

## Exam Questions AZ-202

Microsoft Azure Developer Certification Transition

<https://www.2passeasy.com/dumps/AZ-202/>



NEW QUESTION 1

- (Exam Topic 1)

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 need to ensure that the SecurityPin security requirements are met.  
Solution; Using the Azure Portal, add Data Masking to the SecurityPin column, and exclude the dbo user. Add a SQL security policy with a filter predicate based on the user identity.  
Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 2

- (Exam Topic 1)

You need to ensure the security policies are met. What code do you add at line CS07?

A)

```
-PermissionsToKeys create, encrypt, decrypt
```

B)

```
-PermissionsToKeys wrapkey, unwrapkey, get
```

C)

```
-PermissionsToCertificates wrapkey, unwrapkey, get
```

D)

```
-PermissionsToCertificates create, encrypt, decrypt
```

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

Answer: D

NEW QUESTION 3

- (Exam Topic 1)

You need to ensure that the upload format issue is resolved. What code should you add at line RU14?  
To answer, drag the appropriate code fragments to the correct locations. Each code fragment 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.

Values

SMBDeletePending

ShareBeingDeleted

HttpStatusCode.Conflict

CannotDeleteFileOrDirectory

HttpStatusCode.InternalServerError

Answer Area

return

response.StatusCode = =

&&

response.ReasonPhrase = = " " ;

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: HttpStatusCode.InternalServerError  
HttpStatusCode.InternalServerError is equivalent to HTTP status 500. InternalServerError indicates that a generic error has occurred on the server.  
Box 2: CannotDeleteFileOrDirectory  
HttpResponseMessage.ReasonPhrase Property gets or sets the reason phrase which typically is sent by servers together with the status code.

Scenario: Upload format issue

Employees occasionally report an issue with uploading a receipt using the web application. They report that when they upload a receipt using the Azure File Share, the receipt does not appear in their profile. When this occurs, they delete the file in the file share and use the web application, which returns a 500 Internal Server error page.

References:

<https://docs.microsoft.com/en-us/dotnet/api/system.net.httpstatuscode?redirectedfrom=MSDN&view=netframew>

#### NEW QUESTION 4

- (Exam Topic 1)

You need to add the Supporting Operating Systems section to the Getting Started document.

How should you complete the section? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Operating system	Supported
Windows 7	<div> <div></div> <div>No</div> <div>Yes</div> </div>
Windows 8.1	<div> <div></div> <div>No</div> <div>Yes</div> </div>
Windows 10	<div> <div></div> <div>No</div> <div>Yes</div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Scenario: Employees are provided with a getting started document when they first use the solution. The documentation includes details on supported operating systems for Azure File upload, and instructions on how to configure the mounted folder.

You can use Azure file shares on a Windows installation that is running either in an Azure VM or on-premises. The following table illustrates which OS versions support accessing file shares in which environment:

References:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows>

#### NEW QUESTION 5

- (Exam Topic 1)

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 need to ensure that the SecurityPin security requirements are met.

Solution: Enable Always Encrypted for the SecurityPin column using a certificate contained in Azure Key Vault and grant the WebAppIdentity service principal access to the certificate.

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** A

#### NEW QUESTION 6

- (Exam Topic 2)

You need to update the chatbot to greet the user when they sign in.

Which two rich card formats can you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point

- A. Thumbnail
- B. Adaptive
- C. Sign-in
- D. Hero
- E. Animation

**Answer:** AC

#### Explanation:

Scenario: The chatbot greeting interface must match the formatting of the following example:

## Welcome to the Restaurant!



**John Doe**

Sun, Aug 26, 2018

Welcome to Best For You Organics Company! How can we help you today?

**Specials:** Chicken Marsala

**Order Pickup**

**Order Delivery**

A message exchange between user and bot can contain one or more rich cards rendered as a list or carousel. The Attachments property of the Activity object contains an array of Attachment objects that represent the rich cards and media attachments within the message.

The Bot Framework currently supports eight types of rich cards:

Thumbnail Card. A card that typically contains a single thumbnail image, one or more buttons, and text.

SignIn Card. A card that enables a bot to request that a user sign-in. It typically contains text and one or more buttons that the user can click to initiate the sign-in process.

### NEW QUESTION 7

- (Exam Topic 2)

You need to implement the purchase requirement. What should you do?

- A. Use the Bot Framework REST API attachment operations to send the user's voice and the Speech Service API to recognize intents.
- B. Use the Direct line REST API to send the user's voice and the Speech Service API to recognize intents.
- C. Use the Speech Service API to send the user's voice and the Bot Framework REST API conversation operations to recognize intents.
- D. Use the Bot Framework REST API conversation operations to send the user's voice and the Speech Service API to recognize intents.

**Answer: D**

#### Explanation:

Scenario: Enable users to place an order for delivery or pickup by using their voice.

You must develop a chatbot by using the Bot Builder SDK and Language Understanding Intelligence Service (LUIS). The chatbot must allow users to order food for pickup or delivery.

The Bot Framework REST APIs enable you to build bots that exchange messages with channels configured in the Bot Framework Portal, store and retrieve state data, and connect your own client applications to your bots. All Bot Framework services use industry-standard REST and JSON over HTTPS.

The Speech Service API is used to recognize intents. References:

<https://docs.microsoft.com/en-us/azure/bot-service/rest-api/bot-framework-rest-connector-concepts?view=azure-> <https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/how-to-recognize-intents-from-speech>

### NEW QUESTION 8

- (Exam Topic 2)

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

- A. Implement simple retry by using the EnableRetryOnFailure feature of Entity Framework.
- B. Implement exponential backoff by using the EnableRetryOnFailure feature of Entity Framework.
- C. Implement the Circuit Breaker pattern by using the EnableRetryOnFailure feature of Entity Framework.
- D. Invoke accustom execution strategy in Entity Framework.

**Answer: A**

#### Explanation:

Scenario: The Delivery API intermittently throws the following exception:

```
"System.Data.Entity.Core.EntityCommandExecutionException: An error occurred while executing the command definition. See the inner exception for details. --->System.Data.SqlClient.SqlException: A transport-level error has occurred when receiving results from the server. (provider: Session Provider, error: 19 - Physical connection is not usable)"
```

A useful method to get rid of this error is to use RETRY LOGIC of Entity Framework 1.1.0 services.AddDbContext<DbContext>(options =>

options.UseSqlServer('yourconnectionstring',

...sqlServerOptionsAction: sqlOptions =>

...{

.....sqlOptions.EnableRetryOnFailure(

.....maxRetryCount: 5,

.....maxRetryDelay: TimeSpan.FromSeconds(30),

.....errorNumbersToAdd: new List<int>() { 19 }));

...}});

In Retry logic, error 19 is not included. So you have to pass the error code 19 to set retry logic for error code 19.

References:

<https://stackoverflow.com/questions/47558062/error-19-physical-connection-error/47559967>

### NEW QUESTION 9

- (Exam Topic 3)

You are developing an IoT solution.

The solution requires bidirectional communication between a client .NET application and Azure IoT hub. A



.NET back-end application will connect to the IoT Hub to process information.  
 You need to collect the values required for the back-end application to connect with the newly created IoT Hub.  
 How should you complete the commands? To answer, select the appropriate options in the answer area.

## Answer Area

az

iot

hub

▼

create

show

list

certificate

--query

properties.eventHubEndpoints.events.endpoint

--name

<iot-hub-name>

az

iot

hub

▼

create

show

list

certificate

--query

properties.eventHubEndpoints.events.path

--name

<iot-hub-name>

az

iot

hub

policy

▼

create

show

list

certificate

▼

connection-string

primaryKey

--query

primaryKey

--name

<iot-owner-name>

--hub-name

<iot-hub-name>

- A. Mastered
- B. Not Mastered

**Answer:** A

### Explanation:

Box 1: show

Event Hub-compatible endpoint

az iot hub show --query properties.eventHubEndpoints.events.endpoint --name {your IoT Hub name} Box 2: show

Event Hub-compatible name

az iot hub show --query properties.eventHubEndpoints.events.path --name {your IoT Hub name}

Box 3: show

az iot hub policy show --name iothubowner --query primaryKey --hub-name {your IoT Hub name} Box 4: primaryKey

References:

<https://github.com/Azure-Samples/azure-iot-samples-csharp/blob/master/iot-hub/Quickstarts/read-d2c-messages>

### NEW QUESTION 10

- (Exam Topic 3)

You have implemented code that uses elastic transactions spanning across three different Azure SQL Database logical servers. Database administrators report that some transactions take longer to complete than expected.

You need to use the correct tool to monitor all the transactions originating from the elastic transaction implementation. Which tool should you use?

- A. Run the sys.dm\_tran\_active\_transactions dynamic management view.

- B. Run the sys.dm\_tran\_current\_snapshot dynamic management view.
- C. Run the sys.dm\_tran\_active\_snapshot\_database\_transactions dynamic management
- D. Use the dependencies section of Azure Applications Insights.

**Answer:** A

**Explanation:**

Use Dynamic Management Views (DMVs) in SQL DB to monitor status and progress of your ongoing elastic database transactions.

These DMVs are particularly useful:

sys.dm\_tran\_active\_transactions: Lists currently active transactions and their status. The UOW (Unit Of Work) column can identify the different child transactions that belong to the same distributed transaction. All transactions within the same distributed transaction carry the same UOW value.

sys.dm\_tran\_database\_transactions: Provides additional information about transactions, such as placement of the transaction in the log.

sys.dm\_tran\_locks: Provides information about the locks that are currently held by ongoing transactions References:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-elastic-transactions-overview>

**NEW QUESTION 10**

- (Exam Topic 3)

You are developing a workflow solution using Azure technologies.

What should you Implement to meet each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement	Tool
Debug the solution by using Visual Studio.	<div> <div>▼</div> <div> Durable functions only Logic Apps only Durable functions and Logic Apps </div> </div>
Use a collection of ready-made actions.	<div> <div>▼</div> <div> Durable functions only Logic Apps only Durable functions and Logic Apps </div> </div>
Deploy the component by using Visual Studio Team Services.	<div> <div>▼</div> <div> Durable functions only Logic Apps only Durable functions and Logic Apps </div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Logic Apps only

You can manually trigger a logic app deployed in Azure from Visual Studio. On the Logic App Designer toolbar, choose Run Trigger.

To check the status and diagnose problems with logic app runs, you can review the details, such as inputs and outputs, for those runs in Visual Studio.

Box 2: Durable functions only

Box 3: Durable functions and Logic Apps References:

<https://docs.microsoft.com/en-us/azure/logic-apps/manage-logic-apps-with-visual-studio> <https://docs.microsoft.com/en-us/azure/azure-functions/durable/durable-functions-create-portal>

**NEW QUESTION 15**

- (Exam Topic 3)

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 instance count when the CPU load

**Answer:** C

**NEW QUESTION 16**

- (Exam Topic 3)

A company backs up all manufacturing data to Azure Blob Storage. Admins move blobs from hot storage to archive tier storage every month.

You must automatically move blocks to Archive tier after they have not been accessed for 180 days. The path for any item that is not archived must be placed in an existing queue. This operation must be performed automatically once a month. You set the value of TierAgeInDays to 180.

How should you configure the Logic App? To answer, drag the appropriate triggers or action blocks to the correct trigger or action slots. Each trigger or action block 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.

### Triggers and Action Blocks

**Insert Entity**

\*Table: processing

\*Entity: Path

Show advanced options

**Tier blob**

If blob is older than the defined value, tier it to Cool or Archive tier

\*Blob path: Path

\*Blob Tier: Archive

**When there are messages in a queue**

\*Queue Name: processing

Show advanced options

Connected to tableStorageAccountConnection. Change connection.

**Recurrence**

\*Interval: 1

\*Frequency: Month

Show advanced options

### Answer Area

Set tier age variable

Set tier age variable

For each

Scan all blobs in this folder

Select an output from previous steps: value

**When there are messages in a queue**

\*Queue Name: processing

Show advanced options

Connected to tableStorageAccountConnection. Change connection.

If true



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A)

```
Import-AzureRmApiManagementApi -Context $ApiMgmtContext -SpecificationFormat "Swagger"
-SpecificationPath $SwaggerPath -Path $Path
```

B)

```
New-AzureRmApiManagementBackend -Context $ApiMgmtContext -Url $Url -Protocol http
```

C)

```
New-AzureRmApiManagement -ResourceGroupName $ResourceGroup -Name $Name -Location $Location
-Organization $Org -AdminEmail $AdminEmail
```

D)

```
New-AzureRmApiManagementBackendProxy -Url $ApiUrl
```

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

**Answer:** D

### NEW QUESTION 26

- (Exam Topic 3)

You are developing a speech-enabled home automation control bot. The bot interprets some spoken words incorrectly. You need to improve the spoken word recognition for the bot. What should you implement?

- A. The Skype for Business Channel and use scorable dialogs for improving conversation flow
- B. The Skype for Business Channel and Speech priming using a LUIS app
- C. The Web Chat Channel and use scorable dialogue for improving conversation flow.
- D. The Web Chat Channel and Speech priming using a Bing Speech Service and LUIS app

**Answer:** A

#### Explanation:

Speech priming improves the recognition of spoken words and phrases that are commonly used in your bot. For speech-enabled bots that use the Web Chat and Cortana channels, speech priming uses examples specified in Language Understanding (LUIS) apps to improve speech recognition accuracy for important words. References:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-service-manage-speech-priming?view=azure-bot-service>

### NEW QUESTION 31

- (Exam Topic 3)

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

- A. TableQuery.GenerateFilterCondition("LastName", QueryComparisons.Equal, "Smith")
- B. TableQuery.GeneratefilterCondition("PartitionKey", QueryComparison
- C. Equal, "Smith")
- D. TableQue.GenerateFilterCondition("PartitionKey", Equals, "Smith")
- E. TableQuer
- F. GenerateFilterCondition("LastName", Equals, "Smith")

**Answer:** D

### NEW QUESTION 33

- (Exam Topic 3)

You have a task that includes a WebJob that should run continuously. The WebJob Log exhibit shows the text that is displayed when the WebJob runs. (Click the WebJob Log tab.)

The WebJob is configured as shown in the WebJob Configuration exhibit. (Click the WebJob Configuration tab.)

The WebJob is not functioning as expected. The WebJob Code exhibit has a comment that shows where code should be added. (Click the WebJob Code tab.)

You need to identify any issues with the WebJob.

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

Search (Ctrl+/)

+ Add Refresh Logs Delete Properties

**WebJobs**

WebJobs provide an easy way to run scripts or programs as background processes in the context of your app.

NAME	TYPE	STATUS	SCHEDULE
WebJob1	Continuous	Pending Restart	n/a

## Continuous WebJob Details WebJob1

**Pending restart**  
 Run command: WebJob1.exe

[Toggle Output](#)

Refreshed a moment ago, [refresh](#) or [download](#)

```
[08/18/2018 17:28:24 > e013ed: SYS INFO] Run script 'WebJob1.exe' with script host - 'WindowsScriptHost'
[08/18/2018 17:28:24 > e013ed: SYS INFO] Status changed to Running
[08/18/2018 17:28:25 > e013ed: INFO] WebJob Started
[08/18/2018 17:28:25 > e013ed: SYS INFO] Status changed to Success
[08/18/2018 17:28:25 > e013ed: SYS INFO] Process went down, waiting for 60 seconds
[08/18/2018 17:28:25 > e013ed: SYS INFO] Status changed to PendingRestart
```



```

12 private static Timer workTimer = new Timer();
13
14 static void Main()
15 {
16     Trace.WriteLine("WebJob Setup Starting");
17     var config = new JobHostConfiguration();
18
19     if (config.IsDevelopment)
20     {
21         config.UseDevelopmentSettings();
22     }
23
24     workTimer.Interval = TimeSpan.FromSeconds(10).TotalMilliseconds;
25     workTimer.Elapsed += WorkTimer_Elapsed;
26     workTimer.AutoReset = true;
27     workTimer.Enabled = true;
28
29     Console.WriteLine("WebJob Started");
30 }
31
32 1 reference
33 private static void WorkTimer_Elapsed(object sender, ElapsedEventArgs e)
34 {
35     Console.WriteLine("Workload Processing");
36     // TODO - Implement code
37     Trace.WriteLine("Workload Complete");
38 }

```

**Answer Area**

	Yes	No
The WebJob will run continuously as the code is written.	<input type="radio"/>	<input type="radio"/>
The text WebJob Setup Starting will output to the WebJob Logs.	<input type="radio"/>	<input type="radio"/>
The timer-elapsed code will be invoked and run at least once.	<input type="radio"/>	<input type="radio"/>
The WebJob settings are properly configured in the Azure portal.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

**Answer Area**

	Yes	No
The WebJob will run continuously as the code is written.	<input checked="" type="radio"/>	<input type="radio"/>
The text WebJob Setup Starting will output to the WebJob Logs.	<input checked="" type="radio"/>	<input type="radio"/>
The timer-elapsed code will be invoked and run at least once.	<input checked="" type="radio"/>	<input type="radio"/>
The WebJob settings are properly configured in the Azure portal.	<input type="radio"/>	<input checked="" type="radio"/>

#### NEW QUESTION 34

- (Exam Topic 3)

Your company's Internet Information Services (IIS) web server for Windows Server hosts legacy hosts legacy ASP.NET web apps. The applications do not use the Application freights SDK or APIs.

You install Application Insights on the Windows server running IE. You must use the Application Insights SDK to monitor the legacy web apps. You need to collect information about the legacy web apps. Which data class can you monitor?

- A. Dependencies
- B. Session
- C. Stack Dump
- D. Client Context

Answer: A

#### NEW QUESTION 38

- (Exam Topic 3)

You are developing a ticket reservation system for an airline.

The storage solution for the application must meet the following requirements:

- Ensure at least 99.99% availability and provide low latency.
- Accept reservations even in network outages or other unforeseen failures.
- Process reservations in the exact sequence as reservations are submitted to minimize overbooking or selling the same seat to multiple travelers.
- Allow simultaneous and out-of-order reservations with a maximum five-second tolerance window. You provision a resource group named airlineResourceGroup in in the Azure South-Central US region. You need to provision a SQL API Cosmos DB account to support the app.

How should you complete the Azure CLI commands? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
resourceGroupName='airlineResourceGroup'
name='docdb-airline-reservations'
databaseName='docdb-tickets-database'
collectionName='docdb-tickets-collection'
consistencyLevel=
az cosmosdb create \
  --name $name \
  --enable-virtual-network true \
  --enable-automatic-failover true \
  --kind 'GlobalDocumentDB' \
  --kind 'MongoDB' \
  --resource-group $resourceGroupName \
  --max-interval 5 \
  'southcentralus'
  'eastus'
  'southcentralus=0 eastus=1 westus=2'
  'southcentralus=0'
```

Strong  
Eventual  
ConsistentPrefix  
BoundedStaleness

--enable-virtual-network true \  
--enable-automatic-failover true \  
--kind 'GlobalDocumentDB' \  
--kind 'MongoDB' \

--resource-group \$resourceGroupName \  
--max-interval 5 \

'southcentralus'  
'eastus'  
'southcentralus=0 eastus=1 westus=2'  
'southcentralus=0'

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```
resourceGroupName='airlineResourceGroup'
name='docdb-airline-reservations'
databaseName='docdb-tickets-database'
collectionName='docdb-tickets-collection'
consistencyLevel=
az cosmosdb create \
  --name $name \
  --enable-virtual-network true \
  --enable-automatic-failover true \
  --kind 'GlobalDocumentDB' \
  --kind 'MongoDB' \
  --resource-group $resourceGroupName \
  --max-interval 5 \
  'southcentralus'
  'eastus'
  'southcentralus=0 eastus=1 westus=2'
  'southcentralus=0'
```

Strong  
Eventual  
ConsistentPrefix  
BoundedStaleness

--enable-virtual-network true \  
--enable-automatic-failover true \  
--kind 'GlobalDocumentDB' \  
--kind 'MongoDB' \

--resource-group \$resourceGroupName \  
--max-interval 5 \

'southcentralus'  
'eastus'  
'southcentralus=0 eastus=1 westus=2'  
'southcentralus=0'

#### NEW QUESTION 43

- (Exam Topic 3)



You are reviewing the following code for an Azure Function. The code is called each time an item is added to a queue. The queue item is a JSON string that deserializes into a class named WorkItem. (Line numbers are included for reference only.)

```
01 public static async Task QueueItemReceived(string queueItem, ILogger log)
02 {
03     CloudStorageAccount storageAccount = CloudStorageAccount.Parse(ConnectionString);
04     CloudFileClient fileClient = storageAccount.CreateCloudFileClient();
05     CloudFileShare share = fileClient.GetShareReference(fileContainerName);
06     if (await share.ExistsAsync())
07     {
08         var workItem = JsonConvert.DeserializeObject<WorkItem>(queueItem);
09         CloudFileDirectory rootDir = share.GetRootDirectoryReference();
10         CloudFileDirectory importDir = rootDir.GetDirectoryReference("import");
11         CloudFile file = importDir.GetFileReference(workItem.FileName);
12         if (!file.Metadata.ContainsKey(workItem.AttributeName))
13         {
14             file.Metadata.Add(workItem.AttributeName, $"{workItem.AttributeValue}");
15             file.Metadata.Add("Timestamp", $"{DateTime.UtcNow.ToFileTime().ToString()}");
16             ProcessFile(workItem);
17         }
18         else
19         {
20             log.LogInformation($"Metadata key {workItem.AttributeName} already exists on item {workItem.FileName}");
21         }
22         await file.SetMetadataAsync();
23     }
24     log.LogInformation($"processed: {queueItem}");
25 }
26 public class WorkItem
27 {
28     public string FileName {get; set;}
29     public string AttributeName {get; set;}
30     public string AttributeValue {get; set;}
31 }
```

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 properly set and save metadata using <code>AttributeName</code> as the metadata key, and <code>AttributeValue</code> as the metadata value	<input type="radio"/>	<input type="radio"/>
If metadata with the same key exists on the file in Azure, the function will properly load the metadata and only log an error, keeping the existing value and timestamp on the file in Azure.	<input type="radio"/>	<input type="radio"/>
Changing line 12 to the following causes the code on line 19 to run when Azure already contains a file with a matching name, and metadata with a key matching <code>workItem.AttributeName</code>	<input type="radio"/>	<input type="radio"/>

```
if (await file.ExistsAsync() &&
!file.Metadata.ContainsKey(workItem.AttributeName))
```

- A. Mastered  
 B. Not Mastered

Answer: A

#### Explanation:

Box 1: Yes

The following code example sets metadata on a container. One value is set using the collection's Add method. public static async Task AddContainerMetadataAsync(CloudBlobContainer container)

```
{
// Add some metadata to the container. container.Metadata.Add("docType", "textDocuments"); container.Metadata["category"] = "guidance"; Scenario:
```

```
file.Metadata.Add(workItem.AttributeName, $"{workItem.AttributeValue}");
```

Box 2: No

It would not load the metadata Box 3: Yes

#### NEW QUESTION 44

- (Exam Topic 3)

You are creating a collaborative image hosting platform as an ASP.NET MVC web application. Users add, update, and modify images on the platform. Images are stored in Azure Blob storage.

More than one user at a time must be able to modify the same image. You need to implement optimistic concurrency for uploading images.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: Each correct solution is worth one point.

#### Actions

#### Answer Area

Retrieve an image blob from the storage service.  
 The response includes an HTTP ETag Header value that identifies the current version of the image(Blob).

Check response headers. If the status code equals 200, notify that it is a success. If the code is 412m notify the user about a conflicting change.

When you upload the image, include the ETag in the If-None-Match conditional header of the PUT BLOB request.



Store the ETag of the blob for further use, and let the user make the necessary modifications to the image.

When you upload the image, include the ETag in the If-Match conditional header of the PUT BLOB request.



A. Mastered

B. Not Mastered

**Answer:** A

#### Explanation:

Optimistic concurrency means allowing concurrency conflicts to happen, and then reacting appropriately if they do.

For the PUT method, If-Match can be used to prevent the lost update problem. It can check if the modification of a resource that the user wants to upload will not override another change that has been done since the original resource was fetched. If the request cannot be fulfilled, the 412 (Precondition Failed) response is returned.

References:

<https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/If-Match>

#### NEW QUESTION 45

- (Exam Topic 3)

You are developing an online order website that uses Azure Durable Functions- You develop the following processes for the website:



Process	Requirements
Add items to the shopping cart.	<ul style="list-style-type: none"> <li>Check inventory to see if an item is in stock.</li> <li>If the item is in stock, add the item to the cart.</li> <li>If the item is not in stock, display a message to the user.</li> </ul>
Delete items from the shopping cart.	<ul style="list-style-type: none"> <li>If the item count is greater than zero, display a warning message to the user.</li> <li>If the user selects the continue option, decrease the item count in the cart and refresh the display of the cart.</li> <li>If the user selects the cancel operation, display the cart.</li> <li>If the item count is zero, remove the item from the cart.</li> </ul>
Complete checkout processes.	<ul style="list-style-type: none"> <li>Confirm order information, including quantities and shipment method.</li> <li>Collect billing information.</li> <li>Collect shipping information.</li> <li>Finalize the purchase.</li> </ul>

You need to identify what types of functions to use for each step of the process.

Which function types should you use? To answer, drag the appropriate function types to the correct operations. Each function 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.

You need to identify what types of functions to use for each step of the process.

Which function types should you use? To answer, drag the appropriate function types to the correct operations. Each function 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.

Function types

Activity

Orchestrator

Client

Answer Area

Operation

The system checks inventory to determine if the item is in stock.

The system adds the item to the cart if the item is in stock.

The user clicks the checkout button.

The system collects billing information and completes the checkout process.

Function type

function type

function type

function type

function type

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Function types

Activity

Orchestrator

Client

Answer Area

Operation

The system checks inventory to determine if the item is in stock.

The system adds the item to the cart if the item is in stock.

The user clicks the checkout button.

The system collects billing information and completes the checkout process.

Function type

Client

Orchestrator

Orchestrator

Activity

#### NEW QUESTION 46

- (Exam Topic 3)

You are developing an SMS-based testing solution. The solution sends users a question by using SMS. Early responders may qualify for prizes.

Users must respond with an answer choice within 90 seconds. You must be able to track how long it takes each user to respond.

You create a durable Azure Function named SendSmsQuizQuestion that uses Twilio to send messages. You need to write the code for MessageQuiz.

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



## Answer Area

```
[FunctionName("MessageQuiz")]
public static async Task<bool> Run([OrchestrationTrigger] DurableOrchestrationContext context)
{
    string phoneNumber = context.GetInput<string>();
    int correctAnswerCode = await context.CallActivityAsync<int>("SendSmsQuizQuestion", phoneNumber);
    using (var cts = new CancellationTokenSource())
    {
        

DateTime expiration = DateTime.UtcNow;  

        DateTime expiration = DateTime.UtcNow.AddSeconds(90);  

        DateTime expiration = DateTime.Now();  

        DateTime expiration = context.CurrentUtcDateTime.AddSeconds(90);



var timeoutTask = context.CallActivityAsync<DateTime>("timeout", expiration);  

        var timeoutTask = context.CreateTimer(expiration, cts.Token);  

        var timeoutTask = context.WaitForExternalEvent("timeout", 90000);  

        var timeoutTask = context.CallSubOrchestratorAsync("timeout", expiration);


        bool isWinner = false
        for (int retryCount = 0; retryCount <= 3; retryCount++)
        {
            Task<int> challengeResponseTask = context.WaitForExternalEvent<int>("SmsQuizResponse");
            Task winner = await Task.WhenAny(challengeResponseTask, timeoutTask);
            if (winner == challengeResponseTask)
            {
                if (challengeResponseTask.Result == correctAnswerCode)
                {
                    isWinner = true;
                    break;
                }
            }
            else
            {
                break;
            }
        }
        

if (!timeoutTask.IsCompleted)  

        if (!timeoutTask.IsCanceled)  

        if (!context.IsReplaying)  

        if (!cts.IsCancellationRequested)


        {
            cts.Cancel();
        }
        return isWinner;
    }
}
```

- A. Mastered
- B. Not Mastered

Answer: A

### Explanation:

Box 1: DateTime expiration = context.CurrentUtcDateTime.AddSeconds(90);



The user has 90 seconds to respond with the code they received in the SMS message. Box 2:var timeoutTask = context.CreateTimer(expiration, ctx.Token);  
Create a timer.  
Box 3: if(!timeoutTask.IsCompleted)  
All pending timers must be complete or canceled before the function exits. References:  
https://github.com/Azure/azure-functions-durable-extension/blob/master/samples/precompiled/PhoneVerificatio

NEW QUESTION 51

- (Exam Topic 3)  
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 have the following resource groups:

Resource group	Comments
DevServer_WestCentralUS	This resource group is located in the West Central US region and contains a single virtual machine (VM) named DevServer.  DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.
Workstation_EastUS	This resource group is located in the East US region and contains a VM named DevWorkstation.  DevWorkstation is connected to a subnet in a Virtual Network and is configured with a public IP address. A network security group has been configured to allow public incoming remote desktop protocol (RDP) connections to the DevWorkstation.

Developers must conned to DevServer only through DevWorkstation. To maintain security, DevServer must not accept connections (rom the internet).  
You need to create a private connection between the DevWorkstation and DevServer.  
Solution: Configure a VNet-to-VNet VPN connection between the two private Virtual Networks using VPN gati allow connectivity between the DevServer and the DevWorkstation using their private IP addresses.  
Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 52

- (Exam Topic 3)  
Contoso. Ltd. provides an API to customers by using Azure API Management (ARM). The API authorizes users with a JWT token  
You must implement response caching for the APIM gateway. The caching mechanism must detect the user ID of the client that accesses data for a given location and cache the response for that user ID.  
You need to add the following policies to the policies file:  
• a set-variable policy to store the detected user identity  
• a cache-lookup-value policy  
• a cache-store-value policy  
• a find-and-replace policy to update the response body with the user profile information  
To which policy section should you add the policies? To answer, drag the appropriate sections to the correct policies. Each section may be used once, more than once, or not at all.  
You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Code segments

Inbound

Outbound

Answer Area

Policy

Set-variable

Cache-lookup-value

Cache-store-value

Find-and-replace

Section

code segment

code segment

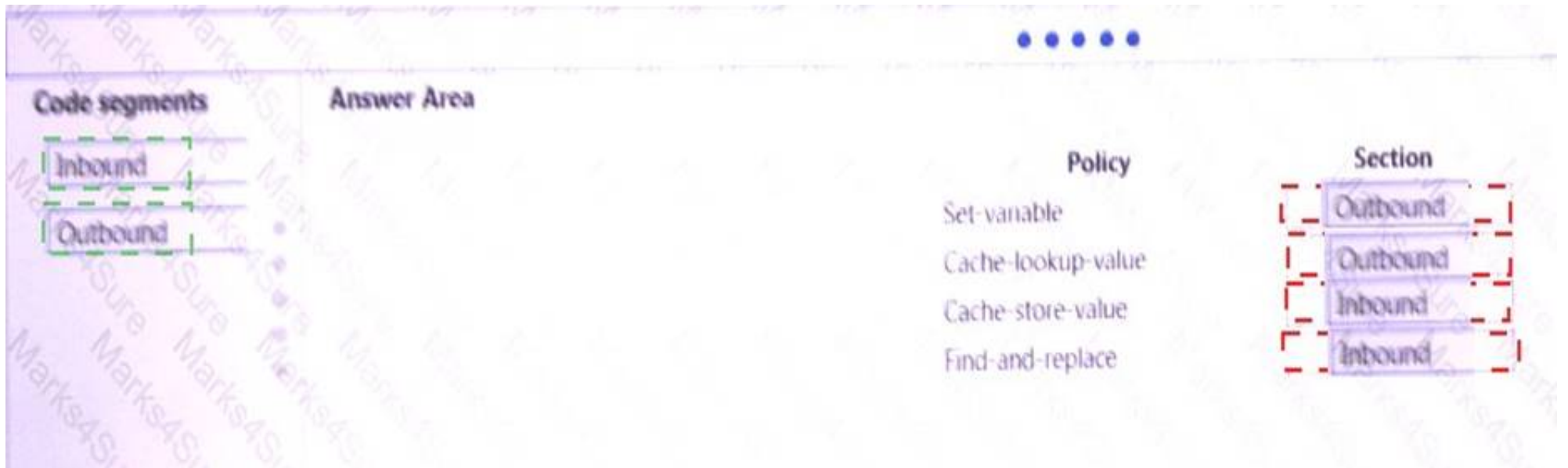
code segment

code segment

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



#### NEW QUESTION 57

- (Exam Topic 3)

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 using various criteria to local domains 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 Search Parameters class.

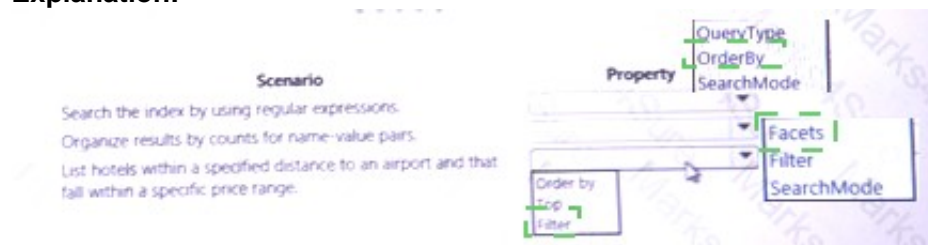
Which properties should you configure? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



#### NEW QUESTION 61

- (Exam Topic 3)

A company is migrating an existing on-premises third-party website to Azure. The website is stateless. The company does not have access to the source code for the website. They do have the original installer. The number of visitors at the website varies throughout the year.

The on-premises infrastructure was resized to accommodate peaks but the extra capacity was not used. You need to implement a virtual machine scale set instance.

What should you do?

- A. Use only default diagnostics metrics to trigger autoscaling.
- B. Create 100 autoscale settings per resource.
- C. Scale out by one instance when the average CPU usage of one of the instances is over 80 percent
- D. Use Azure Monitor to create autoscale settings using custom metrics

Answer: D

Explanation:

Azure Monitor autoscaling allows you to scale the number of running instances up or down, based on telemetry data (metrics).

References:

<https://docs.microsoft.com/en-us/azure/monitoring-and-diagnostics/insights-autoscale-common-metrics>

#### NEW QUESTION 62

- (Exam Topic 3)

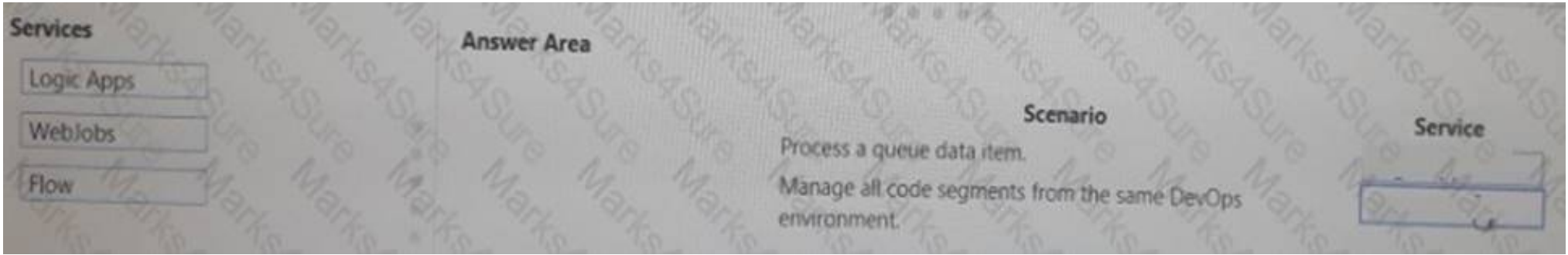
You have a web app named MainApp. You are developing a triggered App Service background task by using the WebJobs SDK. This task automatically invokes a function in the code whenever any new data is received in a queue.

You need to configure the services.

Which service should you use for each scenario? To answer, drag the appropriate services to the correct scenarios. Each service may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

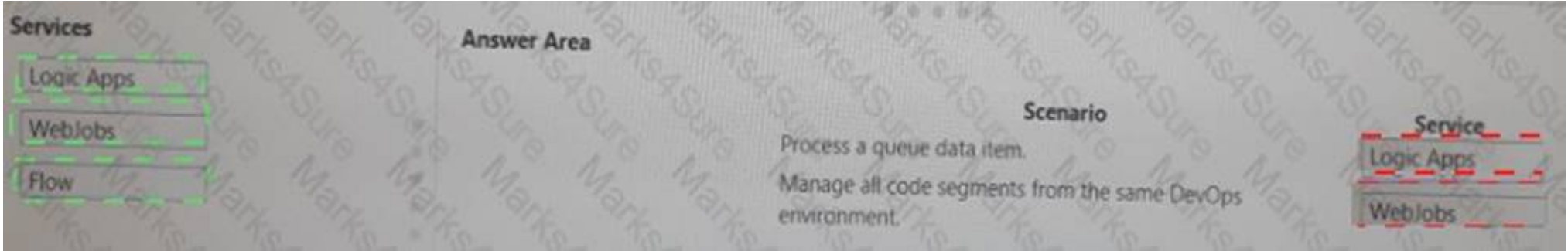




- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 66

- (Exam Topic 3)

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 playerId, 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 an Id based on the series title.

You have the following code. (Line numbers are included for reference only.)

```
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 }
```

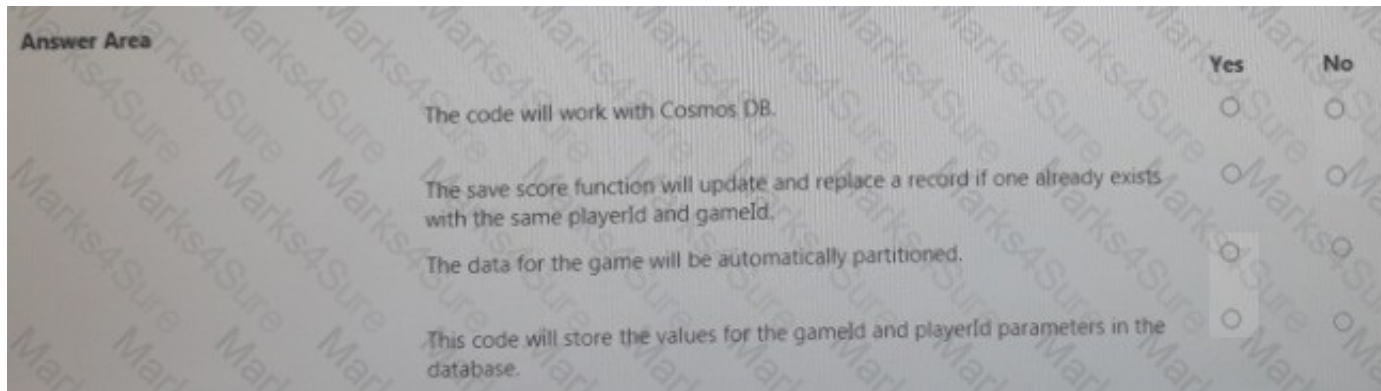
You store customer information in an Azure Cosmos database. The following data already exists in the database:

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

You develop the following code. (Line numbers are included for reference only.)

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

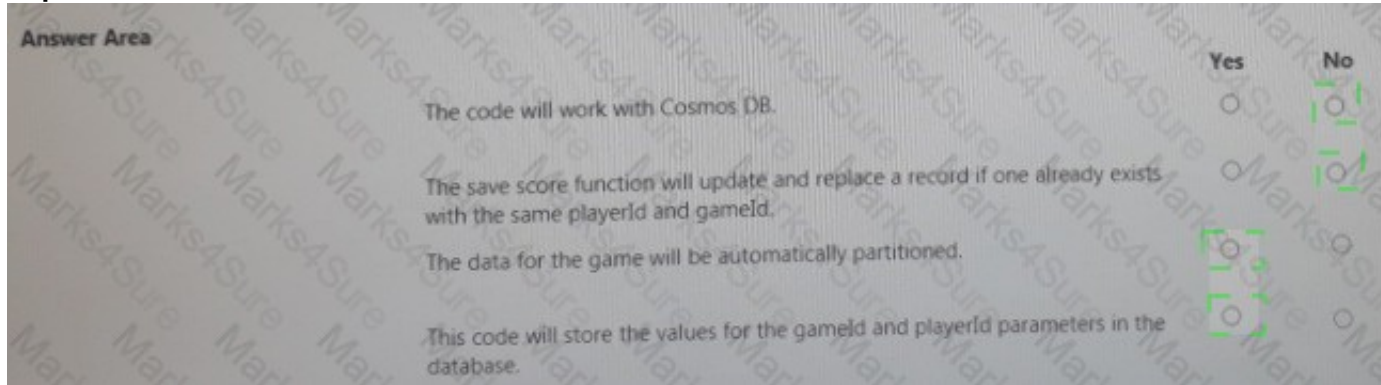
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



#### NEW QUESTION 67

- (Exam Topic 3)

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 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. No
- B. Yes

**Answer:** B

#### NEW QUESTION 68

- (Exam Topic 3)

You are creating an IoT solution using Azure Time Series Insight.

You configure the environment to ensure that all data for the current year is available What should you do?

- A. Change the pricing tier.
- B. Add a disaster recovery (DR) strategy.
- C. Set a value for the Data Retention time setting.
- D. a reference data

**Answer:** C

**Explanation:**

The data is retained in Time Series Insights based on the selected retention days or maximum limits. Retention is configurable in the Azure portal. The longest allowable retention period is a rolling year of 12 months + 1 month, which is defined as 400 days.

References:

<https://azure.microsoft.com/en-us/pricing/details/time-series-insights/>

#### NEW QUESTION 69

- (Exam Topic 3)

You are developing a stateful service to deploy to Azure Service Fabric. You plan to implement the RunAsync method.

You need to implement the methods to interface with an instance of the IReliable dictionary interface to increment a count each time the service is called. The first time the service is called, you must initialize the count to 1 if it does not yet exist and then update it by one each time it is called.

Which three methods should you run in sequence. To answer, move the appropriate methods from the list of methods to the answer area and arrange them in the correct order.

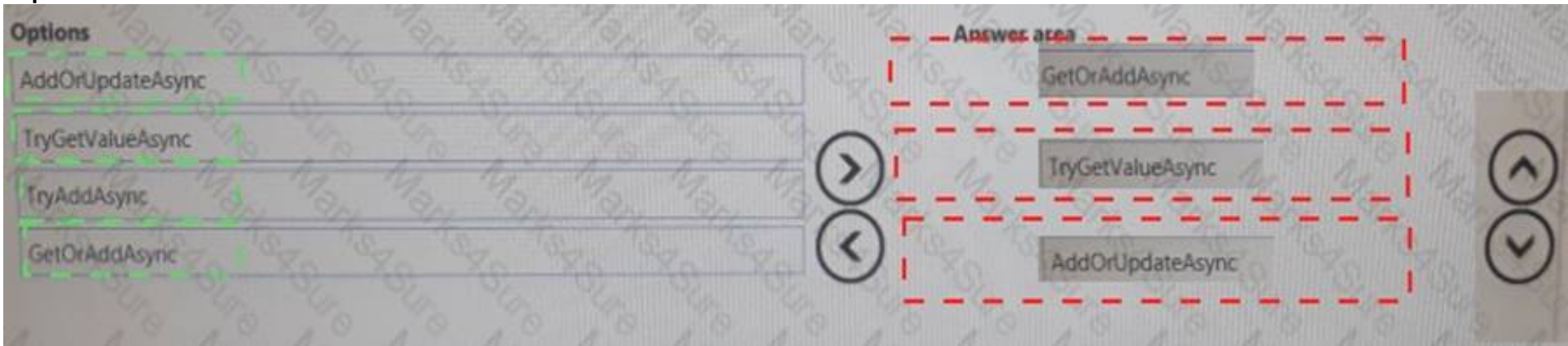




- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 71

- (Exam Topic 3)

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 are see that messages are being sent to the subscription for each topic. You create a subscription client object by supplying the correct details, but the subscription application is still not consuming the messages.

You need to complete the source code of the subscription client. What should you do?

A)

```
subscriptionClient = new SubscriptionClient(ServiceBusConnectionString, TopicName, SubscriptionName);
```

B)

```
await subscriptionClient.AddRuleAsync(new RuleDescription(RuleDescription.DefaultRuleName, new TrueFilter()));
```

C)

```
await subscriptionClient.CloseAsync();
```

D)

```
subscriptionClient.RegisterMessageHandler(ProcessMessagesAsync, messageHandlerOptions);
```

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

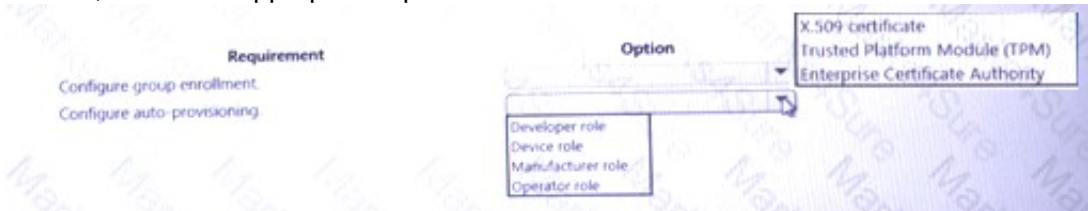
Answer: A

NEW QUESTION 76

- (Exam Topic 3)

You are developing an Azure IoT Hub Device Provisioning Service as a helper service. You configure zero-touch device provisioning to an lot Hub. All devices are exactly. You need to configure auto-provisioning for millions of devices in a secure and scalable manner with group enrollment and roles. What 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:**



#### NEW QUESTION 79

- (Exam Topic 3)

You are developing an internal website for employees to view sensitive data. The website uses Azure Active Directory (AAD) for authentication. You need to implement multifactor authentication for the website.

What should you do? Each correct answer presents part of the solution. NOTE; Each correct selection is worth one point.

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

**Answer:** CE

#### NEW QUESTION 80

- (Exam Topic 3)

You are expanding an existing on-premises application to connect to several applications in the cloud. You have the following requirements:

- Automate various business processes and send data to multiple SaaS and
- Use workflows and a publish-subscribe model
- Prohibit changes to the on-premises application You need to create a solution.

What should you use?

- A. Azure Service Bus
- B. Azure Web Apps
- C. Logic Apps with Azure Event Grid
- D. Azure Service Fabric

**Answer:** C

#### NEW QUESTION 84

- (Exam Topic 3)

A company uses Azure SQL Database to store data for an app. The data includes sensitive information.

You need to implement measures that allow only members of the managers group to see sensitive information. Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Navigate to the following URL:

```
PUT https://management.azure.com/subscriptions/00000000-1111-2222-3333-444444444444
/resourceGroups/rq01/providers/Microsoft.Sql/servers/server01/databases/customers
/transparentDataEncryption/current?api-version=2014-04-01
```

- B. Exclude the managers group.
- C. Include the managers group.
- D. Run the following Azure PowerShell command:

```
New-AzureRmSqlDatabaseDataMaskingRule -SchemaName "dbo" -TableName "customers" `
-ColumnName "ssn" -MaskingFunction "Default"
```

- E. Exclude the administrators group.

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

**Answer:** BD

**Explanation:**

Dynamic data masking helps prevent unauthorized access to sensitive data by enabling customers to designate how much of the sensitive data to reveal with



minimal impact on the application layer.  
SQL users excluded from masking - A set of SQL users or AAD identities that get unmasked data in the SQL query results.  
Note: The New-AzureRmSqlDatabaseDataMaskingRule cmdlet creates a data masking rule for an Azure SQL database.  
References:  
https://docs.microsoft.com/en-us/powershell/module/azurermsql/new-azurermsqldatabasedatamaskingrule?view

NEW QUESTION 89

- (Exam Topic 3)  
You plan to create a Docker image that runs an ASP.NET Core application named ContosoApp. You have a setup script named setupScript.ps1 and a series of application files including ContosoApp.dll.  
You need to create a Dockertile document that meets the following requirements:

- Call setupScript.ps1 when the container is built.
- Run ContosoApp.dll when the container starts.

The Dockerfile document must be created in the same folder where ContosoApp.dll and setupScript.ps1 are stored.  
Which four commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Commands

RUN powershell ./setupScript.ps1

CMD ["dotnet", "ContosoApp.dll"]

WORKDIR /apps/ContosoApp

CMD powershell ./setupScript.ps1

ENTRYPOINT ["dotnet", "ContosoApp.dll"]

EXPOSE ./ContosoApp/ /apps/ContosoApp

FROM microsoft/aspnetcore:2.0

COPY ./

Answer area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Commands

RUN powershell ./setupScript.ps1

CMD ["dotnet", "ContosoApp.dll"]

WORKDIR /apps/ContosoApp

CMD powershell ./setupScript.ps1

ENTRYPOINT ["dotnet", "ContosoApp.dll"]

EXPOSE ./ContosoApp/ /apps/ContosoApp

FROM microsoft/aspnetcore:2.0

COPY ./

Answer area

NEW QUESTION 93

- (Exam Topic 3)  
A company has a series of mobile games on Azure with an online community. The moderators need to filter offens.ve text, and additional .terns such as  
The company wants to implement a solution using Azure Content Moderation. You need to select API or Azure service options for the solution.  
Which two APIs or Azure service should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Azure Bot Service
- B. Custom Term List API
- C. Language Understanding Intelligence System (LUIS) API
- D. Text Moderation API
- E. Text Analytics API

Answer: CD

NEW QUESTION 98

- (Exam Topic 3)  
You develop software solutions for a web services company. You have the following code. (Line numbers are for reference only.)

```

01 public class MessageController : ApiController
02 {
03     public async Task<HttpResponseMessage> Post([FromBody]Activity activity)
04     {
05         if (activity.GetActivityType() == ActivityTypes.Message)
06         {
07             await Conversation.SendAsync(activity, () => new Dialogs.RootDialog());
08         }
09     }
10     else
11     {
12         HandleSystemMessage(activity);
13     }
14     var response = Request.CreateResponse(HttpStatusCode.OK);
15     return response;
16 }
17 [Serializable]
18 public class RootDialog : IDialog<object>
19 {
20     public class RootDialog : IDialog<object>
21     {
22         context.Wait(MessageReceivedAsync);
23         return Task.CompletedTask;
24     }
25     public virtual async Task MessageReceivedAsync (IDialogContext context, IAwaitable<IMessageActivity> result)
26     {
27         var message = await result;
28         if (message.Text.ToLower().Contains("help") || message.Text.ToLower().Contains ("support"))
29         {
30             await context.Forward(new SupportDialog(), this.ResumeAfterSupportDialog, message);
31         }
32         else
33         {
34             await context.PostAsync($ "Hello. I can help you with the following keywords : help | support");
35             context.Wait (MessageReceivedAsync);
36         }
37     }
38     private async Task ResumeAfterSupportDialog(IDialogContext context, IAwaitable<object> result)
39     {
40         try
41         {
42             var message = await result;
43         }
44         finally
45         {
46             context.Wait(this.MessageReceivedAsync);
47         }
48     }
49 }

```

You need to implement an immediate response customer support solution for the company's website. 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

A child dialog will handle any messages that contain the word **support**. ☐

☐

RootDialog will return to the top of the stack after SupportDialog handles a request ☐

☐

A. Mastered



B. Not Mastered

**Answer:** A

**Explanation:**

Yes

No

A child dialog will handle any messages that contain the word **support**.

☐
☐

RootDialog will return to the top of the stack after SupportDialog handles a request

☐
☐

#### NEW QUESTION 102

- (Exam Topic 3)

You develop a solution that uses an Azure SQL Database to store user information for a mobile app. The app stores sensitive information about users.

You need to hide sensitive information from developers that query the data for the mobile app.

Which three items must you identify when configuring dynamic data masking? Each correct answer presents a part of the solution.

NOTE: Each correct selection is worth one point.

- A. Column
- B. Table
- C. Trigger
- D. Schema
- E. Index

**Answer:** ABD

**Explanation:**

In the Dynamic Data Masking configuration page, you may see some database columns that the recommendations engine has flagged for masking. In order to accept the recommendations, just click Add Mask for one or more columns and a mask is created based on the default type for this column. You can change the masking function by clicking on the masking rule and editing the masking field format to a different format of your choice.

SCHEMA	TABLE	COLUMN	
SalesLT	Customer	FirstName	ADD MASK
SalesLT	Customer	LastName	ADD MASK
SalesLT	Customer	EmailAddress	ADD MASK
SalesLT	Customer	Phone	ADD MASK
SalesLT	CustomerAddress	AddressID	ADD MASK

References:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-dynamic-data-masking-get-started-portal>

## NEW QUESTION 106

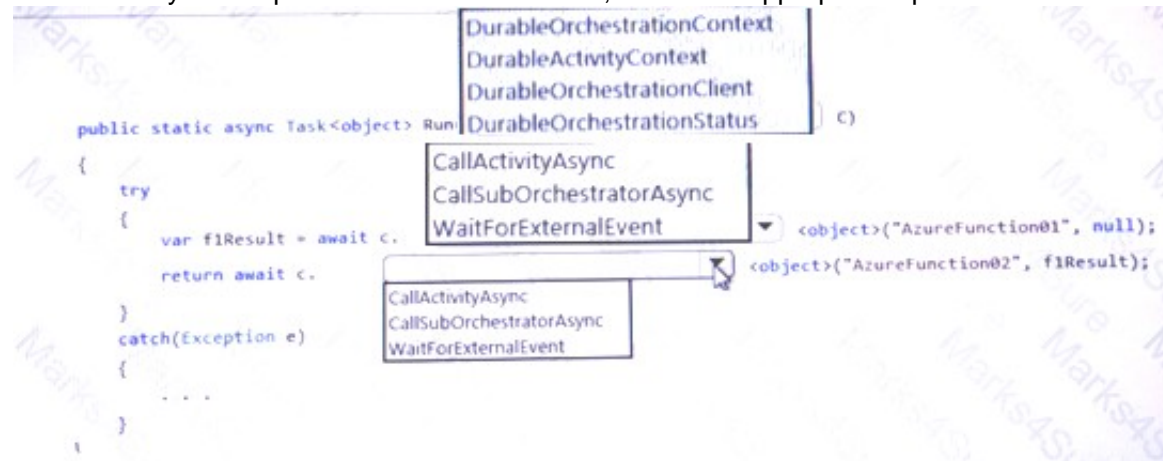
- (Exam Topic 3)

You are developing a solution that requires serverless code execution in Azure.

The solution has two functions that must run in a specific order.

You need to ensure that the second function can use the output from the first function,

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

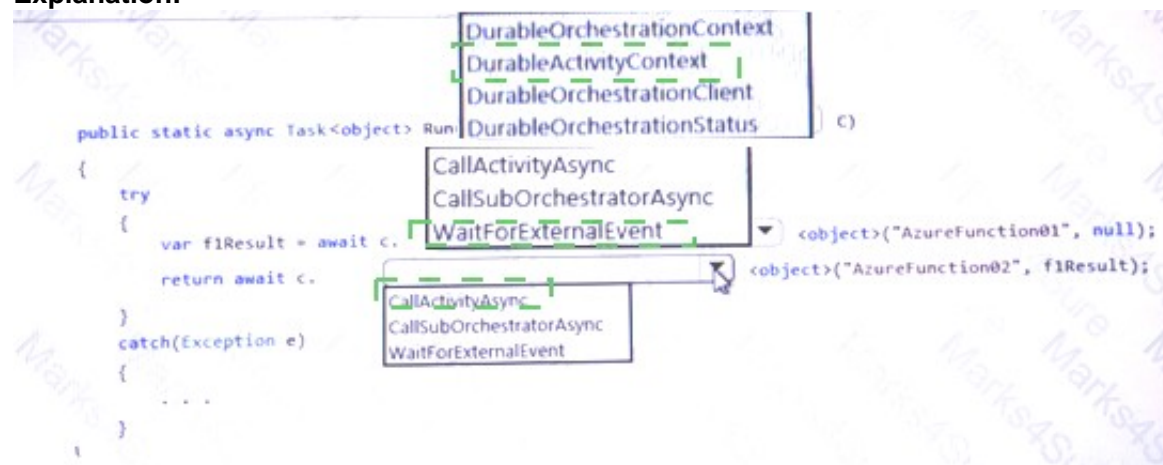


A. Mastered

B. Not Mastered

Answer: A

Explanation:



## NEW QUESTION 110

- (Exam Topic 3)

You develop an IoT solution by using Node.js. The solution is ready to deploy to the production environment.

You must implement the device twin capabilities of Azure IoT Hub. You must register a sensor named Sensor00. The IoT Hub name is Hub01.

You need to register the endpoint with ContosoHub01 so that you can configure them from your solution. Which four commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

## Answer Area

```
npm install azure-iot-hub
--save
```

```
npm install azure-iot-device azure-iot-device-
mqtt
--save
```

```
az extension add
--name azure-cli-iot-ext
```

```
az iot hub show-connection-string
--name {Sensor00}
--output table
```

```
az iot hub device-identity create
--hub name {Hub01}
--device-id Sensor00
```

```
az iot hub show-connection-string
--name {Hub01}
--output table
```

```
az iot hub device-identity show-connection-
string
--hub-name {Hub01}
--device-id Sensor00
--output table
```



- A. Mastered
- B. Not Mastered

**Answer:** A

### Explanation:

Step 1: az extension add --name azure-cli-iot-ext

Run the following command in the command-line environment where you are using the Azure CLI to install the IoT extension:

az extension add --name azure-cli-iot-ext Step 2: az iot hub device-identity create

--hub-name {Hub01}

--device-id Sensor00

Create a new device identity called myDeviceId and retrieve the device connection string with these commands:

az iot hub device-identity create --device-id myDeviceId --hub-name {Your IoT Hub name}

az iot hub device-identity show-connection-string --device-id myDeviceId --hub-name {Your IoT Hub name}

-o table

Step 3: az iot hub device-identity show-connection-string

--hub-name {Hub01}

--device-id Sensor00

--output table Step 4:

Create the service app

In this section, you create a Node.js console app that adds location metadata to the device twin. npm install azure-iot-hub --save

References:

<https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-node-node-twin-getstarted>

### NEW QUESTION 115

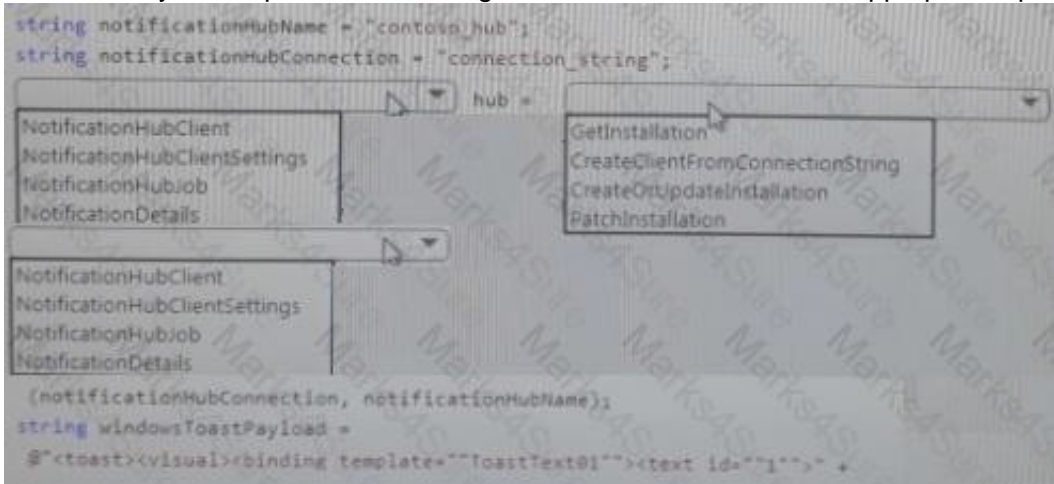
- (Exam Topic 3)

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.



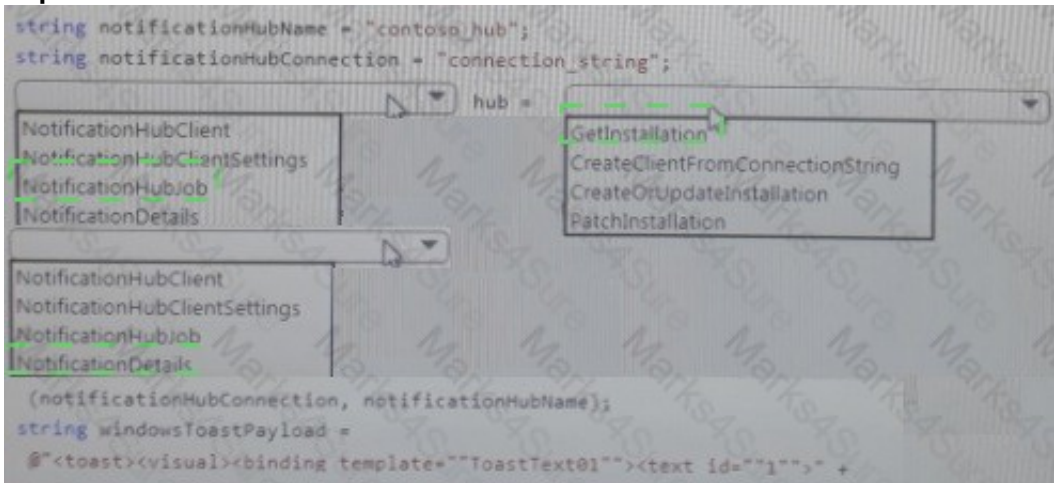
How should you complete the code segment? To answer, select the appropriate options in the answer area. NOTE: Each connect selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 118

- (Exam Topic 3)

You manage a web application that is hosted in multiple Azure regions. The application uses Azure Append blobs to store audit logs. Each hosted instance of the application maintains its own audit logs.

You have a central Append blob that serves as a master record of all audit logs. The master audit log is updated on a schedule to include all local copies from each region. The local copies are then discarded.

You need to append each of the local audit logs to the master audit log. Which method should you use?

- A. Start-AzureStorageBlobCopy PowerShell command
- B. Append Block operation of the Azure Storage Services REST API
- C. Copy Blob operation of the Azure Storage Services REST API
- D. AzCopy tool with the /BlobType:Append parameter

Answer: B

NEW QUESTION 120

- (Exam Topic 3)

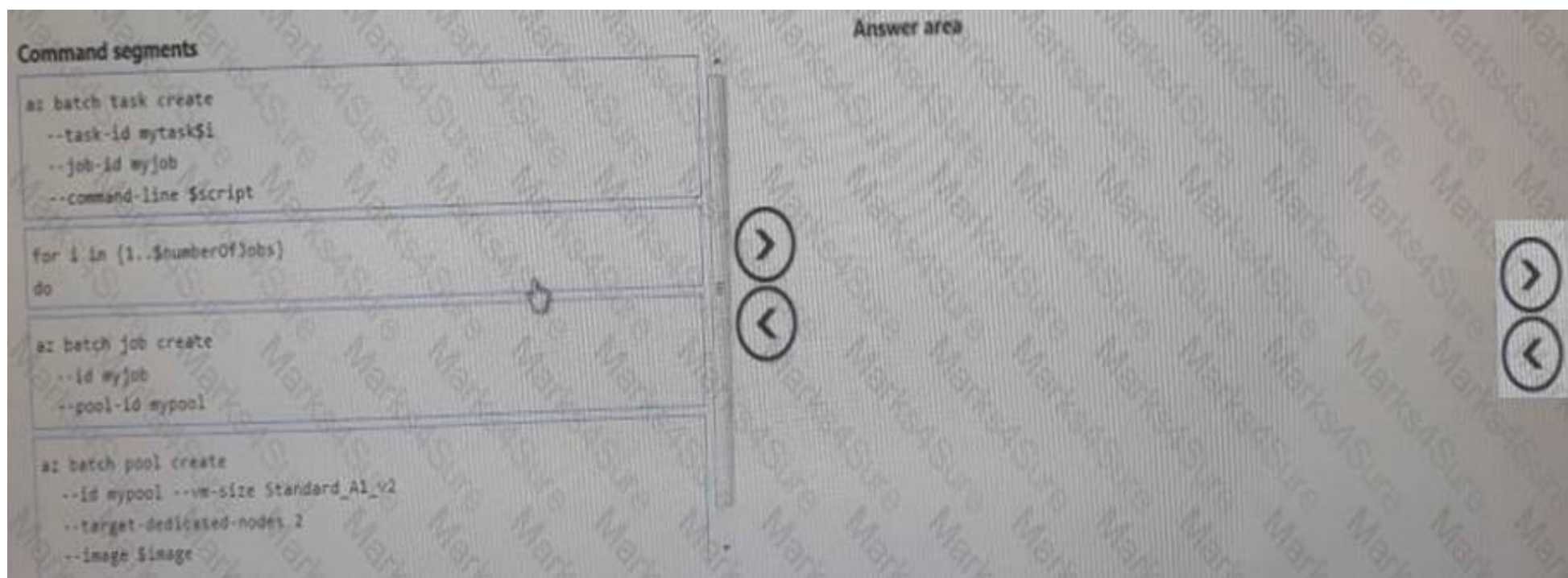
You are creating a script that will run a large workload on an Azure Batch pool. Resources will be reused and do not need to be cleaned up after use.

You have the following parameters:

Parameter name	Description
\$script	the script that will run across the batch pool
\$image	the image that pool worker processes will use
\$sku	the node agent SKU Id
\$numberOfJobs	the number of jobs to run

You need to write an Azure CU script that will create the jobs, tasks, and the pool.

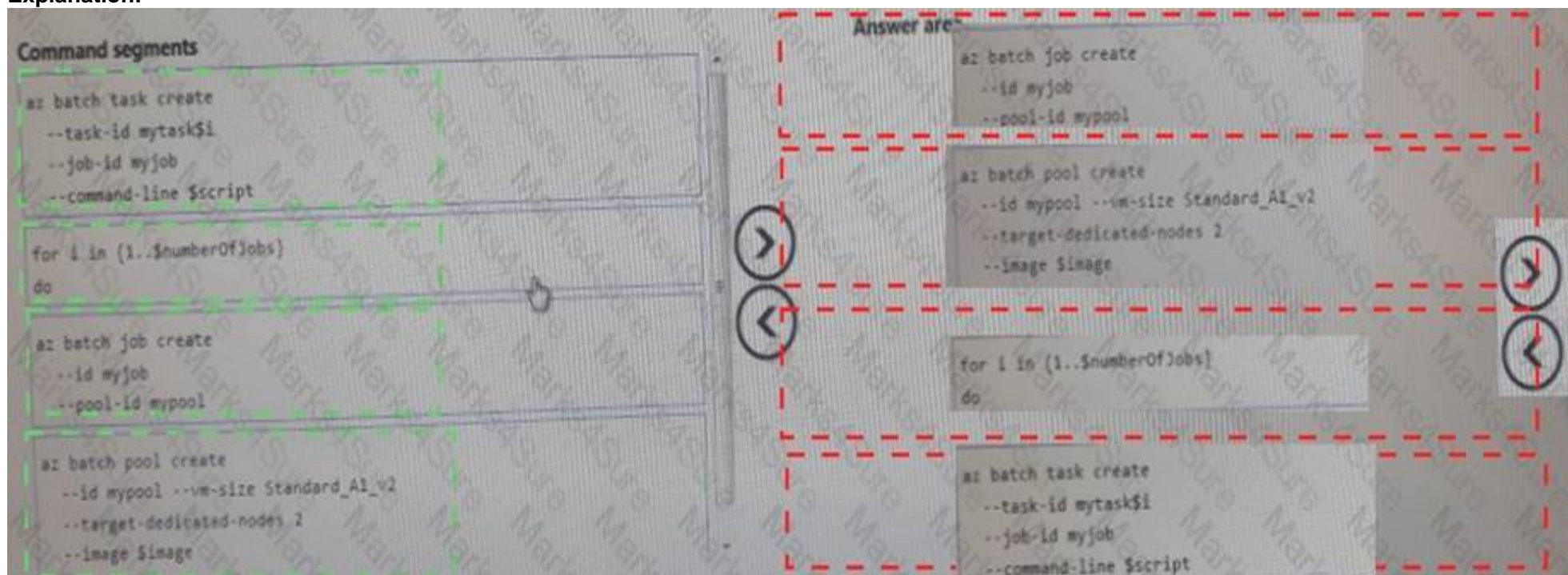
In which order should you arrange the commands to develop the solution? To answer, Move the appropriate commands from the list of command segments to the answer area and arrange them in the correct order.



- A. Mastered  
B. Not Mastered

Answer: A

Explanation:



#### NEW QUESTION 122

- (Exam Topic 3)

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 develop an entertainment application where users can buy and trade virtual real estate. The application must scale to support thousands of users.

The current architecture includes five Azure Virtual Machines (VM) that connect to an Azure SQL Database for account information and Azure Table Storage for backend services. A user interacts with these components in the cloud at any given time

- Routing Service – Routes a request to the appropriate service and must not persist data across sessions
- Account Service – Stores and manages all account information and authentication and requires data to persist across sessions.
- User Service – Stores and manages all user information and requires data to persist across sessions.
- Housing Network Service – Stores and manages the current real-estate economy and requires data to persist across sessions.
- Trade Service – Stores and manages virtual trade between accounts and requires data to persist across sessions.

Due to volatile user traffic, a microservices solution is selected for scale agility.

You need to migrate to a distributed microservices solution on Azure Service Fabric. Solution: Deploy a Windows container to Azure Service Fabric for each component. Does the solution meet the goal?

- A. YES  
B. NO

Answer: B

Explanation:

We should use stateful services when we want data to persist, and stateless service when data must not persist. <https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-reliable-services-introduction> References:

<https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-reliable-services-introduction>

#### NEW QUESTION 127

- (Exam Topic 3)

You are developing a .NET Core Web Job that is triggered by an Azure Storage Queue.

The project uses dependency injection from the NuGet package Microsoft.Extensions.DependencyInjection. The Webjob logic is contained in the Worker class.



The program.cs file contains the following code:

```
static void Main()
{
    var sc = new ServiceCollection();
    sc.AddSingleton<Worker>();
    var sp = sc.BuildServiceProvider();
    var jobHostConfig = new JobHostConfiguration()
    {
        JobActivator = new Helper(sp),
    };
    var host = new JobHost(jobHostConfig);
    host.RunAndBlock();
}
```

You need to ensure that the Worker class can run when an Azure Storage Queue message arrives.

Which code segments should you use to 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.

Code Segments

- JobActivator
- IServiceProvider
- IExtensionRegistry
- IExtensionConfigProvider
- ITriggeredFunctionExecutor

Answer Area

```

public class Helper : Code segment
{
    private readonly Code segment _x;
    public Helper( Code segment x)
    {
        this._x = x;
    }
    public T CreateInstance<T>()
    {
        return this._x.GetService<T>();
    }
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Code Segments

- JobActivator
- IServiceProvider
- IExtensionRegistry
- IExtensionConfigProvider
- ITriggeredFunctionExecutor

Answer Area

```

public class Helper : IExtensionRegistry
{
    private readonly JobActivator _x;
    public Helper( ITriggeredFunctionExecutor x)
    {
        this._x = x;
    }
    public T CreateInstance<T>()
    {
        return this._x.GetService<T>();
    }
}
```

#### NEW QUESTION 128

- (Exam Topic 3)

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 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 an IndexBatch that contains the documents which must be added.
3. Call the DocumentsIndex method of the SearchIndexClient and pass the IndexBatch. Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 131

- (Exam Topic 3)

A company is developing a solution that allows smart refrigerators to send temperature information to a central location.

The solution must receive and store messages until they can be processed. You create an Azure Service Bus instance by providing a name, pricing tier, subscription, resource group, and location.

You need to complete the configuration.

Which Azure CLI on PowerShell command should you run?

A)

```
New-AzureRmServiceBusQueue
-ResourceGroupName fridge-rg
-NamespaceName fridge-ns
-Name fridge-q
-EnablePartitioning $false
```

B)

```
az group create
--name fridge-rg
--location fridge-loc
```

C)

```
Get-AzureRmServiceBusKey
-ResourceGroupName fridge-rg
-Namespace fridge-ns
-Name RootManageSharedAccessKey
```

D)

```
az servicebus namespace create
--resource-group fridge-rg
--name fridge-ns
--location fridge-loc
```

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

**Answer: D**

#### NEW QUESTION 134

- (Exam Topic 4)

You need to meet the scaling requirement for Policy Service. What should you store in Azure Redis Cache?

- A. HttpContext.Items
- B. ViewState
- C. Session state
- D. TempData

**Answer: C**

#### NEW QUESTION 138

- (Exam Topic 4)

You need to ensure that PolicyLib requirements are met.

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.



**Code segments**

- Process
- Initialize
- telemetry.Sequence
- ITelemetryProcessor
- ITelemetryInitializer
- telemetry.Context
- EventGridController.EventId.Value
- ((EventTelemetry)telemetry).Properties["EventId"]

**Answer Area**

```

public class IncludeEventId :
{
    public void
    (ITelemetry telemetry)
    {
        .Properties["EventId"] =
    }
}
        
```

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

**Code segments**

- Process
- Initialize
- telemetry.Sequence
- ITelemetryProcessor
- ITelemetryInitializer
- telemetry.Context
- EventGridController.EventId.Value
- ((EventTelemetry)telemetry).Properties["EventId"]

**Answer Area**

```

public class IncludeEventId :
{
    public void
    (ITelemetry telemetry)
    {
        .Properties["EventId"] =
    }
}
        
```

#### NEW QUESTION 143

- (Exam Topic 4)

You need to ensure that the solution can meet the scaling requirements for Policy Service. Which Azure Application Insights data model should you use?

- A. an Application Insights metric  
B. an Application Insights dependency  
C. an Application Insights trace  
D. an Application Insights event

Answer: D

#### NEW QUESTION 147

- (Exam Topic 4)

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 need to ensure that authentication events are triggered and processed according to the policy. Solution: Create a new Azure Event Grid topic and add a subscription for the events.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Use a separate Azure Event Grid topics and subscriptions for sign-in and sign-out events.  
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.

NEW QUESTION 151

- (Exam Topic 5)  
You need to deploy a new version of the LabelMaker application.  
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. NOTE: Each correct selection is worth one point.

Actions

Restart the cluster.

Create an alias of the image with the a new build number.

Build a new application image by using msbuild.

Create an alias of the image with the fully qualified path to the registry.

Build a new application image by using dockerfile.

Download the image to your local computer.

Log in to the registry and push image.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Build a new application image by using dockerfile  
Step 2: Create an alias if the image with the fully qualified path to the registry  
Before you can push the image to a private registry, you've to ensure a proper image name. This can be achieved using the docker tag command. For demonstration purpose, we'll use Docker's hello world image, rename it and push it to ACR.  
# pulls hello-world from the public docker hub  
\$ docker pull hello-world  
# tag the image in order to be able to push it to a private registry  
\$ docker tag hello-word <REGISTRY\_NAME>/hello-world  
# push the image  
\$ docker push <REGISTRY\_NAME>/hello-world  
Step 3: Log in to the registry and push image  
In order to push images to the newly created ACR instance, you need to login to ACR form the Docker CLI. Once logged in, you can push any existing docker image to your ACR instance.  
Scenario:  
Coho Winery plans to move the application to Azure and continue to support label creation. LabelMaker app  
Azure Monitor Container Health must be used to monitor the performance of workloads that are deployed to Kubernetes environments and hosted on Azure Kubernetes Service (AKS).  
You must use Azure Container Registry to publish images that support the AKS deployment.  
References:  
<https://thorsten-hans.com/how-to-use-a-private-azure-container-registry-with-kubernetes-9b86e67b93b6> <https://docs.microsoft.com/en-us/azure/container-registry/container-registry-tutorial-quick-task>



#### NEW QUESTION 153

- (Exam Topic 5)

You need to troubleshoot the order workflow.

What should you do? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Review the run history.
- B. Review the trigger history.
- C. Review the API connections.
- D. Review the activity log.

**Answer:** BD

#### Explanation:

Scenario: The order workflow fails to run upon initial deployment to Azure.

Deployment errors arise from conditions that occur during the deployment process. They appear in the activity log.

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-audit>

#### NEW QUESTION 154

- (Exam Topic 5)

You need to access user claims in the e-commerce web app\* What should you do first?

- A. Update the e-commerce web app to read the HTTP request header values.
- B. Assign the Contributor RBAC role to the e-commerce web app by using the Resource Manager create role assignment API.
- C. Write custom code to make a Microsoft Graph API call from the e-commerce web app.
- D. Using the Azure CU enable Cross-origin resource sharing (CORS) from the e-commerce checkout API to the e-commerce web app

**Answer:** C

#### NEW QUESTION 156

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