

AZ-201 Dumps

Microsoft Azure Developer Advanced Solutions

<https://www.certleader.com/AZ-201-dumps.html>



NEW QUESTION 1

You need to resolve the language processing issue.

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.

Actions

- Publish the LUIS app.
- Train the LUIS app.
- Add new utterances and entities.
- Create a new LUIS app.
- Add new intents.
- Add the Azure Search provider to the bot.
- Add names for Italian cuisine to Azure Search.

Answer area

Answer:

Explanation:

Actions

- Publish the LUIS app.
- Train the LUIS app.
- Add new utterances and entities.
- Create a new LUIS app.
- Add new intents.
- Add the Azure Search provider to the bot.
- Add names for Italian cuisine to Azure Search.

Answer area

- Create a new LUIS app.
- Train the LUIS app.
- Publish the LUIS app.

NEW QUESTION 2

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 meet the vendor notification requirement

Solution: Update the Delivery API to send emails by using a cloud based email service.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 3

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

- A. Implement simple retry by using the Enable Retry On Failure feature of Entity framework.
- B. Implement exponential back off by using the EnableRetryOnFailure feature of Entity Framework,
- C. Implement the Circuit Breaker pattern by using the Enable Retry On Failure feature of Entity Framework.
- D. Invoke accustom execution strategy in Entity Framework.

Answer: A

NEW QUESTION 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 meet the vendor notification requirement.

Solution: Configure notifications in the Azure API Management instance. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation: Use a custom outbound Azure API Management policy. Scenario:

If a vendor is nearing the number of calls or bandwidth limit, the API must trigger email notifications to the vendor.

(API usage must not exceed 5,000 calls and 50,000 kilobytes of bandwidth per hour per vendor.)

References:

<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-policies>

NEW QUESTION 5

You need to debug the user greeting issue. What should you use?

- A. Bot Framework Channel Inspector
- B. Bot Connector service
- C. Azure Compute Emulator
- D. Azure Application Insights
- E. Bot Framework Emulator

Answer: E

Explanation: Scenario: The chatbot's greeting does not show the user's name. You need to debug the chatbot locally. Debug your bot using an integrated development environment (IDE) such as Visual Studio or Visual Studio

Code and the Bot Framework Emulator. You can use these methods to debug any bot locally.

References:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-service-debug-bot?view=azure-bot-service-4.0>

NEW QUESTION 6

You need to update the Inventory API.

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

Development

Tool

Technology

ADO.NET

Entity Framework

Entity Framework Core

WCF Data Services

Workflow

Model first

Database first

Code first

Answer:

Explanation: Scenario: The Inventory API must be written by using ASP.NET Core and Node.js. Box 1: Entity Framework Core

Box 2: Code first References:

<https://docs.microsoft.com/en-us/aspnet/mvc/overview/getting-started/getting-started-with-ef-using-mvc/creatin>

NEW QUESTION 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 need to meet the vendor notification requirement

Solution: Update the Delivery API to send emails by using a Microsoft Office 365 SMTP server. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 8

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals.

You need to ensure that authentication events are triggered and processed according to the policy.

Solution: Ensure that sign out events have a subject prefix. Create an Azure Event Grid subscription that uses the subject Begins With filter.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 9

You need to resolve the Policy Loss issue.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Add an Azure Event Hu
- B. Send the policy to the event hu
- C. Configure the Policy service to read actions from the event hub.
- D. Add an Azure Service Bus queu
- E. Send the policy to the queu
- F. Configure the Policy service to read actions from the queue.
- G. Add an Azure Queue storage queu
- H. Send the policy to the queu
- I. Configure the Policy service to read actions from the queue.
- J. Add an Azure Service Bus topi
- K. Send the policy to the topi
- L. Configure the Policy service to read actions from the topic.

Answer: BD

NEW QUESTION 10

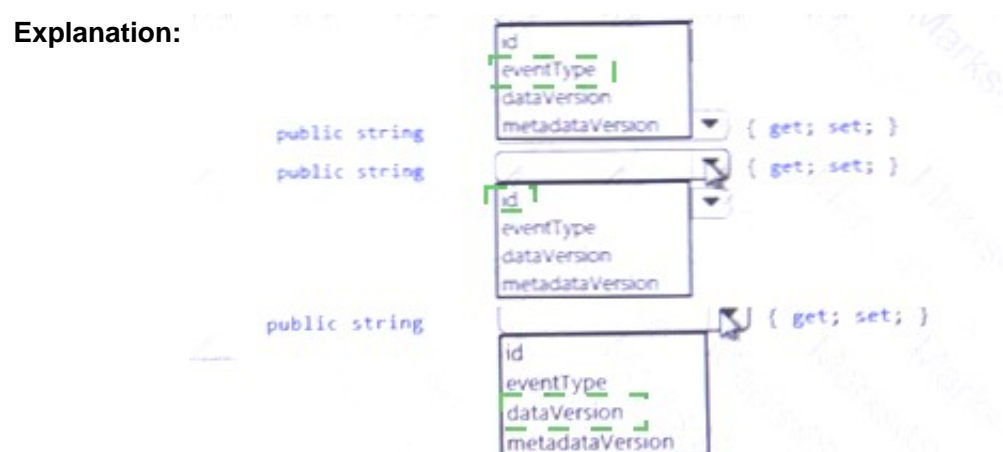
You need to tool code at line LE03 of Login Event to ensure that all authentication events are processed correctly. How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 10

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.

The screenshot shows the 'Code segments' list on the left and the 'Answer Area' on the right. The 'Code segments' list includes: Process, Initialize, telemetry.Sequence, ITelemetryProcessor, ITelemetryInitializer, telemetry.Context, EventGridController.EventId.Value, and ((EventTelemetry)telemetry).Properties["EventId"]. The 'Answer Area' shows a C# code snippet for the 'IncludeEventId' class, with a 'code segment' dropdown menu open, showing 'Process' as the selected option.

Answer:

Explanation:

The screenshot shows the 'Code segments' list on the left and the 'Answer Area' on the right. The 'Code segments' list includes: Process, Initialize, telemetry.Sequence, ITelemetryProcessor, ITelemetryInitializer, telemetry.Context, EventGridController.EventId.Value, and ((EventTelemetry)telemetry).Properties["EventId"]. The 'Answer Area' shows a C# code snippet for the 'IncludeEventId' class, with a 'code segment' dropdown menu open, showing 'Process' as the selected option.

NEW QUESTION 15

You need to resolve a notification latency issue.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point

- A. Ensure that the Azure Function is using an App Service plan.
- B. Set Always On to false
- C. Ensure that the Azure Function is set to use a consumption plan.
- D. Set Always On to true.

Answer: AD

Explanation: Azure Functions can run on either a Consumption Plan or a dedicated App Service Plan. If you run in a dedicated mode, you need to turn on the Always On setting for your Function App to run properly. The Function runtime will go idle after a few minutes of inactivity, so only HTTP triggers will actually "wake up" your functions. This is similar to how WebJobs must have Always On enabled.

Scenario: Notification latency: Users report that anomaly detection emails can sometimes arrive several minutes after an anomaly is detected.

Anomaly detection service: You have an anomaly detection service that analyzes log information for anomalies. It is implemented as an Azure Machine Learning model. The model is deployed as a web service.

If an anomaly is detected, an Azure Function that emails administrators is called by using an HTTP WebHook. References:

<https://github.com/Azure/Azure-Functions/wiki/Enable-Always-On-when-running-on-dedicated-App-Service-PI>

NEW QUESTION 18

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

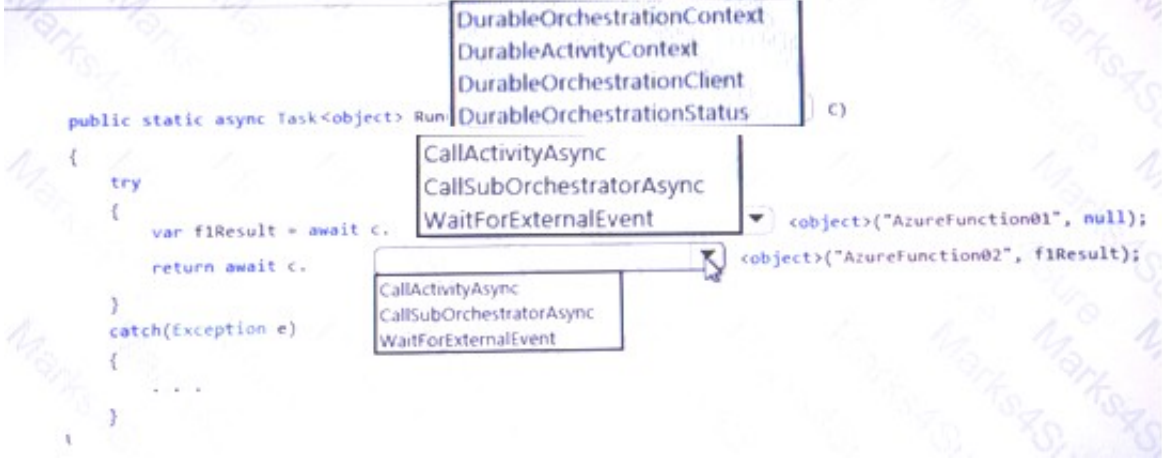
- A. an Application Insights metric
- B. an Application Insights dependency
- C. an Application Insights trace
- D. an Application Insights event

Answer: D

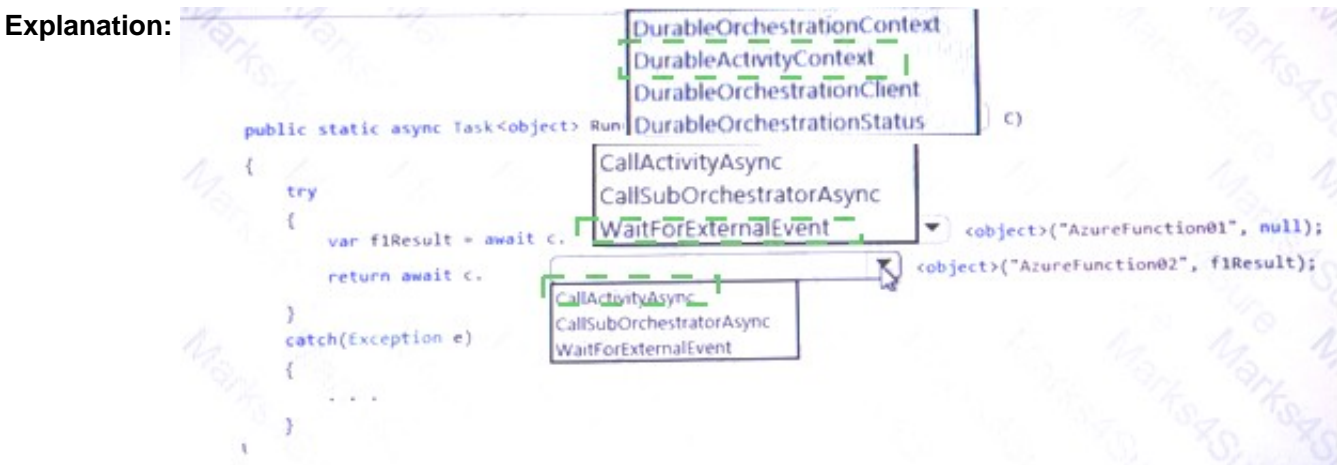
Explanation: Topic 3, Mix Questions

NEW QUESTION 20

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.



Answer:



NEW QUESTION 22

You develop a bot by using Language Understanding Intelligence Service (LUIS) and the .NET Bot framework. You use LUIS in the Azure portal to optimize the bot. You review the utterances and determine that users are requesting time and venue information for events. You need to improve the prediction efficiency of the bot. 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

Create an intent for each event type.

Add a pattern

Create a Pattern.any entity.

Add example utterances.

Create a List entity.

Answer Area

Answer:

Explanation: Step 1: Create an intent for each event type Identify your intents
Step 2: Add example utterances
Create example utterances for each intent Step 3: Create a List Entity
Identify your entities
A list entity is an explicitly specified list of values. Each value consists of one or more synonyms. In a travel app, you might choose to create a list entity to represent airport names.

References:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-how-plan-your-app>

NEW QUESTION 23

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

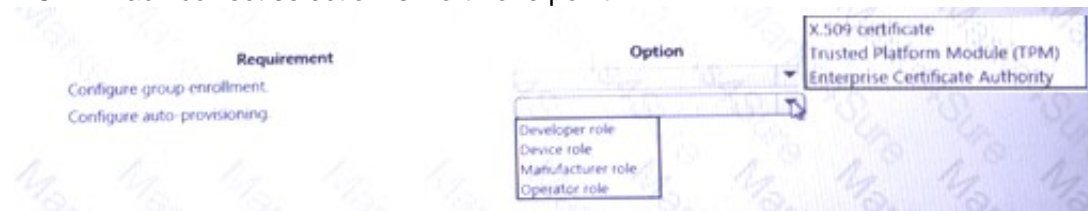
Answer: A

NEW QUESTION 26

You are developing an Azure IoT Hub Device Provisioning Service as a helper service. You configure zero

-touch device provisioning to an IoT Hub. All devices are exactly the same. 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.



Answer:

Explanation:



NEW QUESTION 30

A company has an app that records and processes videos. New videos are recorded daily. The videos are displayed on the company website the day after they are recorded. The company runs several servers that process data and encode the videos. The processing servers use FFmpeg and proprietary software to encode and convert the videos.

The company plans to migrate the app to Azure. Azure Batch must be used to process videos. Each task must run a command and output the result to a file on a destination storage account.

You create and assign values to the following variables:

```
batchAccountUrl, batchAccountName, batchAccountKey, and poolId.
```

You are reviewing code to create tasks in Azure Batch. (Line numbers are included for reference only.)


```
01 public List<CloudTask> StartTasks(List<FileTask> fileTasks, string jobId, string outputContainerSasUrl)
02 {
03     BatchSharedKeyCredentials sharedKeyCredentials =
04         new BatchSharedKeyCredentials(batchAccountUrl, batchAccountName, batchAccountKey);
05     List<CloudTask> tasks = new List<CloudTask>();
06     using (BatchClient batchClient = BatchClient.Open(sharedKeyCredentials))
07     {
08         CloudJob job = batchClient.JobOperations.CreateJob();
09         job.Id = jobId;
10         job.PoolInformation = new PoolInformation { PoolId = poolId };
11         job.Commit();
12         fileTasks.ForEach((fileTask) =>
13         {
14             string taskId = $"Task{DateTime.Now.ToFileTimeUtc().ToString()}";
15             CloudTask task = new CloudTask(taskId, fileTask.Command);
16             List<OutputFile> outputFileList = new List<OutputFile>();
17             OutputFileBlobContainerDestination outputContainer = new OutputFileBlobContainerDestination(outputContainerSasUrl);
18             outputFileList.Add(new OutputFile(fileTask.Output,
19                 new OutputFileDestination(outputContainer), new OutputFileUploadOptions(OutputFileUploadCondition.TaskSuccess)));
20             task.OutputFiles = outputFileList;
21             tasks.Add(task);
22         });
23     }
24     return tasks;
25 }
26 public class FileTask
27 {
28     public string Command { get; set; }
29     public string Output { get; set; }
30 }
```

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
This code uploads the file after the task process exits, regardless of the exit code.	<input type="radio"/>	<input type="radio"/>
The code generates a job for each fileTask.	<input type="radio"/>	<input type="radio"/>
The code stores the resulting file in outputContainer.	<input type="radio"/>	<input type="radio"/>
You must move line 15 to 11 to ensure that outputFileList is not reset for each task.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

	Yes	No
This code uploads the file after the task process exits, regardless of the exit code.	<input checked="" type="radio"/>	<input type="radio"/>
The code generates a job for each fileTask.	<input checked="" type="radio"/>	<input type="radio"/>
The code stores the resulting file in outputContainer.	<input type="radio"/>	<input checked="" type="radio"/>
You must move line 15 to 11 to ensure that outputFileList is not reset for each task.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 32

Member of the finance department for a company review and make changes to a Microsoft Excel workbook that is hosted on OneDrive. The workbook contains projected costs and revenue for a project.

You need to develop an Azure Function that ingests data from the modified workbook and place it into a Microsoft Word document.

Which two objects should you implement? Each correct answer presents part of the solution. NOTE: Each connect selection is worth one point.

- A. An Excel table input binding
- B. An auth token input binding

- C. An Excel table output binding
- D. A group subscription
- E. A group conversation subscription

Answer: AD

Explanation: Azure Functions supports trigger, input, and output bindings for external files. These bindings create API connections to SaaS providers, or use existing API connections from your Function App's resource group.

References:

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-external-file>

NEW QUESTION 33

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
- ☐ ServiceProvider
- ☐ 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>();
    }
}
```

Answer:

Explanation:

Code Segments

- ☒ JobActivator
- ☒ ServiceProvider
- ☒ IExtensionRegistry
- ☒ IExtensionConfigProvider
- ☒ ITriggeredFunctionExecutor

Answer Area

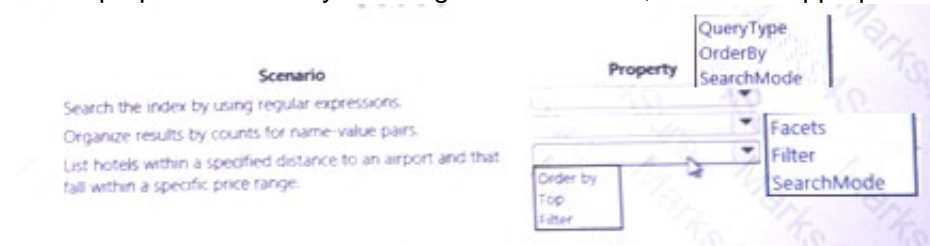
```
public class Helper : IExtensionRegistry
{
    private readonly JobActivator _x;
    public Helper( ITriggeredFunctionExecutor x)
    {
        this._x = x;
    }
    public T CreateInstance<T>()
    {
        return this._x.GetService<T>();
    }
}
```

NEW QUESTION 35

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:

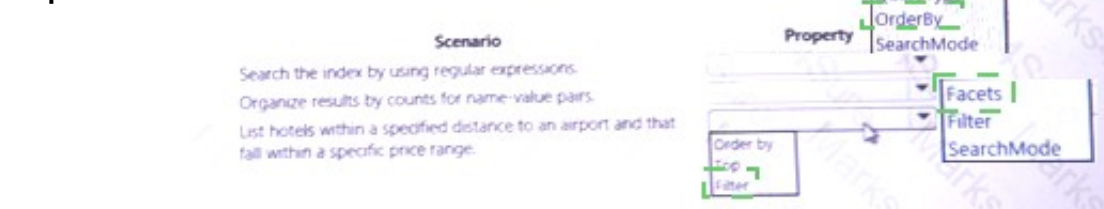
- Search the index by using regular expressions.
- Organize results by counts for name-value pairs.
- List hotels within a specified distance to an airport and that fall within a specific price range. You need to configure the Search Parameters class.

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



Answer:

Explanation:



NEW QUESTION 38

You host an on-premises ASP.NET Web API at the company headquarters. The Web API is consumed by applications running at the company's branch offices using the Azure Relay service. All the users of the applications are on the same Azure Active Directory (Azure AD).

You need to ensure that the applications can consume the Web API. What should you do?

- Create separate Azure AD groups named Senders and Receiver
- In Access Control (IAM) for the Relaynamespace, assign Senders the Reader role and assign Receivers the Reader role.
- Create dedicated Azure AD identities named Sender and Receive
- Assign Sender the Azure AD Identity Reader rol
- Assign Receiver the Azure AD Identity Reader rol
- Configure applications to use the respective identities.
- Create a Shared Access policy for the namespac
- Use a connection string in Web API and use a different connection string in consumer applications.
- Create a Shared Access policy for Send permissions and another for Receive permissions.

Answer: C

Explanation: To begin using Service Bus messaging entities in Azure, you must first create a namespace with a name that is unique across Azure. A namespace provides a scoping container for addressing Service Bus resources within your application.

When you publish an application through Azure Active Directory Application Proxy, you create an external URL for your users to go to when they're working remotely. This URL gets the default domain yourtenant.msapproxy.net.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/application-proxy-configure-custom-doma>

NEW QUESTION 43

You are developing a project management service by using ASP.NET. The service hosts conversations, files, to-do lists, and a calendar that users can interact with at any time.

The application uses Azure Search for allowing users to search for keywords in the project data.

You need to implement code that creates the object which is used to create indexes in the Azure Search service.

Which two objects should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- SearchService
- SearchIndexClient
- SearchServiceClient
- SearchCredentials

Answer: CD

NEW QUESTION 45

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?

- Run the sys.dm_tran_active_transactions dynamic management view.
- Run the sys.dm_tran_current_snapshot dynamic management view.
- 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 47

You are developing a NET Core on premises application that updates multiple Azure SQL Database instances. The application must log all update commands attempted to a separate Azure SQL Database instance named AuditDb.

You define an outer TransactionScope with a loop to enumerate and run the SQL commands on each customer database connection and an inner TransactionScope to record transactions attempted within the outer TransactionScope to the AuditDb database.

You need to develop a method to perform the updates to the databases. The solution must meet the following requirements:

- All rows written to the AuditDb database must be committed even if the outer transaction fails.
- If an error occurs writing to the AuditDb database, the outer transaction must be rolled back.
- If an error occurs writing to the Customer databases, only the outer transaction must be rolled back.
- Values for TransactionScopeOption must be specified for the customer databases.
- Values for TransactionScopeOption must be specified for the AuditDb database. Which TransactionScopeOption values should you use?

- A. Suppress for CustomerTranScopeOption and Required for AuditTranScopeOption
- B. Required for the CustomerTranScopeOption and RequiresNew for the AuditTranScopeOption
- C. RequiresNew for the CustomerTranScopeOption and RequiresNew for the AuditTranScopeOption
- D. RequiresNew for CustomerTranScopeOption and Suppress for AuditTranScopeOption


Answer: A

NEW QUESTION 51

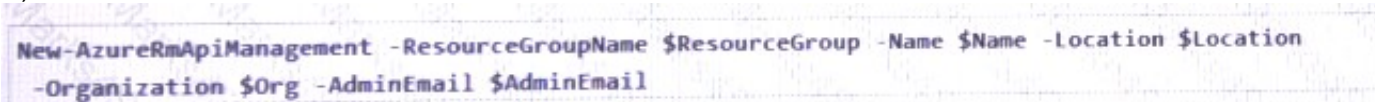
You develop a gateway solution for a public facing news API. The news API back end is implemented as a RESTful service and uses an OpenAPI specification.

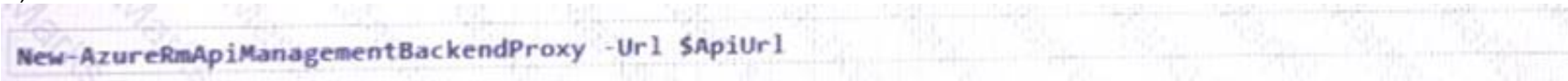
You need to ensure that you can access the news API by using an Azure API Management service instance.

Which Azure PowerShell command should you run?

A)


B)


C)


D)


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

Answer: D

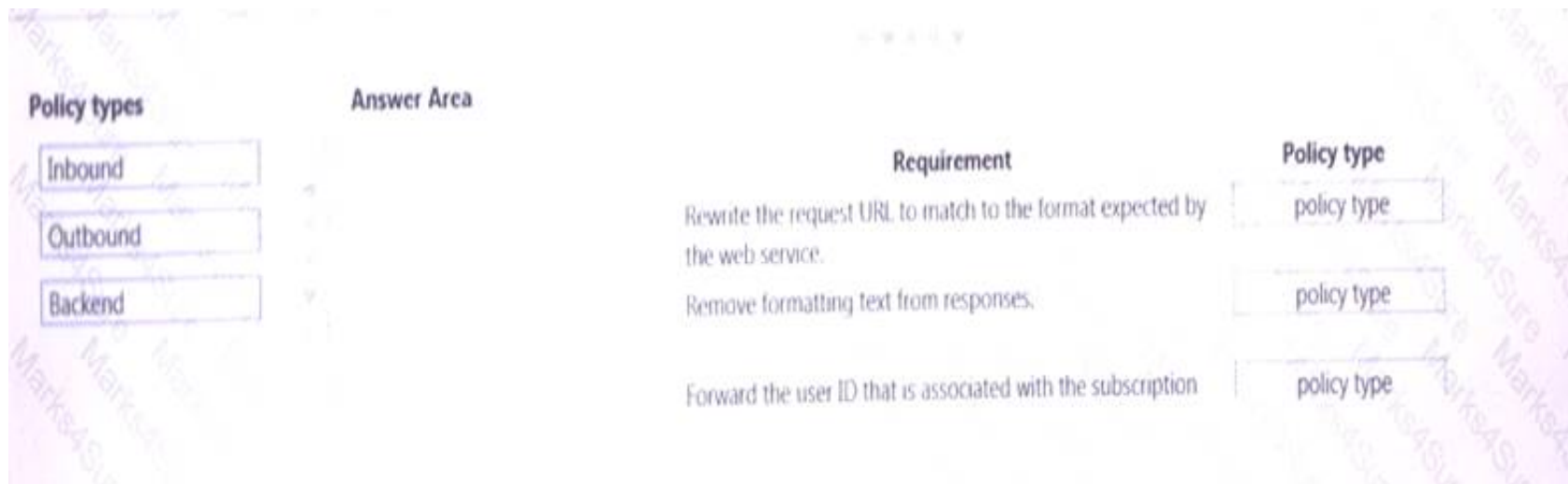
NEW QUESTION 56

You have an application that provides weather forecasting data to external partners. You use Azure API Management to publish APIs.

You must change the behavior of the API to meet the following requirements:

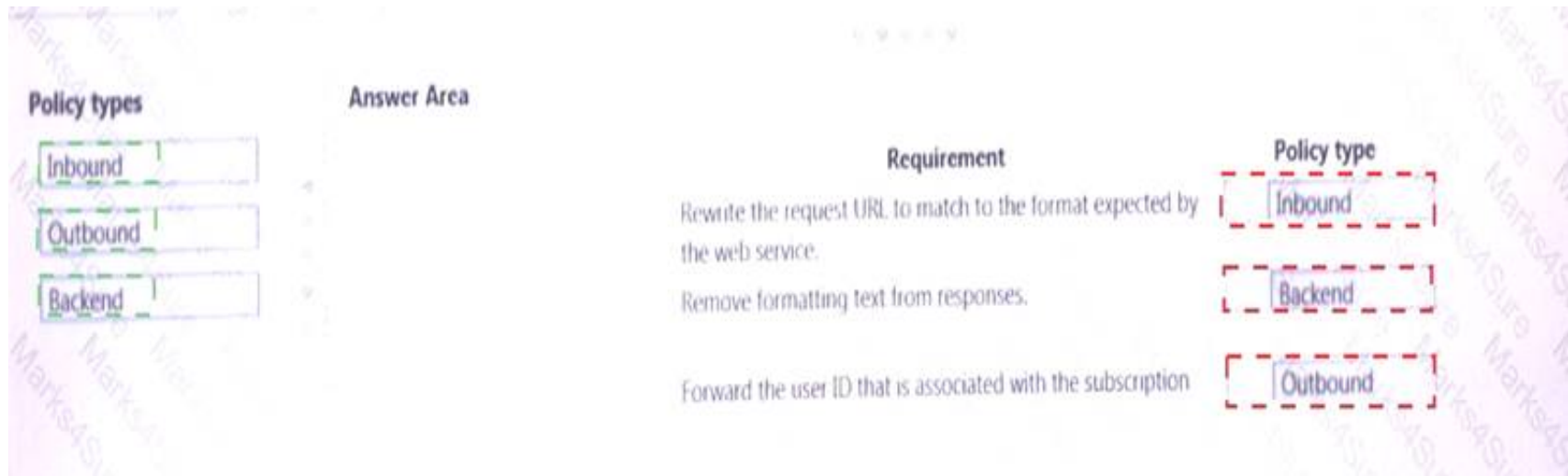
- Support alternative input parameters.
- Remove formatting text from responses.
- Provide additional context to back-end services.

Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



Answer:

Explanation:



NEW QUESTION 61

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 use ASP.NET Core MVC with ADO.NET to develop an application. You implement database sharding for the application by using Azure SQL Database. You establish communication links between the shard databases.

You need to implement a strategy that allows a group of operations that are performed on multiple Azure databases to be rolled back on all databases if any of the operations fail.

Solution:

- In the .NET method, define a new transaction in a using block.
- Within the using block, establish connections to each Azure SQL Database instance.
- Run the SQL operations on each connection. If no exception occurs, commit the transaction. Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 64

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 69

A construction company creates three-dimensional models from photographs and design diagrams of buildings. The company plans to store high-resolution photographs and blueprint files in Azure Blob Storage. The files are currently stored in the construction company's office.

You are developing a tool to connect to Azure Storage, create container, and then upload the files. The tool must remain responsive to the end user while it is running and performing remote I/O operations. It must also wait for methods to complete before continuing.

You need to complete the configuration.

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

```
public static void Main()
{
    Console.WriteLine("Starting");

ProcessAsync().GetAwaiter().GetResult();
        ProcessAsync();
        await ProcessAsync();



    Console.WriteLine("Finished.");
}

private static async Task ProcoessAsync()
{
    CloudStorageAccount storageAccount = null;
    CloudBlobContainer cloudBlobContainer = null;
    string storageConnectionString = Environment.GetEnvironmentVariable("storageconnectionstring");
    if (CloudStorageAccount.TryParse(storageConnectionString, out storageAccount))
    {
        try
        {
            CloudBlobClient cloudBlobClient = storageAccount.CreateCloudBlobClient();
            cloudBlobContainer = cloudBlobClient.GetContainerReference("blobs" + Guid.NewGuid().ToString());

await cloudBlobContainer.CreateAsync();
                cloudBlobContainer.Create();


        }
    }
}
```

Answer:

Explanation: Box 1: ProcessAsync();

Box 2: await cloudBlobContainer.CreatAsync();

If you specify that a method is an async method by using the async modifier, you enable the following two capabilities.

The marked async method can use await to designate suspension points. The await operator tells the compiler that the async method can't continue past that point until the awaited asynchronous process is complete. In the meantime, control returns to the caller of the async method.

The suspension of an async method at an await expression doesn't constitute an exit from the method, and finally blocks don't run.

The marked async method can itself be awaited by methods that call it. References:

<https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/concepts/async/>

NEW QUESTION 73

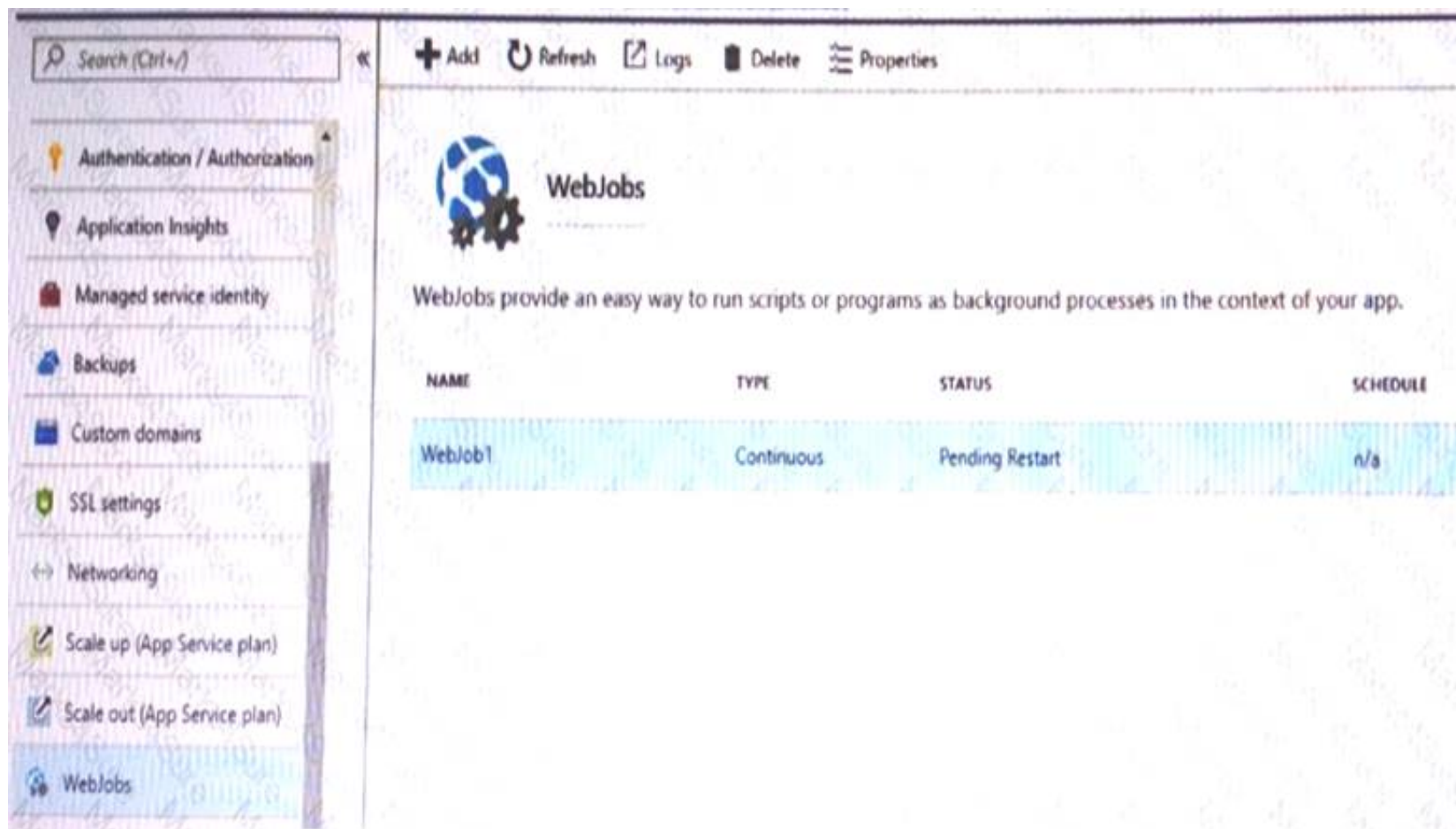
You have a task that includes a WebJob that should run continuously. The WebJob Log exhibit shows the text that is displayed when the WebJob runs. (Click the WebJob Log tab.)

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+J) 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
```



```

1  using System;
2  using System.Diagnostics;
3  using System.Threading;
4
5  namespace Program
6  {
7      private static Timer workTimer = new Timer();
8
9      // reference
10     static void Main()
11     {
12         Trace.WriteLine("WebJob Setup Starting");
13         var config = new JobHostConfiguration();
14
15         if (config.IsDevelopment)
16         {
17             config.UseDevelopmentSettings();
18         }
19
20         workTimer.Interval = TimeSpan.FromSeconds(10).TotalMilliseconds;
21         workTimer.Elapsed += WorkTimer_Elapsed;
22         workTimer.AutoReset = true;
23         workTimer.Enabled = true;
24
25         Console.WriteLine("WebJob Started");
26     }
27
28     // reference
29     private static void WorkTimer_Elapsed(object sender, ElapsedEventArgs e)
30     {
31         Console.WriteLine("Workload Processing");
32         // TODO - Implement code
33         Trace.WriteLine("Workload Complete");
34     }
35 }
36
37

```

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"/>

Answer:

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 74

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 use ASP.NET Core MVC with ADO.NET to develop an application. You implement database sharding for the application by using Azure SQL Database. You establish communication links between the shard databases.

You need to implement a strategy that allows a group of operations that are performed on multiple Azure databases to be rolled back on all databases if any of the operations fail.

Solution:

- Deploy a SQL database instance in an Azure Virtual Machine (VM).
- Establish linked servers to each Azure SQL Database instance from the SQL Server instance in the VM.
- Create a stored procedure in the VM that performs the update operations using a distributed transaction and commits them if successful.
- Run the SQL stored procedure on the SQL Server instance in the VM. Does the solution meet the goal?

- A. Yes
B. No

Answer: B

NEW QUESTION 79

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

Answer Area

Policy

Section

Set variable

Cache-lookup-value

Cache-store-value

Find-and-replace

code segment

code segment

code segment

code segment

Answer:

Explanation:

Code segments

Answer Area

Policy

Section

Set variable

Cache-lookup-value

Cache-store-value

Find-and-replace

code segment

code segment

code segment

code segment

NEW QUESTION 81

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 83

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;
}
```

Answer:

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, cts.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/PhoneVerification>

NEW QUESTION 84

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 89

A company is creating an IoT solution for connecting to smart refrigerators. You plan to use the Azure IoT Hub Device Provisioning Service for this process. You need to provision the devices automatically.
Which feature of Device Provisioning Service should you use?

- A. Template registration
- B. Device simulation
- C. Device registration and configuration
- D. Delivery and retry

Answer: C

Explanation: Azure IoT auto-provisioning can be broken into three phases:

- Service configuration - a one-time configuration of the Azure IoT Hub and IoT Hub Device Provisioning Service instances, establishing them and creating linkage between them.
- Device enrollment - the process of making the Device Provisioning Service instance aware of the devices that will attempt to register in the future. Note: The Device Provisioning Service is a helper service that enables just-in-time provisioning of devices to an IoT hub, without requiring human intervention. After successful provisioning, devices connect directly with their designated IoT Hub. This process is referred to as auto-provisioning, and provides an out-of-the-box registration and initial configuration experience for devices.
- Device registration and configuration - initiated upon boot up by registration software, which is built using a Device Provisioning Service client SDK appropriate for the device and attestation mechanism. The software establishes a connection to the provisioning service for authentication of the device, and subsequent registration in the IoT Hub. Upon successful registration, the device is provided with its IoT Hub unique device ID and connection information, allowing it to pull its initial configuration and begin the telemetry process. In production environments, this phase can occur weeks or months after the previous two phases.

References:

<https://docs.microsoft.com/en-us/azure/iot-dps/concepts-auto-provisioning>

NEW QUESTION 90

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 92

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

You need to identity 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 it 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

Answer:

Explanation:

Function types

Activity

Orchestrator

Client

Answer Area

Operation

The system checks inventory to determine if it 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 93

You are implementing an order processing system. A point of sale application publishes orders to topics in an Azure Service Bus queue. The label property for the topic includes the following data:

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

The system has the following requirements for subscriptions:

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

You need to implement filtering and maximize throughput while evaluating filters.
Which filter types should you implement? To answer, drag the appropriate filter types to the correct subscriptions. Each filter type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Filter types

SQLFilter

CorrelationFilter

No Filter

Answer Area

Subscription

FutureOrders

HighPriorityOrders

InternationalOrders

HighQuantityOrders

AllOrders

Filter type

Answer:

Explanation: FutureOrders: SQLFilter HighPriorityOrders: CorrelationFilter CorrelationID only InternationalOrders: SQLFilter

Country NOT USA requires an SQL Filter

HighQuantityOrders: SQLFilter

Need to use relational operators so an SQL Filter is needed. AllOrders: No Filter

SQL Filter: SQL Filters - A SqlFilter holds a SQL-like conditional expression that is evaluated in the broker against the arriving messages' user-defined properties and system properties. All system properties must be prefixed with sys. in the conditional expression. The SQL-language subset for filter conditions tests for the existence of properties (EXISTS), as well as for null-values (IS NULL), logical NOT/AND/OR, relational operators, simple numeric arithmetic, and simple text pattern matching with LIKE.

Correlation Filters - A CorrelationFilter holds a set of conditions that are matched against one or more of an arriving message's user and system properties. A common use is to match against the CorrelationId property, but the application can also choose to match against ContentType, Label, MessageId, ReplyTo, ReplyToSessionId, SessionId, To, and any user-defined properties. A match exists when an arriving message's value for a property is equal to the value specified in the correlation filter. For string expressions, the comparison is case-sensitive. When specifying multiple match properties, the filter combines them as a logical AND condition, meaning for the filter to match, all conditions must match.

Boolean filters - The TrueFilter and FalseFilter either cause all arriving messages (true) or none of the arriving messages (false) to be selected for the subscription.

References:

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/topic-filters>

NEW QUESTION 95

You are a developer tot a SaaS company that otters many web services. All web services tot the company must meet the following requirements:

- Use API Management to access the services
- Use OpenID Connect for authentication.
- Prevent anonymous usage

A recent security audit found that several web services can be called without any authentication. Which API Management policy should you implement?

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

Answer: B

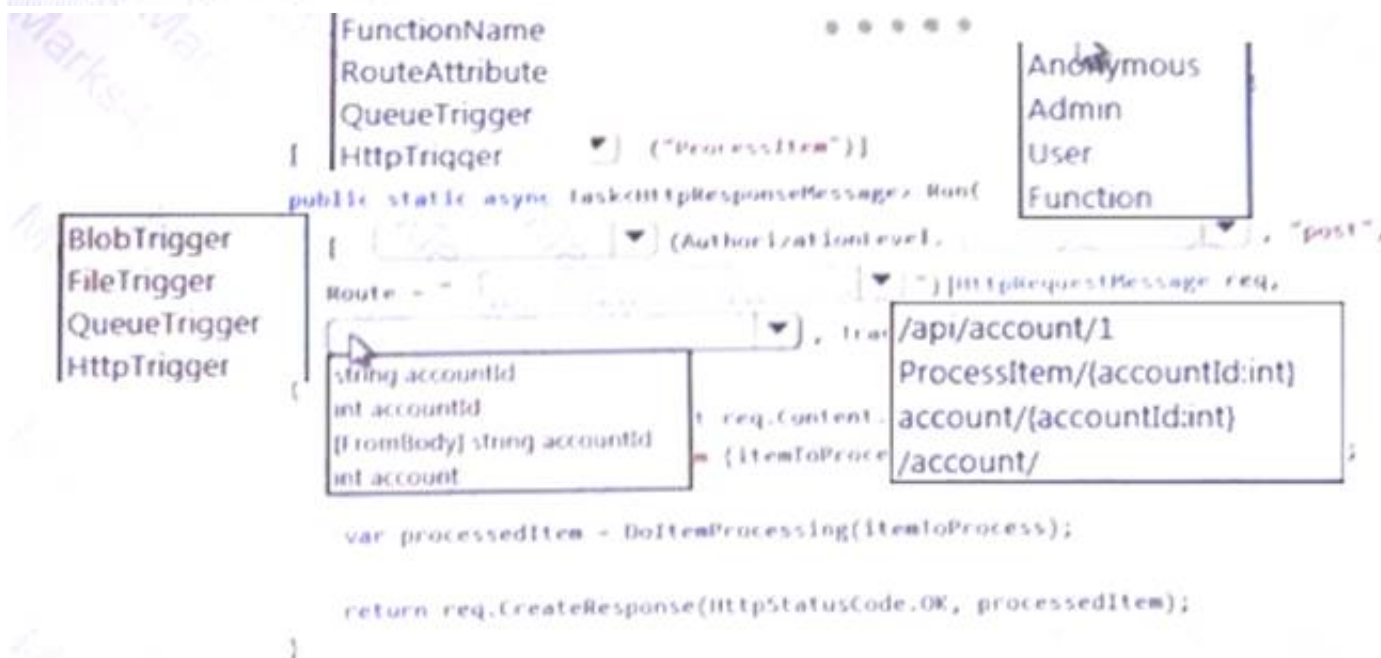
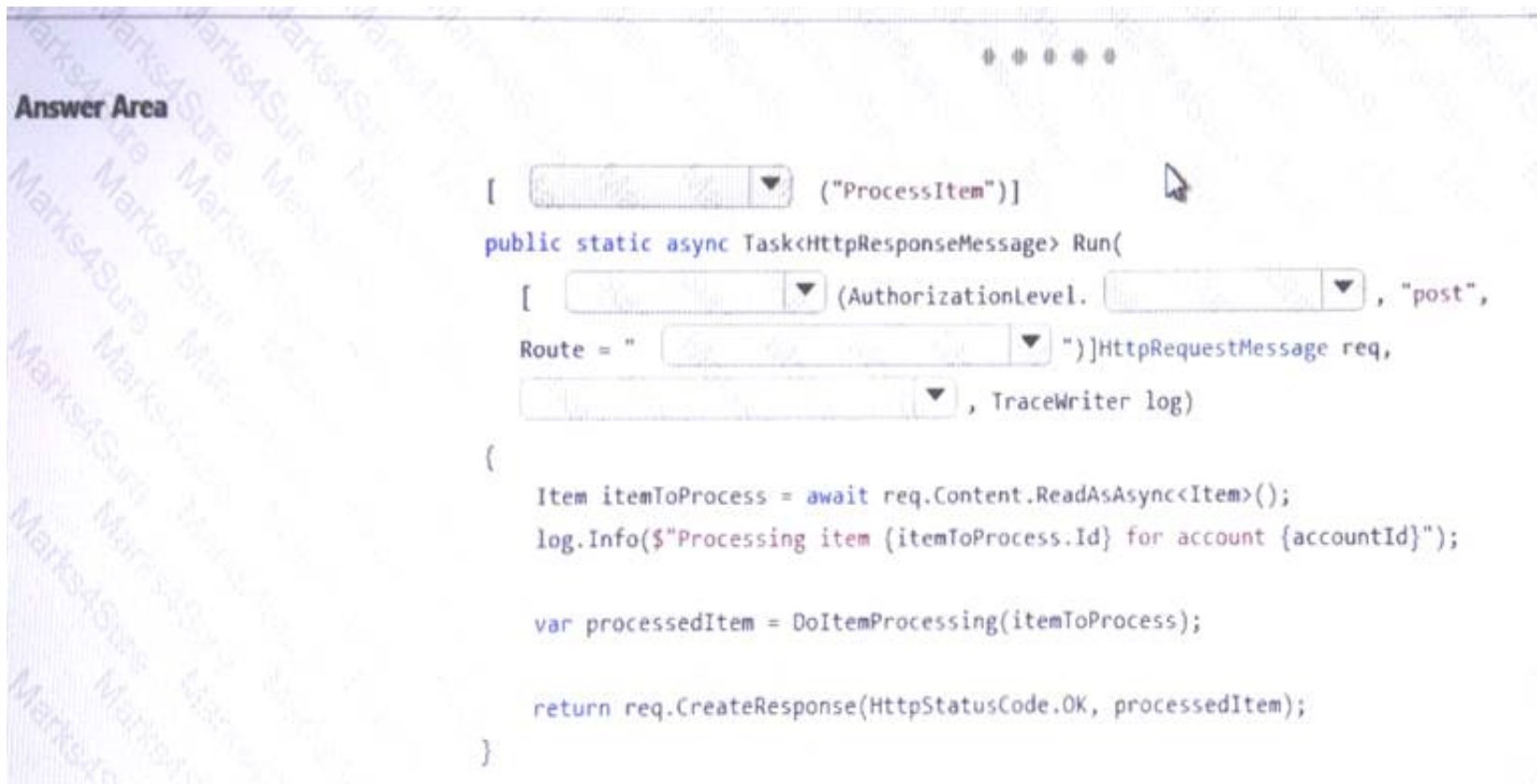
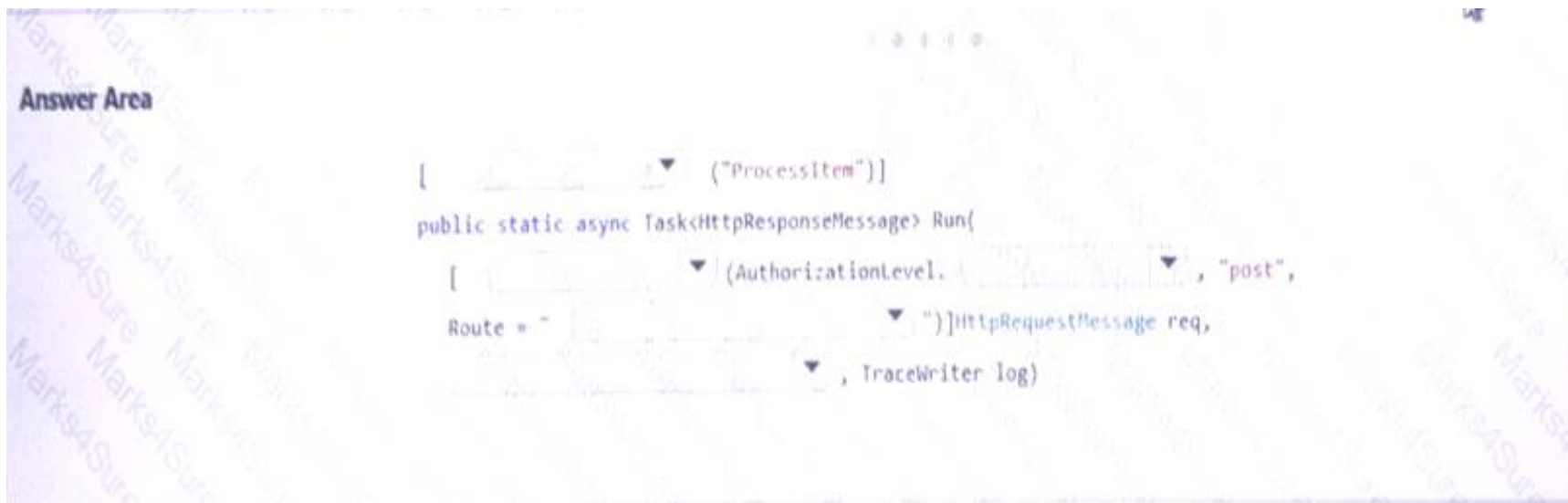
NEW QUESTION 99

You are developing an Azure Function that will be triggered using a webhook from an external application. The Azure Function will receive JSON data in the body of the request.

Calling applications send an account ID as part of the URL. The number at the end of the URL is an integer. The format for the URL resembles the following:
/api/account/1

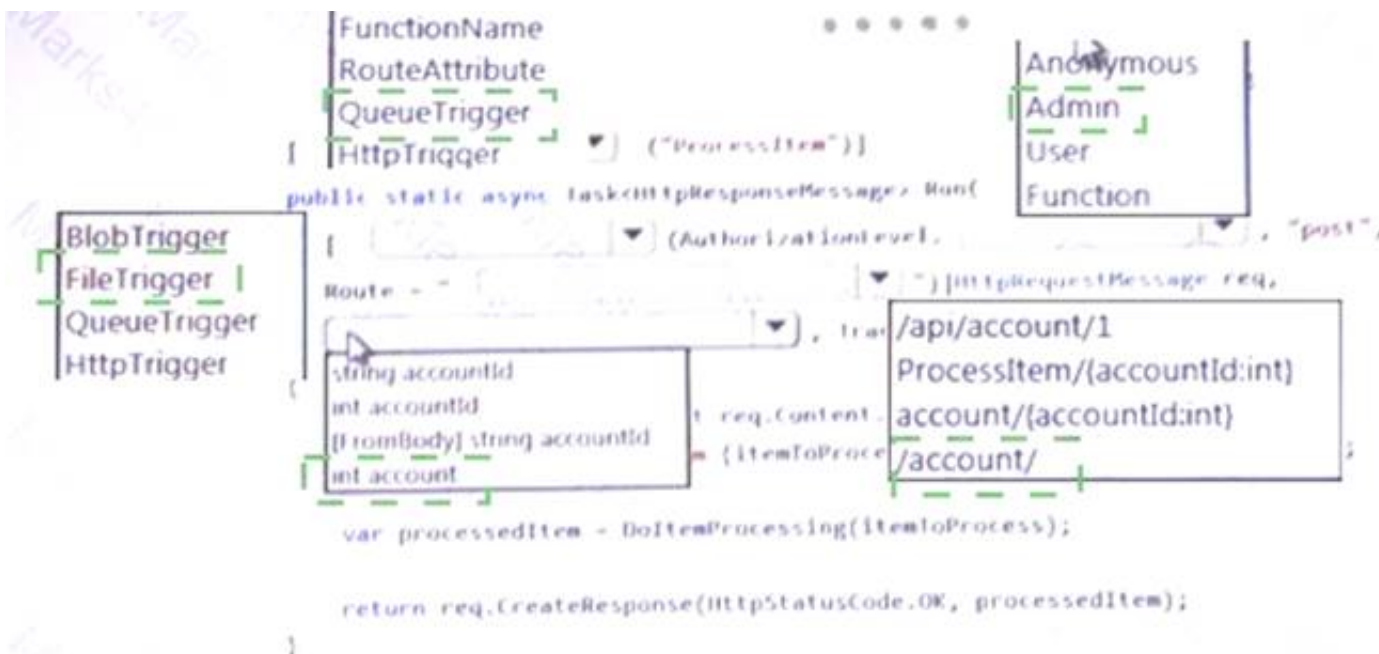
The Azure Function must accept all incoming requests without requiring keys or tokens. You need to complete the attributes for the Azure Function.

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



Answer:

Explanation:



NEW QUESTION 100

.....

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