1
kind: ScaledObject metadata:
name: transformer-fn namespace: tt
labels:
deploymentName: transformer-fn spec:
scaleTargetRef: deploymentName: transformer-fn pollingInterval: 5
minReplicaCount: 0
maxReplicaCount: 100
Box 3: Secret
Store connection strings in Kubernetes Secrets. Example: to create the Secret in our demo Namespace:
create the k8s demo namespace kubectl create namespace tt
grab connection string from Azure Service Bus KEDA_SCALER_CONNECTION_STRING=$(az servicebus queue authorization-rule keys list \
-g $RG_NAME \
--namespace-name $SBN_NAME \
--queue-name inbound \
-n keda-scaler \
--query "primaryConnectionString" \
-o tsv)
create the kubernetes secret
kubectl create secret generic tt-keda-auth \
--from-literal KedaScaler=$KEDA_SCALER_CONNECTION_STRING \
--namespace tt Reference:
https://www.thinktecture.com/en/kubernetes/serverless-workloads-with-keda/

NEW QUESTION 46
- (Exam Topic 7)

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: Run the Invoke-RestMethod cmdlet to make a request to the local managed identity for Azure resources endpoint.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Get an access token using the VM's system-assigned managed identity and use it to call Azure Resource Manager
You will need to use PowerShell in this portion.
- In the portal, navigate to Virtual Machines and go to your Windows virtual machine and in the Overview, click Connect.
- Enter in your Username and Password for which you added when you created the Windows VM.
- Now that you have created a Remote Desktop Connection with the virtual machine, open PowerShell in the remote session.
- Using the Invoke-WebRequest cmdlet, make a request to the local managed identity for Azure resources endpoint to get an access token for Azure Resource Manager.

Example:
$response = Invoke-WebRequest -Uri '
http://169.254.169.254/metadata/identity/oauth2/token?api-version=2018-02-01
&resource=https://management.azure.com/' -Method GET -Headers @{Metadata="true"}
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/tutorial-windows-vm

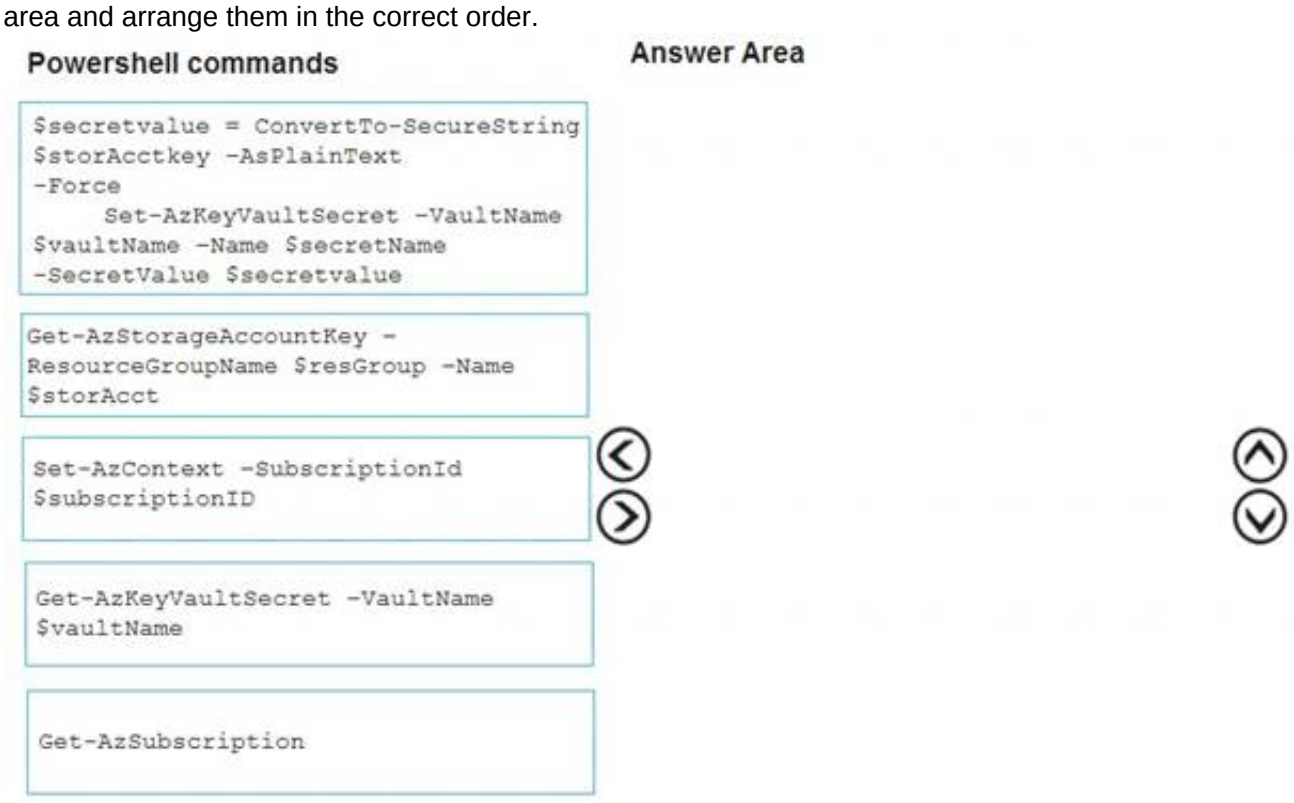
NEW QUESTION 49
- (Exam Topic 7)
You develop Azure solutions.
You must connect to a No-SQL globally-distributed database by using the .NET API. You need to create an object to configure and execute requests in the database. Which code segment should you use?

A. new Container(EndpointUri, PrimaryKey);
B. new Database(Endpoint, PrimaryKey);
C. new CosmosClient(EndpointUri, PrimaryKey);

Answer: C

Explanation:
Example:
// Create a new instance of the Cosmos Client
this.cosmosClient = new CosmosClient(EndpointUri, PrimaryKey)
//ADD THIS PART TO YOUR CODE
await this.CreateDatabaseAsync(); ference:
https://docs.microsoft.com/en-us/azure/cosmos-db/sql-api-get-started

NEW QUESTION 53
- (Exam Topic 7)
You are developing an application. You have an Azure user account that has access to two subscriptions. You need to retrieve a storage account key secret from Azure Key Vault.
In which order should you arrange the PowerShell commands to develop the solution? To answer, move all commands from the list of commands to the answer area and arrange them in the correct order.



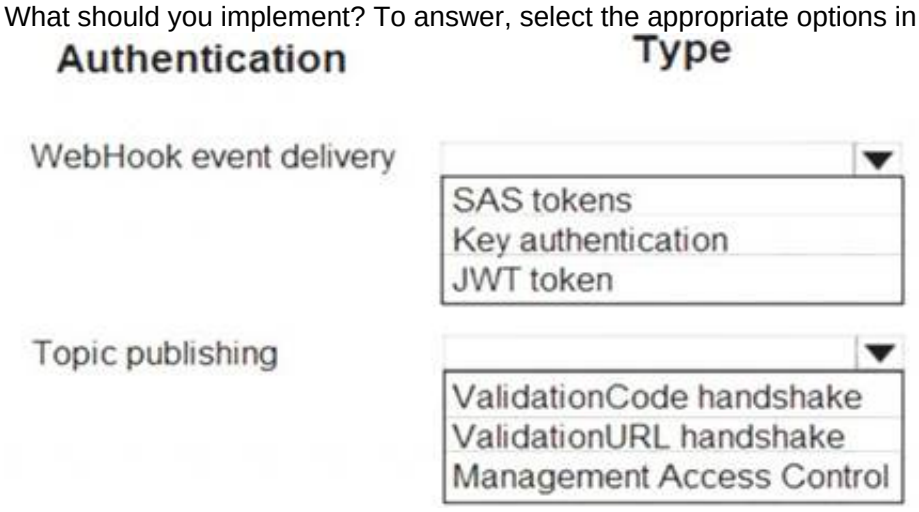
A. Mastered

B. Not Mastered

Answer: A

Explanation:
Step 1: Get-AzSubscription
If you have multiple subscriptions, you might have to specify the one that was used to create your key vault. Enter the following to see the subscriptions for your account:
Get-AzSubscription
Step 2: Set-AzContext -SubscriptionId
To specify the subscription that's associated with the key vault you'll be logging, enter: Set-AzContext -SubscriptionId <subscriptionID>
Step 3: Get-AzStorageAccountKey You must get that storage account key.
Step 4: $secretvalue = ConvertTo-SecureString <storageAccountKey> -AsPlainText -Force
Set-AzKeyVaultSecret -VaultName <vaultName> -Name <secretName> -SecretValue $secretvalue After retrieving your secret (in this case, your storage account key), you must convert that key to a secure
string, and then create a secret with that value in your key vault.
Step 5: Get-AzKeyVaultSecret
Next, get the URI for the secret you created. You'll need this URI in a later step to call the key vault and retrieve your secret. Run the following PowerShell command and make note of the ID value, which is the secret's URI:
Get-AzKeyVaultSecret –VaultName <vaultName> Reference:
https://docs.microsoft.com/bs-latn-ba/Azure/key-vault/key-vault-key-rotation-log-monitoring

NEW QUESTION 56
- (Exam Topic 7)
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

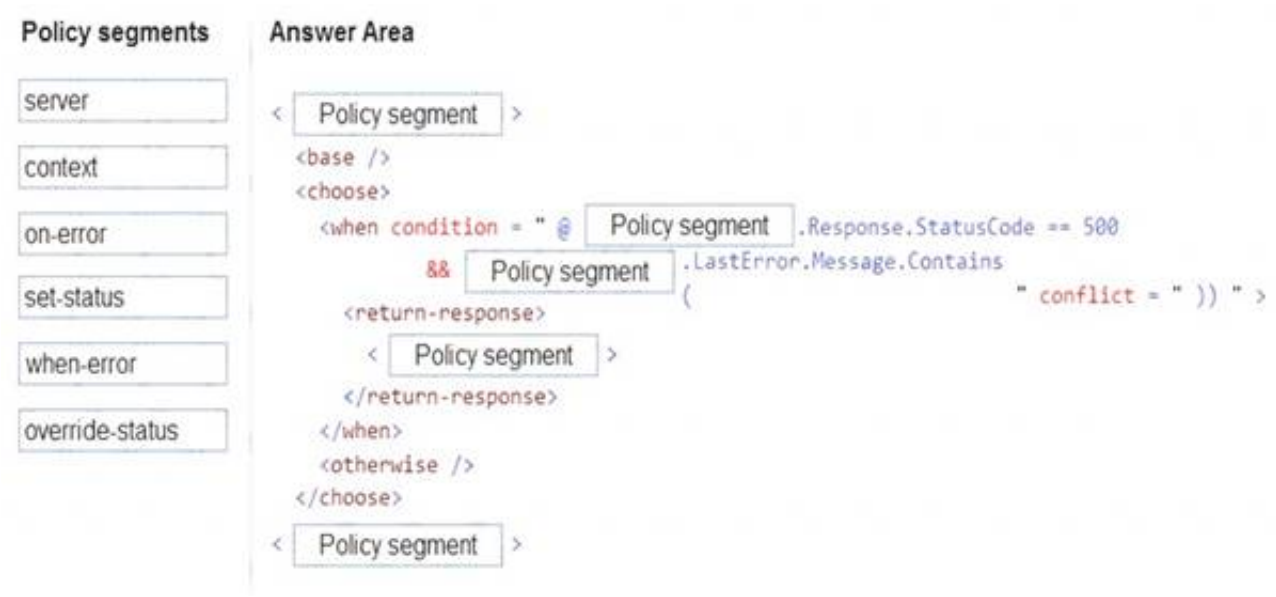


A. Mastered
B. Not Mastered

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 60
- (Exam Topic 7)
You are developing a REST web service. Customers will access the service by using an Azure API Management instance.
The web service does not correctly handle conflicts. Instead of returning an HTTP status code of 409, the service returns a status code of 500. The body of the status message contains only the word conflict.
You need to ensure that conflicts produce the correct response.
How should you complete the policy? 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: on-error
Policies in Azure API Management are divided into inbound, backend, outbound, and on-error.
If there is no on-error section, callers will receive 400 or 500 HTTP response messages if an error condition occurs.
Box 2: context
Box 3: context
Box 4: set-status
The return-response policy aborts pipeline execution and returns either a default or custom response to the caller. Default response is 200 OK with no body.
Custom response can be specified via a context variable or policy statements. Syntax:
<return-response response-variable-name="existing context variable">
<set-header/>
<set-body/>
<set-status/>
</return-response> Box 5: on-error
Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-error-handling-policies https://docs.microsoft.com/en-us/azure/api-management/api-management-transformation-policies

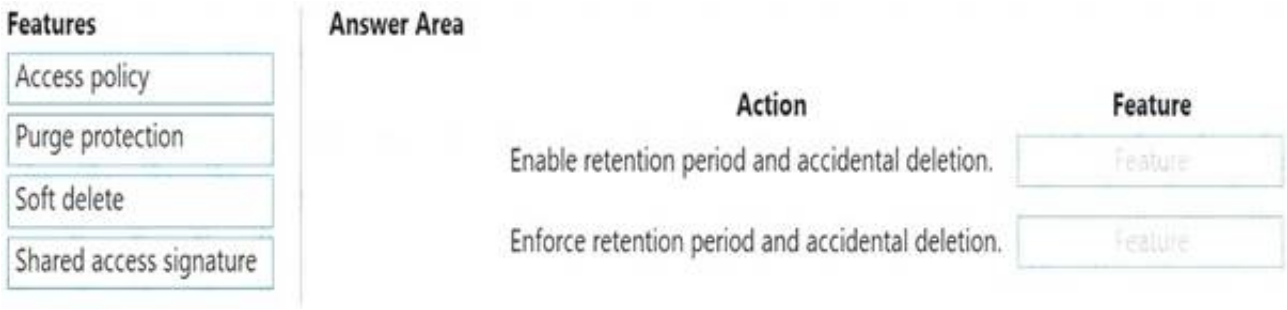
NEW QUESTION 61
- (Exam Topic 7)
You are developing an Azure Function App that processes images that are uploaded to an Azure Blob container.
Images must be processed as quickly as possible after they are uploaded, and the solution must minimize latency. You create code to process images when the Function App is triggered.
You need to configure the Function App. What should you do?

A. Use an App Service pla
B. Configure the Function App to use an Azure Blob Storage input trigger.
C. Use a Consumption pla
D. Configure the Function App to use an Azure Blob Storage trigger.
E. Use a Consumption pla
F. Configure the Function App to use a Timer trigger.
G. Use an App Service pla
H. Configure the Function App to use an Azure Blob Storage trigger.
I. Use a Consumption pla
J. Configure the Function App to use an Azure Blob Storage input trigger.

Answer: B

Explanation:
The Blob storage trigger starts a function when a new or updated blob is detected. The blob contents are provided as input to the function.
The Consumption plan limits a function app on one virtual machine (VM) to 1.5 GB of memory. Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-blob-trigger

NEW QUESTION 62
- (Exam Topic 7)
You are developing an application to securely transfer data between on-premises file systems and Azure Blob storage. The application stores keys, secrets, and certificates in Azure Key Vault. The application uses the Azure Key Vault APIs.
The application must allow recovery of an accidental deletion of the key vault or key vault objects. Key vault objects must be retained for 90 days after deletion.
You need to protect the key vault and key vault objects.
Which Azure Key Vault feature should you use? To answer, drag the appropriate features to the correct actions. Each feature 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.

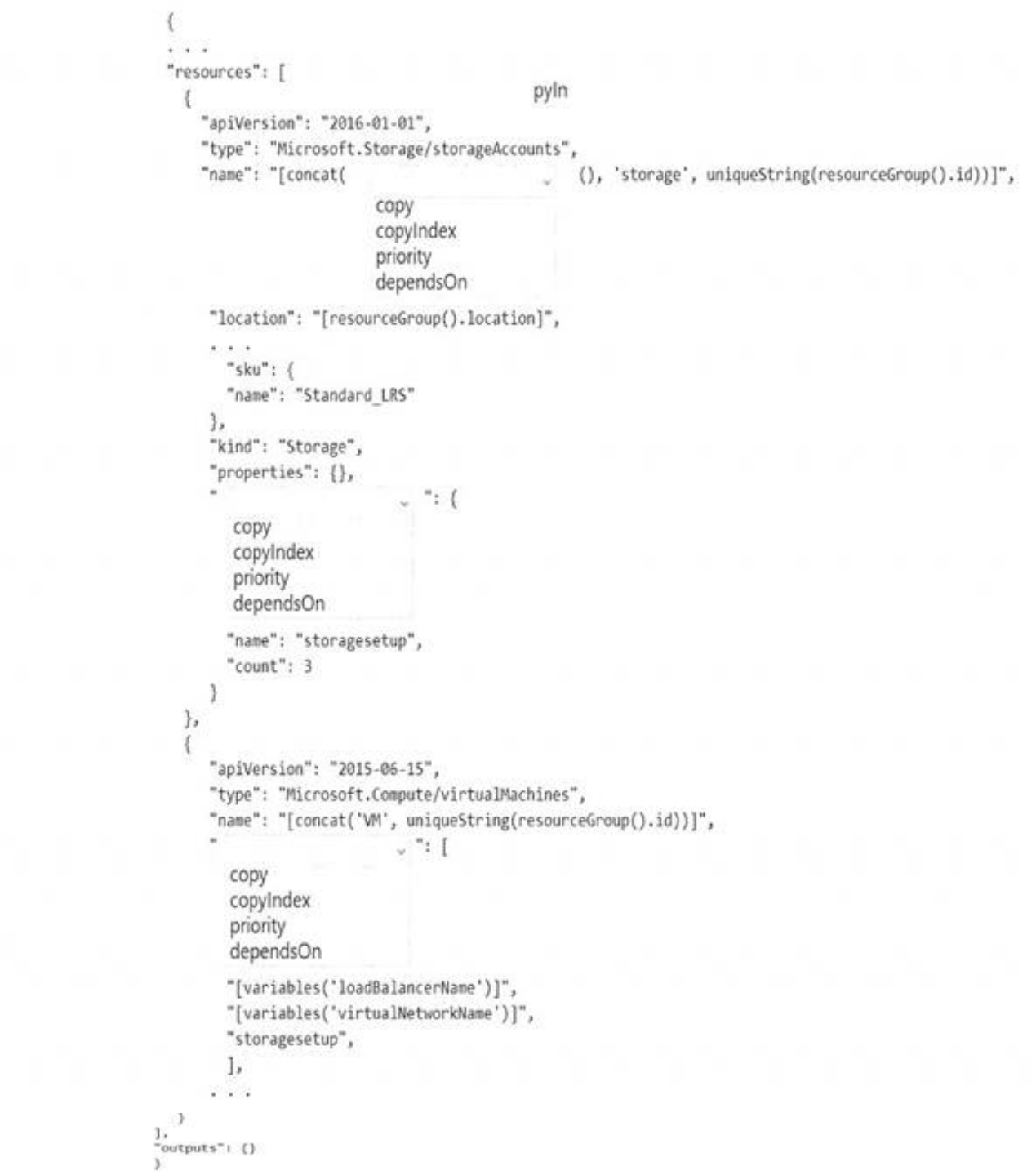


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Soft delete
When soft-delete is enabled, resources marked as deleted resources are retained for a specified period (90 days by default). The service further provides a mechanism for recovering the deleted object, essentially undoing the deletion.
Box 2: Purge protection
Purge protection is an optional Key Vault behavior and is not enabled by default. Purge protection can only be enabled once soft-delete is enabled.
When purge protection is on, a vault or an object in the deleted state cannot be purged until the retention period has passed. Soft-deleted vaults and objects can still be recovered, ensuring that the retention policy will be followed.
Reference:
https://docs.microsoft.com/en-us/azure/key-vault/general/soft-delete-overview

NEW QUESTION 67
- (Exam Topic 7)
You are configuring a new development environment for a Java application.
The environment requires a Virtual Machine Scale Set (VMSS), several storage accounts, and networking components.
The VMSS must not be created until the storage accounts have been successfully created and an associated load balancer and virtual network is configured.
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



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: copyIndex
Notice that the name of each resource includes the copyIndex() function, which returns the current iteration in the loop. copyIndex() is zero-based.
Box 2: copy
By adding the copy element to the resources section of your template, you can dynamically set the number of resources to deploy.
Box 3: dependsOn Example:
"type": "Microsoft.Compute/virtualMachineScaleSets", "apiVersion": "2020-06-01",
"name": "[variables('namingInfix')]",
"location": "[parameters('location')]", "sku": {
"name": "[parameters('vmSku')]", "tier": "Standard",
"capacity": "[parameters('instanceCount')]"
},
"dependsOn": [
"[resourceId('Microsoft.Network/loadBalancers', variables('loadBalancerName'))]", "[resourceId('Microsoft.Network/virtualNetworks', variables('virtualNetworkName'))]"
],
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/copy-resources https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/quick-create-template-windows

NEW QUESTION 69
- (Exam Topic 7)
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 70
- (Exam Topic 7)
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 72
- (Exam Topic 7)
A company develops a series of mobile games. All games use a single leaderboard service. You have the following requirements:
•Code should be scalable and allow for growth.
•Each record must consist of a playedId, gameId, score, and time played.
•When users reach a new high score, the system will save the new score using the SaveScore function below.
•Each game is assigned and Id based on the series title.
You have the following code. (Line numbers are included for reference only.)

```
01 public void SaveScore(string gameId, string playerId, int score, long timePlayed)
02 {
03   CloudStorageAccount storageAccount = CloudStorageAccount.Parse(connectionString);
04   CloudTableClient tableClient = storageAccount.CreateCloudTableClinet();
05   CloudTable table = tableClient.GetTableReference("scoreTable");
06   table.CreateIfNotExists();
07   var scoreRecord = new PlayerScore(gameId, playerId, score, timePlayed);
08   TableOperation insertOperation = TableOperation.Insert(scoreRecord);
09   table.Execute(insertOperation);
10  }
11  public class PlayerScore : TableEntity
12 {
13   public PlayerScore(string gameId, string playerId, int score, long timePlayed)
14   {
15     this.PartitionKey = gameId;
16     this.RowKey = playerId;
17   Score = score;
18   TimePlayed = timePlayed;
19   }
20   public int Score { get; set; }
21   public long TimePlayed { get; set; }
22 }
```

You store customer information in an Azure Cosmos database. The following data already exists in the database:

PartitionKey	RowKey	Email
Harp	Walter	wharp@contoso.com
Smith	Steve	ssmith@contoso.com
Smith	Jeff	jsmith@contoso.com

```
01   CloudTableClient tableClient = account.CreateCloudTableClient();
02   CloudTable table = tableClient.GetTableReference("people");
03   TableQuery<CustomerEntity> query = new TableQuery<CustomerEntity>()
04    .Where(TableQuery.CombineFilters(
05   TableQuery.Generate.And, TableQuery.GenerateFilterCondition(Email, QueryComparisons.Equal, "Smith")
06   TableOperators.And, TableQuery.GenerateFilterCondition(Email, QueryComparisons.Equal,
"ssmith@contoso.com")
07   ));
08   await table.ExecuteQuerySegmentedAsync<CustomerEntity>(query, null);
```

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

	Yes	No
The code will work with Cosmos DB.	○	○
The save score function will update and replace a record if one already exists with the same playerId and gameId.	○	○
The data for the game will be automatically partitioned.	○	○
This code will store the values for the gameId and playerId parameters in the database.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Code for CosmosDB, example:
// Parse the connection string and return a reference to the storage account. CloudStorageAccount storageAccount = CloudStorageAccount.Parse(
CloudConfigurationManager.GetSetting("StorageConnectionString"));
// Create the table client.
CloudTableClient tableClient = storageAccount.CreateCloudTableClient();
// Retrieve a reference to the table.
CloudTable table = tableClient.GetTableReference("people");
// Create the TableOperation object that inserts the customer entity. TableOperation insertOperation = TableOperation.Insert(customer1); Box 2: No
A new record will always be added as TableOperation.Insert is used, instead of TableOperation.InsertOrReplace.
Box 3: No
No partition key is used. Box 4: Yes
References:
https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet

NEW QUESTION 76
- (Exam Topic 7)

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.

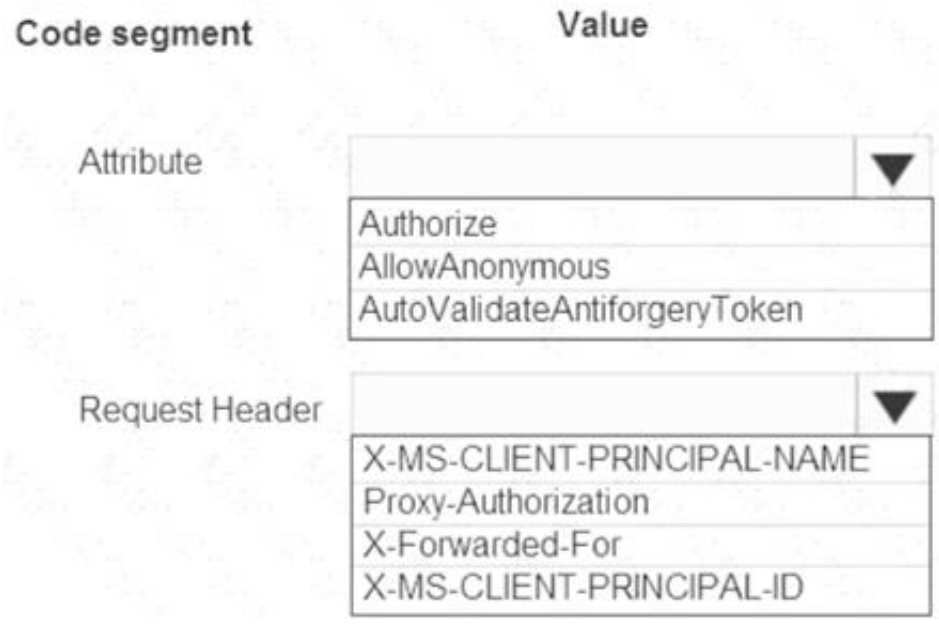
You need to store the information.
Solution: Enable Application Request Routing (ARR). Does the solution meet the goal?

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 79
- (Exam Topic 7)
ASP.NET Core API app by using C#. The API app will allow users to authenticate by using Twitter and Azure Active Directory (Azure AD).
Users must be authenticated before calling API methods. You must log the user's name for each method call. You need to configure the API method calls.
Which values 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: Authorize
Box 2: X-MS-CLIENT-PRINCIPAL-NAME
App Service passes user claims to your application by using special headers. External requests aren't allowed to set these headers, so they are present only if set by App Service. Some example headers include:
X-MS-CLIENT-PRINCIPAL-NAME X-MS-CLIENT-PRINCIPAL-ID
Here's the set of headers you get from Easy Auth for a Twitter authenticated user:
{
"cookie": "AppServiceAuthSession=Lx43...xHDTA==", "x-ms-client-principal-name": "evilSnobu",
"x-ms-client-principal-id": "35....", "x-ms-client-principal-idp": "twitter",
"x-ms-token-twitter-access-token": "35...Dj",
"x-ms-token-twitter-access-token-secret": "OK3...Jx",
}
References:
https://docs.microsoft.com/en-us/azure/app-service/app-service-authentication-how-to

NEW QUESTION 82
- (Exam Topic 7)
You are developing an app that manages users for a video game. You plan to store the region, email address, and phone number for the player. Some players may not have a phone number. The player's region will be used to load-balance data.
Data for the app must be stored in Azure Table Storage.
You need to develop code to retrieve data for an individual player.
How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```
public class PlayerEntity : TableEntity
{
   public PlayerEntity()
   {
   }
   public PlayerEntity(string region, string email)
   {
     ParitionKey = [email | phone | region] ;
     RowKey= [email | phone | region] ;
   }
     public string Phone { get; set; }
   }
   public class Player
   }

protected PlayerEntity player;
async void GetPlayer(string cs, [CloudTable | CloudTableClient | TableEntity | TableEntityAdapter] table, string pk, string rk)
{
  [TableEntity query =TableEntity.Retrieve<PlayerEntity>(pk, rk);
   TableOperation query =TableOperation.Retrieve<PlayerEntity>(pk,rk);
   TableResult query =TableQuery.Retrieve<PlayerEntity>(pk,rk);
   TableResultSegment query =TableResult.Retrieve<PlayerEntity>(pk, rk);]

  [TableEntity data =await table.ExecuteAsync(query);
   TableOperation data =await table.ExeucteAsync(query);
   TableQuery data =await table.ExecuteAsync(query);
   TableResult data =await table.ExecuteAsync(query);]
  player=data.Result as PlayerEntity;
  }
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: region
The player's region will be used to load-balance data. Choosing the PartitionKey.
The core of any table's design is based on its scalability, the queries used to access it, and storage operation requirements. The PartitionKey values you choose will dictate how a table will be partitioned and the type of queries that can be used. Storage operations, in particular inserts, can also affect your choice of PartitionKey values.
Box 2: email
Not phone number some players may not have a phone number. Box 3: CloudTable
Box 4 : TableOperation query =.. Box 5: TableResult
References:
https://docs.microsoft.com/en-us/rest/api/storageservices/designing-a-scalable-partitioning-strategy-for-azure-ta

NEW QUESTION 84
- (Exam Topic 7)
You are a developer for a Software as a Service (SaaS) company. You develop solutions that provide the ability to send notifications by using Azure Notification Hubs.
You need to create sample code that customers can use as a reference for how to send raw notifications to Windows Push Notification Services (WNS) devices.
The sample code must not use external packages.
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:
Graphical user interface, text, application, email Description automatically generated
Box 1: windows Example code:
var request = new HttpRequestMessage(method, $"{resourceUri}?api-version=2017-04"); request.Headers.Add("Authorization", createToken(resourceUri, KEY_NAME, KEY_VALUE));
request.Headers.Add("X-WNS-Type", "wns/raw"); request.Headers.Add("ServiceBusNotification-Format", "windows");
return request;
Box 2: application/octet-stream
Example code capable of sending a raw notification:
string resourceUri = $"https://{NH_NAMESPACE}.servicebus.windows.net/{HUB_NAME}/messages/"; using (var request = CreateHttpRequest(HttpMethod.Post, resourceUri))
{
request.Content = new StringContent(content, Encoding.UTF8, "application/octet-stream"); request.Content.Headers.ContentType.CharSet = string.Empty;
var httpClient = new HttpClient();
var response = await httpClient.SendAsync(request); Console.WriteLine(response.StatusCode);
}
Reference:
https://stackoverflow.com/questions/31346714/how-to-send-raw-notification-to-azure-notification-hub/3134790

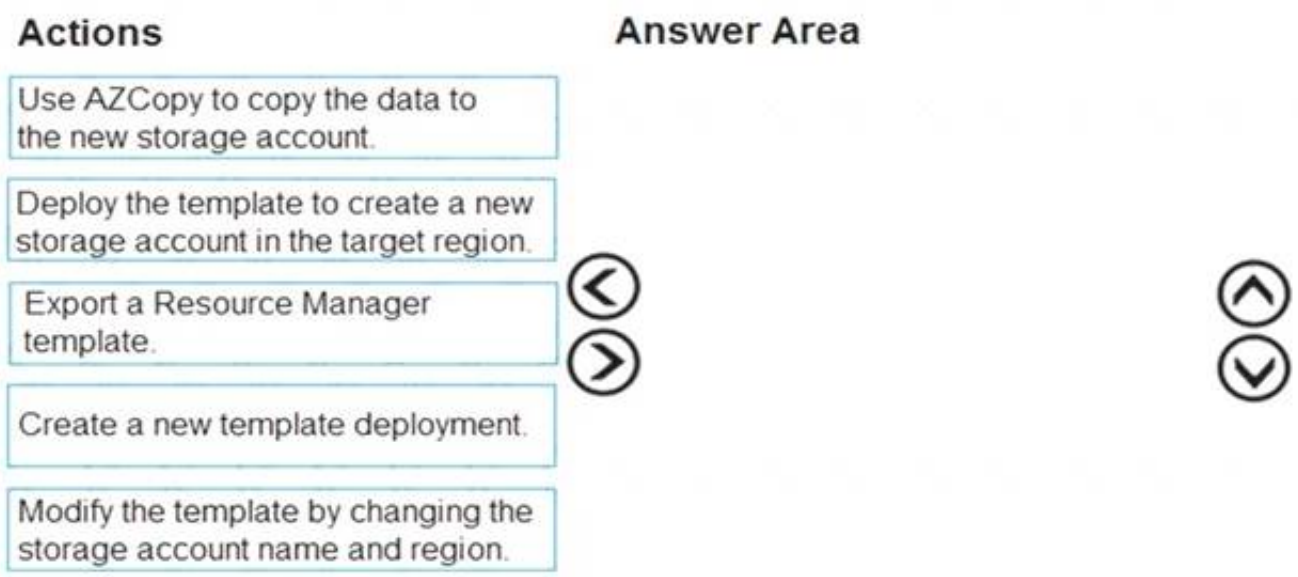
NEW QUESTION 85
- (Exam Topic 7)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this question, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with implementing Azure Search for the restaurants listed in their solution.
You create the index in Azure Search.
You need to import the restaurant data into the Azure Search service by using the Azure Search .NET SDK. Solution:
* 1. Create a SearchIndexClient object to connect to the search index.
* 2. Create a DataContainer that contains the documents which must be added.
* 3. Create a DataSource instance and set its Container property to the DataContainer.
* 4. Call the Documents.Suggest method of the SearchIndexClient and pass the DataSource.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Use the following method:
* 1. - Create a SearchIndexClient object to connect to the search index
* 2. - Create an IndexBatch that contains the documents which must be added.
* 3. - Call the Documents.Index method of the SearchIndexClient and pass the IndexBatch. References:
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION 90
- (Exam Topic 7)
You are developing an application to use Azure Blob storage. You have configured Azure Blob storage to include change feeds.
A copy of your storage account must be created in another region. Data must be copied from the current storage account to the new storage account directly between the storage servers.
You need to create a copy of the storage account in another region and copy the data.
In which order should you perform the actions? 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:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-move?tabs=azure-portal#modify-the-te

NEW QUESTION 93
- (Exam Topic 7)
You are writing code to create and run an Azure Batch job.
You have created a pool of compute nodes.
You need to choose the right class and its method to submit a batch job to the Batch service. Which method should you use?

A. JobOperations.CreateJobO
B. CloudJob.Enable(IEnumerable<BatchClientBehavior>)
C. CloudJob.CommitAsync(IEnumerable<BatchClientBehavior>, CancellationToken)
D. JobOperations.EnableJob(String, IEnumerable<BatchClientBehavior>)
E. JobOperations.EnableJobAsync(Strin
F. IEnumerable<BatchClientBehavior>. CancellationToken)

Answer: C

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.
The Commit method submits the job to the Batch service. Initially the job has no tasks.
{
CloudJob job = batchClient.JobOperations.CreateJob(); job.Id = JobId;
job.PoolInformation = new PoolInformation { PoolId = PoolId }; job.Commit();
}
References:
https://docs.microsoft.com/en-us/azure/batch/quick-run-dotnet

NEW QUESTION 98
- (Exam Topic 7)
You are developing a medical records document management website. The website is used to store scanned copies of patient intake forms. If the stored intake forms are downloaded from storage by a third party, the content of the forms must not be compromised.
You need to store the intake forms according to the requirements.
Solution:
- Create an Azure Cosmos DB database with Storage Service Encryption enabled.
- Store the intake forms in the Azure Cosmos DB database. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead use an Azure Key vault and public key encryption. Store the encrypted from in Azure Storage Blob storage.

NEW QUESTION 103
- (Exam Topic 7)
A company is implementing a publish-subscribe (Pub/Sub) messaging component by using Azure Service Bus. You are developing the first subscription application.
In the Azure portal you see that messages are being sent to the subscription for each topic. You create and initialize a subscription client object by supplying the correct details, but the subscription application is still not consuming the messages.
You need to ensure that the subscription client processes all messages. Which code segment should you use?

A. await subscriptionClient.AddRuleAsync(new RuleDescription (RuleDescription.DefaultRuleName, new TrueFilter()));
B. subscriptionClient = new SubscriptionClient(ServiceBusConnectionString, TopicName, SubscriptionName); D18912E1457D5D1DDCBD40AB3BF70D5D
C. await subscriptionClient.CloseAsync();
D. subscriptionClient.RegisterMessageHandler(ProcessMessagesAsync, messageHandlerOptions);

Answer: D

Explanation:
Using topic client, call RegisterMessageHandler which is used to receive messages continuously from the entity. It registers a message handler and begins a new thread to receive messages. This handler is waited on every time a new message is received by the receiver.
subscriptionClient.RegisterMessageHandler(ReceiveMessagesAsync, messageHandlerOptions); Reference:
https://www.c-sharpcorner.com/article/azure-service-bus-topic-and-subscription-pub-sub/

NEW QUESTION 108
- (Exam Topic 7)
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 solution to collect point-of-sale (POS) device data from 2,000 stores located throughout the world. A single device can produce 2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.
You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.
You need to implement a solution to receive the device data.
Solution: Provision an Azure Service Bus. Configure a topic to receive the device data by using a correlation filter.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
A message is raw data produced by a service to be consumed or stored elsewhere. The Service Bus is for high-value enterprise messaging, and is used for order processing and financial transactions.
Reference:
https://docs.microsoft.com/en-us/azure/event-grid/compare-messaging-services

NEW QUESTION 110
- (Exam Topic 7)
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.                    ",
      "operator": "Equal"
      "matchValues": [ "          " ]
} },
  {
    "name": "RequestHeader",
    "parameters": {
      "@odata.type": "#Microsoft.Azure.Cdn.Models.                    ",
      "operator": "Contains",
      "selector": "          ",
      "matchValues": [ "          " ]
  } }
]
```

DeliveryRuleIsDeviceConditionParameters
DeliveryRuleCookiesConditionParameters
DeliveryRulePostArgsConditionParameters
DeliveryRuleRequestHeaderConditionParameters

iOS
Mobile
iPhone
Desktop

DeliveryRuleIsDeviceConditionParameters
DeliveryRuleCookiesConditionParameters
DeliveryRulePostArgsConditionParameters
DeliveryRuleRequestHeaderConditionParameters

FROM
PRAGMA
X-POWERED-BY
HTTP_USER_AGENT

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.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-condition https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-grant

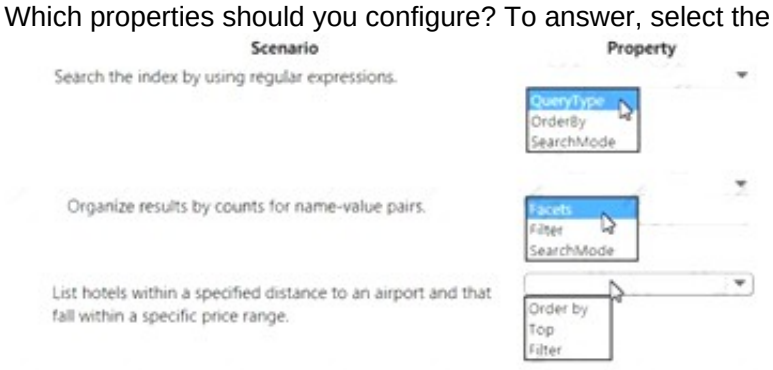
NEW QUESTION 113
- (Exam Topic 7)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct 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.
Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with implementing Azure Search tor the restaurants listed in their solution.
You create the index in Azure Search.
You need to import the restaurant data into the Azure Search service by using the Azure Search NET SDK. Solution:
* 1. Create a SearchServiceClient object to connect to the search index.
* 2. Create a DataContainer that contains the documents which must be added.
* 3. Create a DataSource instance and set its Container property to the DataContainer.
* 4. Set the DataSource property of the SearchServiceClient
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Use the following method:
* 1. Create a SearchIndexClient object to connect to the search index
* 2. Create an IndexBatch that contains the documents which must be added.
* 3. Call the Documents.Index method of the SearchIndexClient and pass the IndexBatch.
References:
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION 114
- (Exam Topic 7)
You are developing a .NET Core MVC application for customers to research hotels. The application will use Azure Search. The application will search the index by using various criteria to locate documents related to hotels. The index will include search fields for rate, a list of amenities, and distance to the nearest airport.
The application must support the following scenarios for specifying search criteria and organizing results:
• Search the index by using regular expressions.
• Organize results by counts for name-value pairs.
• List hotels within a specified distance to an airport and that fall within a specific price range. You need to configure the SearchParameters class.
Which properties 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:
Box 1: QueryType
The SearchParameters.QueryType Property gets or sets a value that specifies the syntax of the search query. The default is 'simple'. Use 'full' if your query uses the Lucene query syntax.
You can write queries against Azure Search based on the rich Lucene Query Parser syntax for specialized query forms: wildcard, fuzzy search, proximity search, regular expressions are a few examples.
Box 2: Facets
The facets property gets or sets the list of facet expressions to apply to the search query. Each facet expression contains a field name, optionally followed by a comma-separated list of name:value pairs.
Box 3: Filter
The Filter property gets or sets the OData $filter expression to apply to the search query. References:
https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.search.models.searchparameters https://docs.microsoft.com/en-us/azure/search/query-lucene-syntax
https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.search.models.searchparameters.querytype

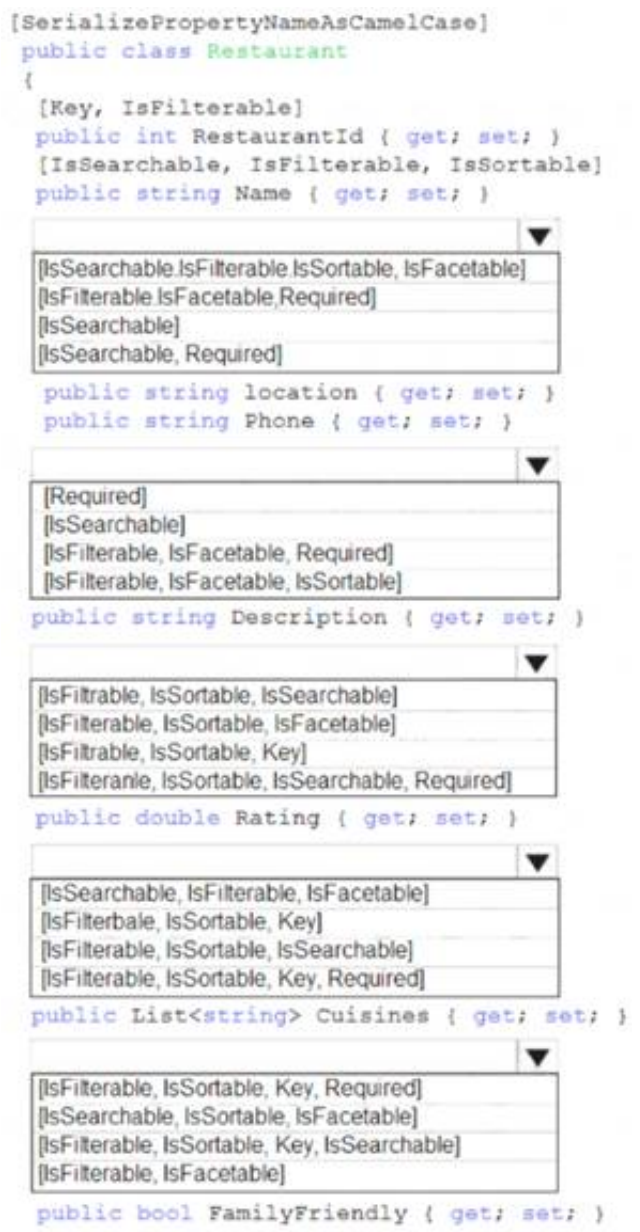
NEW QUESTION 117
- (Exam Topic 7)
You are developing a Java application that uses Cassandra to store key and value data. You plan to use a new Azure Cosmos DB resource and the Cassandra API in the application. You create an Azure Active Directory (Azure AD) group named Cosmos DB Creators to enable provisioning of Azure Cosmos accounts, databases, and containers.
The Azure AD group must not be able to access the keys that are required to access the data. You need to restrict access to the Azure AD group.
Which role-based access control should you use?

A. DocumentDB Accounts Contributor
B. Cosmos Backup Operator
C. Cosmos DB Operator
D. Cosmos DB Account Reader

Answer: C

Explanation:
Azure Cosmos DB now provides a new RBAC role, Cosmos DB Operator. This new role lets you provision Azure Cosmos accounts, databases, and containers, but can’t access the keys that are required to access the data. This role is intended for use in scenarios where the ability to grant access to Azure Active Directory service principals to manage deployment operations for Cosmos DB is needed, including the account, database, and containers.
Reference:
https://azure.microsoft.com/en-us/updates/azure-cosmos-db-operator-role-for-role-based-access-control-rbac-is

NEW QUESTION 121
- (Exam Topic 7)
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.



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 124
- (Exam Topic 7)
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 129
- (Exam Topic 7)
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 question, 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 solution that will be deployed to an Azure Kubernetes Service (AKS) cluster. The solution will include a custom VNet, Azure Container Registry images, and an Azure Storage account.
The solution must allow dynamic creation and management of all Azure resources within the AKS cluster. You need to configure an AKS cluster for use with the Azure APIs.
Solution: Enable the Azure Policy Add-on for Kubernetes to connect the Azure Policy service to the GateKeeper admission controller for the AKS cluster. Apply a built-in policy to the cluster.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead create an AKS cluster that supports network policy. Create and apply a network to allow traffic only from within a defined namespace
References:
https://docs.microsoft.com/en-us/azure/aks/use-network-policies

NEW QUESTION 134
- (Exam Topic 7)
You develop a website. You plan to host the website in Azure. You expect the website to experience high traffic volumes after it is published. You must ensure that the website remains available and responsive while minimizing cost. You need to deploy the website. What should you do?

A. Deploy the website to an App Service that uses the Shared service tie
B. Configure the App Service plan to automatically scale when the CPU load is high.
C. Deploy the website to a virtual machin
D. Configure the virtual machine to automatically scale when the CPU load is high.
E. Deploy the website to an App Service that uses the Standard service tie
F. Configure the App Service plan to automatically scale when the CPU load is high.
G. Deploy the website to a virtual machin
H. Configure a Scale Set to increase the virtual machine instancecount when the CPU load

Answer: C

Explanation:
Windows Azure Web Sites (WAWS) offers 3 modes: Standard, Free, and Shared.
Standard mode carries an enterprise-grade SLA (Service Level Agreement) of 99.9% monthly, even for sites with just one instance.
Standard mode runs on dedicated instances, making it different from the other ways to buy Windows Azure Web Sites.

NEW QUESTION 135
- (Exam Topic 7)
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 Python, implement the class: TaskAddParameter
B. In Python, implement the class: JobAddParameter
C. In the Azure portal, create a Batch account
D. In a .NET method, call the method: BatchClient.PoolOperations.CreateJob

Answer: D

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.
Note:
Step 1: Create a pool of compute nodes. When you create a pool, you specify the number of compute nodes for the pool, their size, and the operating system. When each task in your job runs, it's assigned to execute on one of the nodes in your pool.
Step 2 : Create a job. A job manages a collection of tasks. You associate each job to a specific pool where that job's tasks will run.
Step 3: Add tasks to the job. Each task runs the application or script that you uploaded to process the data files it downloads from your Storage account. As each task completes, it can upload its output to Azure Storage.

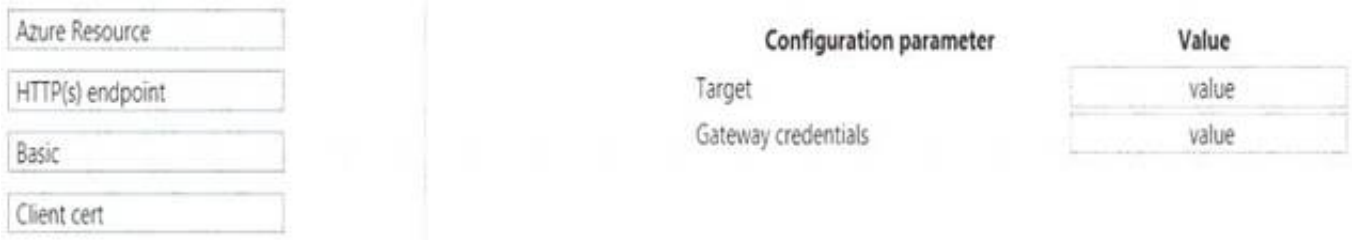
NEW QUESTION 139
- (Exam Topic 7)
You develop a REST API. You implement a user delegation SAS token to communicate with Azure Blob storage.
The token is compromised. You need to revoke the token.
What are two possible ways to achieve this goal? Each correct answer presents a complete solution. NOTE: 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 https://docs.microsoft.com/en-us/rest/api/storageservices/define-stored-access-policy#modifying-or-revoking-as

NEW QUESTION 142
- (Exam Topic 7)
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-ba

NEW QUESTION 145
- (Exam Topic 7)
You are creating a hazard notification system that has a single signaling server which triggers audio and visual alarms to start and stop.
You implement Azure Service Bus to publish alarms. Each alarm controller uses Azure Service Bus to receive alarm signals as part of a transaction. Alarm events must be recorded for audit purposes. Each transaction record must include information about the alarm type that was activated.
You need to implement a reply trail auditing solution.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Assign the value of the hazard message SessionID property to the ReplyToSessionId property.
B. Assign the value of the hazard message MessageId property to the DevileryCount property.
C. Assign the value of the hazard message SessionID property to the SequenceNumber property.
D. Assign the value of the hazard message MessageId property to the CorrelationId property.
E. Assign the value of the hazard message SequenceNumber property to the DeliveryCount property.
F. Assign the value of the hazard message MessageId property to the SequenceNumber property.

Answer: AD

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-messages-payloads

NEW QUESTION 147
- (Exam Topic 7)
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 named Testing and 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: Update the app with a method named statuscheck to run the scripts. Update the app settings for the app. Set the WEBSITE_SWAP_WARMUP_PING_PATH and WEBSITE_SWAP_WARMUP_PING_STATUSES with a path to the new method and appropriate response codes.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:

These are valid warm-up behavior options, but are not helpful in fixing swap problems.
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 148
- (Exam Topic 7)
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-power

NEW QUESTION 150
- (Exam Topic 7)
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 Service Bus Queue from the mobile application. Create an Azure Windows VM that is triggered from Azure Service Bus Queue.
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 151
- (Exam Topic 7)
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:
- Create a new Azure AD application. In the application's manifest, define application roles that match the required permission levels for the application.
- Assign the appropriate Azure AD group to each role. In the website, use the value of the roles claim from the JWT for the user to determine permissions.

Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
To configure Manifest to include Group Claims in Auth Token

- Go to Azure Active Directory to configure the Manifest. Click on Azure Active Directory, and go to

App registrations to find your application:

- Click on your application (or search for it if you have a lot of apps) and edit the Manifest by clicking on it.
- Locate the “groupMembershipClaims” setting. Set its value to either “SecurityGroup” or “All”. To help you decide which:
- “SecurityGroup” - groups claim will contain the identifiers of all security groups of which the user is a member.
- “All” - groups claim will contain the identifiers of all security groups and all distribution lists of which the user is a member

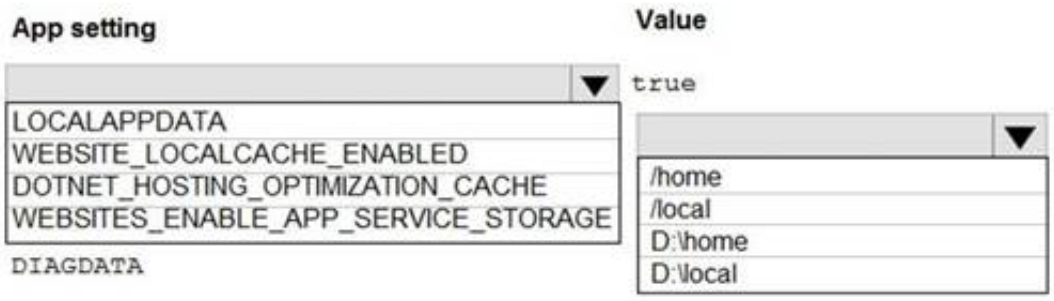
Now your application will include group claims in your manifest and you can use this fact in your code. Reference:
https://blogs.msdn.microsoft.com/waws/2017/03/13/azure-app-service-authentication-aad-groups/

NEW QUESTION 156
- (Exam Topic 7)
You are developing an ASP.NET Core web application. You plan to deploy the application to Azure Web App for Containers.
The application needs to store runtime diagnostic data that must be persisted across application restarts. You have the following code:

```
public void SaveDiagData(string data)
{
    var path = Environment.GetEnvironmentVariable("DIAGDATA")
    File.WriteAllText(Path.Combine(path, "data"), data);
}
```

You need to configure the application settings so that diagnostic data is stored as required.
How should you configure the web app’s settings? 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: If WEBSITES_ENABLE_APP_SERVICE_STORAGE
If WEBSITES_ENABLE_APP_SERVICE_STORAGE setting is unspecified or set to true, the /home/ directory will be shared across scale instances, and files written will persist across restarts
Box 2: /home Reference:
https://docs.microsoft.com/en-us/azure/app-service/containers/app-service-linux-faq

NEW QUESTION 157
- (Exam Topic 7)
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 159
- (Exam Topic 7)
You have a single page application (SPA) web application that manages information based on data returned by Microsoft Graph from another company's Azure Active Directory (Azure AD) instance.
Users must be able to authenticate and access Microsoft Graph by using their own company's Azure AD instance.
You need to configure the application manifest for the app registration.
How should you complete the manifest? 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 163
- (Exam Topic 7)
You develop a news and blog content delivery 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                 GetInstallation
    NotificationHubClientSettings         CreateClientFromConnectionString
    NotificationHubJob                    CreateOrUpdateInstallation
    NotificationDetails                   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)
{
  . . .
}
  . . .
```

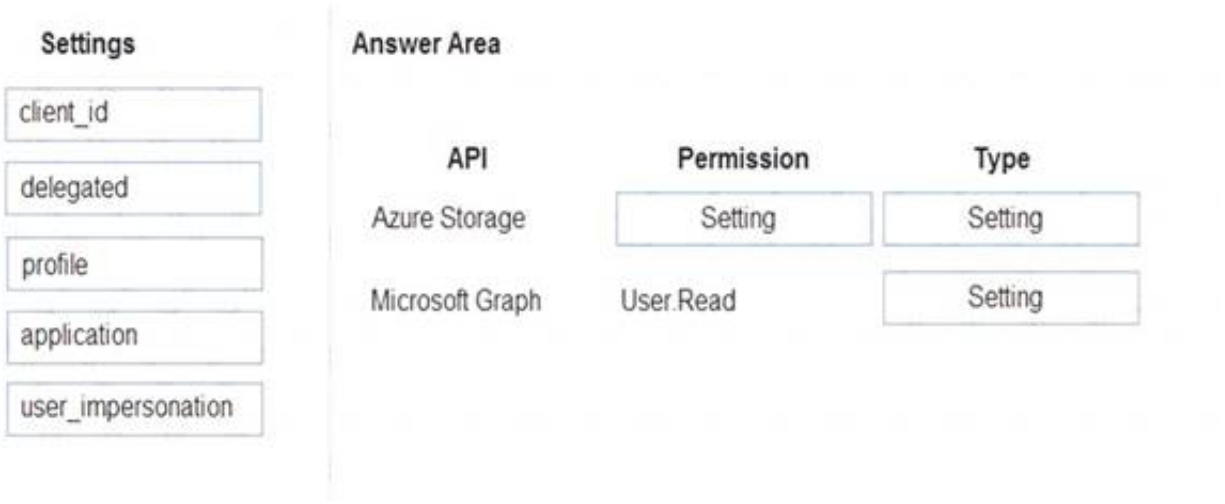
A. Mastered
B. Not Mastered

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); References:
https://docs.microsoft.com/en-us/azure/notification-hubs/notification-hubs-push-notification-registration-manag
https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/app-service-mobile/app-service-mobile-windo

NEW QUESTION 164
- (Exam Topic 7)
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 permission on the containers that store photographs.
You assign users to RBAC role.
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 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: 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 References:
https://docs.microsoft.com/en-us/samples/azure-samples/active-directory-dotnet-webapp-webapi-openidconnect

NEW QUESTION 166
- (Exam Topic 7)
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: Create an Azure Function app that uses the Consumption hosting model and that is triggered from the blob upload.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
In the Consumption hosting plan, resources are added dynamically as required by your functions. Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-storage-blob-triggered-function

NEW QUESTION 167
- (Exam Topic 7)
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 Logic App must use Azure Monitor logs to record and store information about runtime data and events. The logs must be stored in the Azure Blob storage account.
You need to set up Azure Monitor logs and collect diagnostics data for the Azure Logic App.
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:
Text Description automatically generated
Step 1: Create a Log Analytics workspace
Before you start, you need a Log Analytics workspace. Step 2: Install the Logic Apps Management solution
To set up logging for your logic app, you can enable Log Analytics when you create your logic app, or you can install the Logic Apps Management solution in your Log Analytics workspace for existing logic apps.
Step 3: Add a diagnostic setting to the Azure Logic App Set up Azure Monitor logs
- In the Azure portal, find and select your logic app.
- On your logic app menu, under Monitoring, select Diagnostic settings > Add diagnostic setting. Reference:
https://docs.microsoft.com/en-us/azure/logic-apps/monitor-logic-apps-log-analytics

NEW QUESTION 171
- (Exam Topic 7)
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 175
- (Exam Topic 7)
You have an existing Azure storage account that stores large volumes of data across multiple containers. You need to copy all data from the existing storage account to a new storage account. The copy process must meet the following requirements:
- Automate data movement.
- Minimize user input required to perform the operation.
- Ensure that the data movement process is recoverable.

What should you use?

A. AzCopy
B. Azure Storage Explorer
C. Azure portal
D. .NET Storage Client Library

Answer: A

Explanation:
You can copy blobs, directories, and containers between storage accounts by using the AzCopy v10 command-line utility.
The copy operation is synchronous so when the command returns, that indicates that all files have been copied. Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-use-azcopy-blobs-copy

NEW QUESTION 176
- (Exam Topic 7)
You are working for a company that designs mobile applications. They maintain a server where player records are assigned to their different games. The tracking system is new and in development.
The application uses Entity Framework to connect to an Azure Database. The database holds a Player table and Game table.
When adding a player, the code should insert a new player record, and add a relationship between an existing game record and the new player record.
The application will call CreatePlayerWithGame with the correct gameIdand the playerId to start the process. (Line numbers are included for reference only.)

```
01. namespace ContosoCradt
02. {
03.    public class PlayerDbContext : DbContext
04.    {
05.  public PlayerDbContext() : base ("name-dBConnString") { }
06.  public DbSet<Player> Players { get ; set ; }
07.  public DbSet<Game> Games { get ; set ]
08.  protected override void DmModelCreating(DBModelBuilder modelBuilder)
09.  {
10.   modelBuilder.Entity<Player>().MesMany(x => x.Games). WithMany (x => x Players);
11.  }
12.  }
13.   internal series class dbConfiguration : DBMigrationConfiguration<PlayerDbContext>
14.  {
15.  public dbConfiguration() . {AutomaticMigrationsEnabled = true ; }
16.  {
17.    public class mp
18.    {
19.  public void CreatePlayerWithGame(int playerId, int gameId) => AddPlayer(playerId, GetGame(gameId));
20.  public game GetGame(int gameId)
21.  {
22.    using (var db = new PlayerDbContext())
23.  {
24.    return db.Games.FirstOrDefault(x => x.GameId == gameId);
25.  }
26.    }
27.    public Player AddPlayer (int playerId, Game game)
28.    {
29.  using (var db = new PlayerDbContext())
30.  {
31.    var player = new Player
32.     {
33.      PlayerId = playerId,
34.      Games = new List <Game> {game },
35.  };
36.  db.Players.Add(player);
37.  db.SaveChanges();
38.  return player;
39.    }
40. }
41. public class Player
42. {
43.  public int PlayerId { get ; set; }
44.  public string PlayerName { get ; set; }
45.  public virtual List<Game> Games { get ; set; }
46.  }
47.  public class Game
48.  {
49.  public int GameIs { get ; set }
50.  public string Title { get ; set; }
51.  public string Platform { get ; set; ]
52.  public virtual List<Player> Players { get ; set; }
53.     }
54.  }
```

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

	Yes	No
The code will successfully insert a player record.	○	○
The code has a bug and will insert an additional copy of the Game record with a new Id.	○	○
The code has a bug and will insert the wrong gameId value.	○	○
There is a valid many-to-many relationship between Players and Games.	○	○

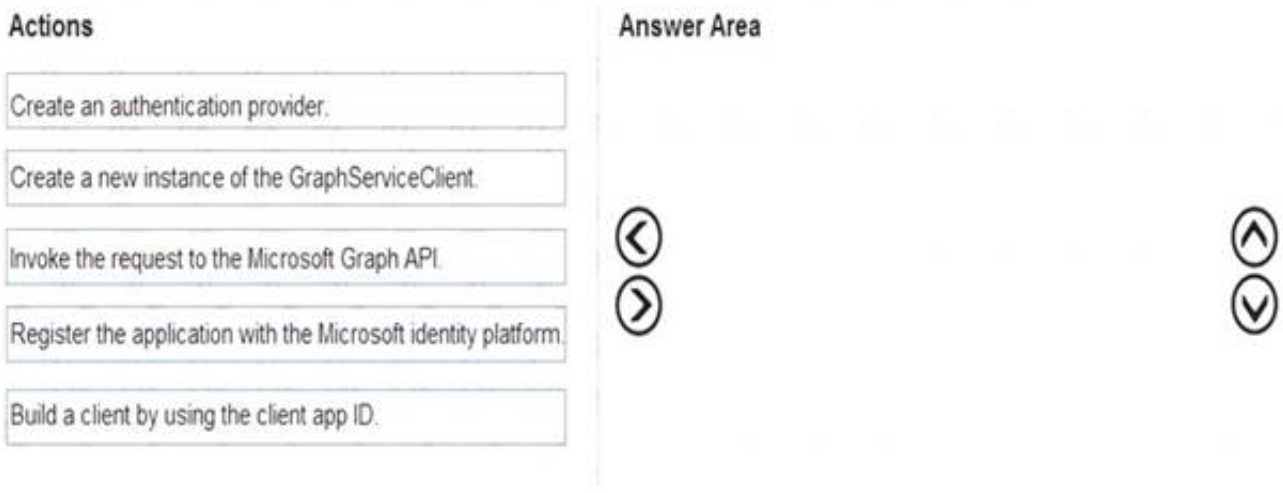
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Many-to-many relationships without an entity class to represent the join table are not yet supported. However, you can represent a many-to-many relationship by including an entity class for the join table and mapping two separate one-to-many relationships.
protected override void OnModelCreating(ModelBuilder modelBuilder)
{
modelBuilder.Entity<PostTag>() HasKey(t => new { t.PostId, t.TagId }); modelBuilder.Entity<PostTag>() HasOne(pt => pt.Post)
WithMany(p => p.PostTags) HasForeignKey(pt => pt.PostId); modelBuilder.Entity<PostTag>() HasOne(pt => pt.Tag) WithMany(t => t.PostTags) HasForeignKey(pt => pt.TagId);
}
}

NEW QUESTION 179
- (Exam Topic 7)

You are developing an application to retrieve user profile information. The application will use the Microsoft Graph SDK.
The app must retrieve user profile information by using a Microsoft Graph API call. You need to call the Microsoft Graph API from the application.
In which order should you perform the actions? 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:
Table Description automatically generated
Step 1: Register the application with the Microsoft identity platform.
To authenticate with the Microsoft identity platform endpoint, you must first register your app at the Azure app registration portal
Step 2: Build a client by using the client app ID Step 3: Create an authentication provider
Create an authentication provider by passing in a client application and graph scopes. Code example:
DeviceCodeProvider authProvider = new DeviceCodeProvider(publicClientApplication, graphScopes);
// Create a new instance of GraphServiceClient with the authentication provider. GraphServiceClient graphClient = new GraphServiceClient(authProvider);
Step 4: Create a new instance of the GraphServiceClient Step 5: Invoke the request to the Microsoft Graph API Reference:
https://docs.microsoft.com/en-us/graph/auth-v2-service https://docs.microsoft.com/en-us/graph/sdks/create-client

NEW QUESTION 181
- (Exam Topic 7)
DRAG DROP
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
Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-caching-policies

NEW QUESTION 185
- (Exam Topic 7)
You develop an app that allows users to upload photos and videos to Azure storage. The app uses a storage REST API call to upload the media to a blob storage account named Account1. You have blob storage containers named Container1 and Container2.
Uploading of videos occurs on an irregular basis.
You need to copy specific blobs from Container1 to Container2 when a new video is uploaded. What should you do?

A. Copy blobs to Container2 by using the Put Blob operation of the Blob Service REST API
B. Create an Event Grid topic that uses the Start-AzureStorageBlobCopy cmdlet
C. Use AzCopy with the Snapshot switch to copy blobs to Container2
D. Download the blob to a virtual machine and then upload the blob to Container2

Answer: B

Explanation:
The Start-AzureStorageBlobCopy cmdlet starts to copy a blob. Example 1: Copy a named blob
C:\PS>Start-AzureStorageBlobCopy -SrcBlob "ContosoPlanning2015" -DestContainer "ContosoArchives"
-SrcContainer "ContosoUploads"
This command starts the copy operation of the blob named ContosoPlanning2015 from the container named ContosoUploads to the container named ContosoArchives.
Reference:
https://docs.microsoft.com/en-us/powershell/module/azure.storage/start-azurestorageblobcopy?view=azurermps

NEW QUESTION 186
.....

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