

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.

The screenshot shows the LUIS (Language Understanding Intelligent Service) interface. On the left, under the heading "Actions", there is a list of seven 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.", and "Add names for Italian cuisine to Azure Search.". To the right of this list are two circular buttons with right and left arrows. On the right side, under the heading "Answer area", there is an empty space for placing the selected actions. To the right of the answer area are two circular buttons with up and down arrows.

Answer:

Explanation:

The screenshot shows the LUIS interface with the "Answer area" now containing three actions in a specific sequence, indicated by dashed red boxes. The actions are: "Create a new LUIS app.", "Train the LUIS app.", and "Publish the LUIS app.". The "Actions" list on the left remains the same. The right and left arrow buttons are still present between the lists, and the up and down arrow buttons are still present to the right of the answer area.

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 implement the purchase requirement What should you do?

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

NEW QUESTION 4

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.

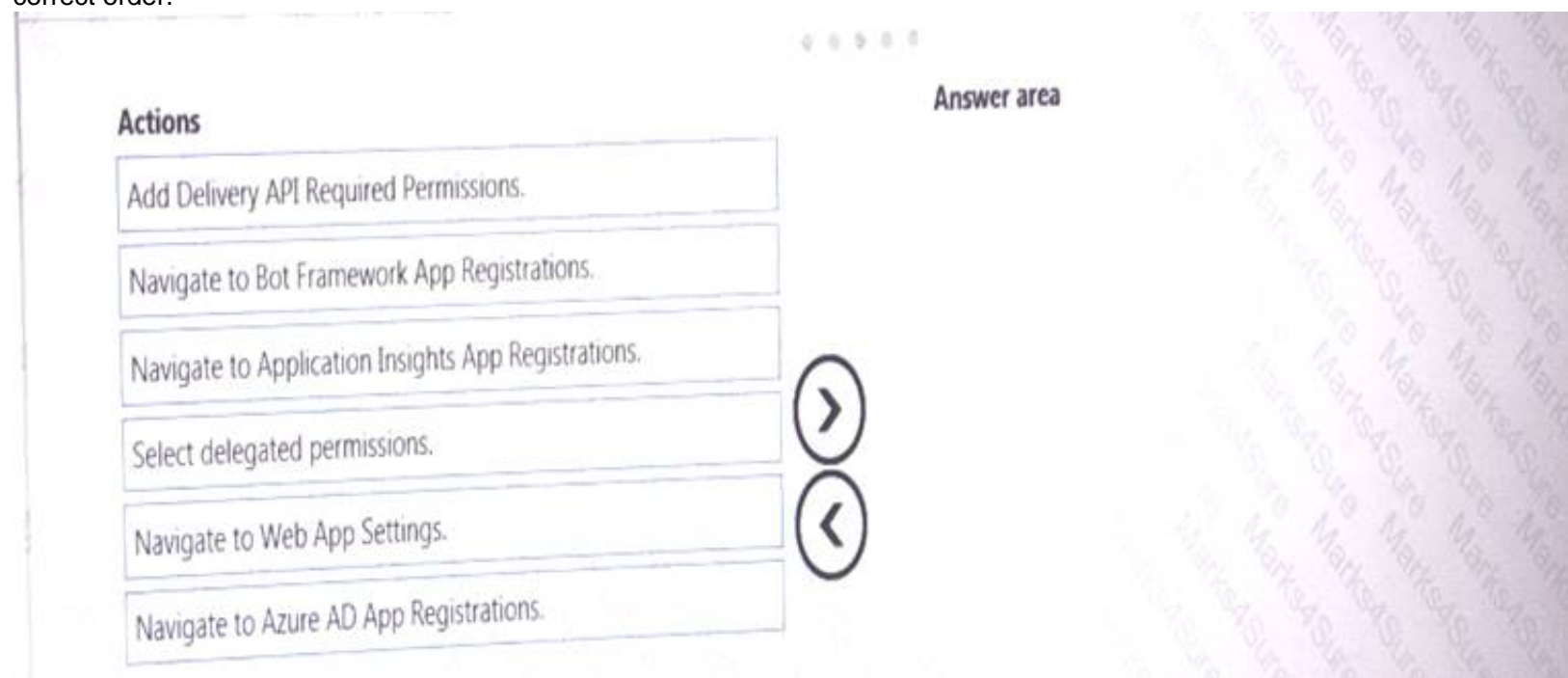
References:

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

NEW QUESTION 5

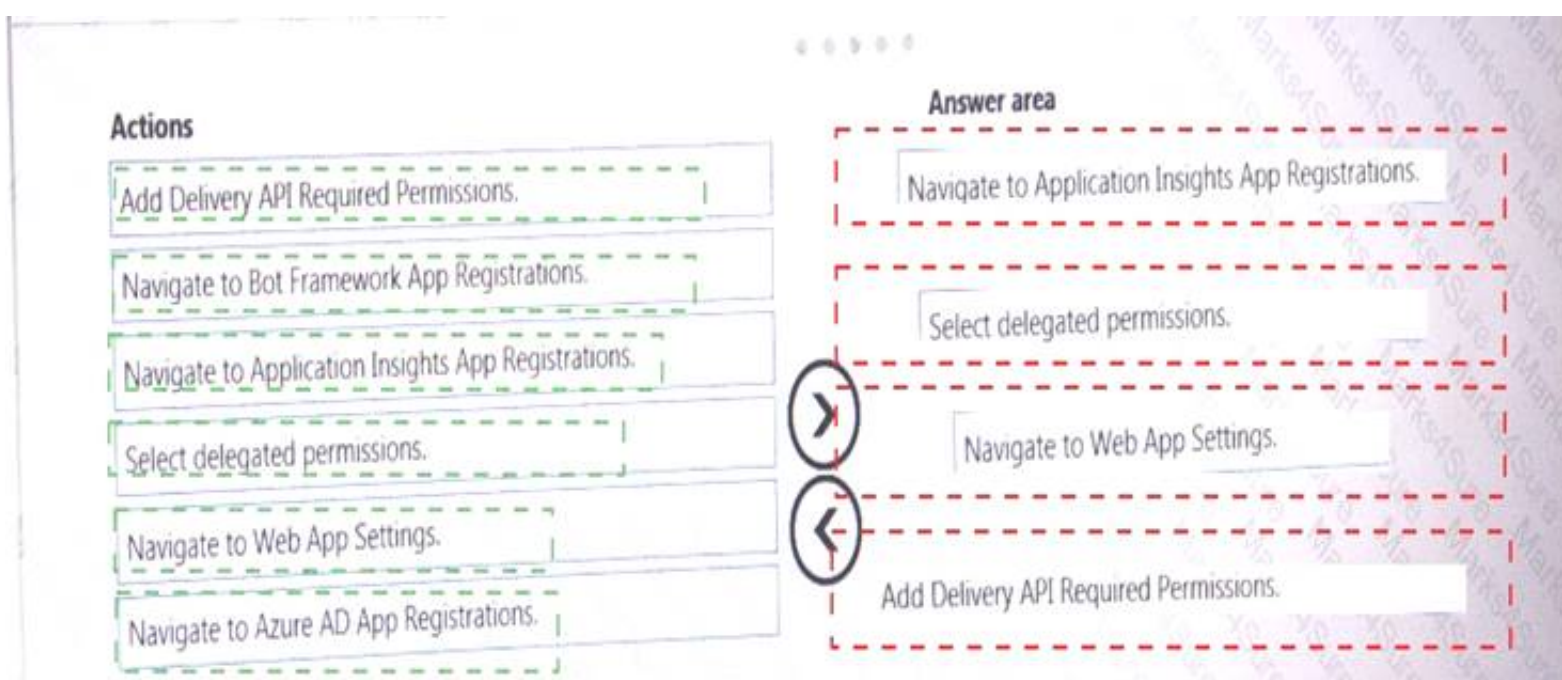
You need to secure the access to the Delivery API.

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.



Answer:

Explanation:



NEW QUESTION 6

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. Animation
- E. Hero

Answer: BE

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 meet the vendor notification requirement.

Solution: Create and apply a custom outbound Azure API Management policy. Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation: 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.)

In Azure API Management (APIM), policies are a powerful capability of the system that allow the publisher to change the behavior of the API through configuration.

Policies are a collection of Statements that are executed sequentially on the request or response of an API. Popular Statements include format conversion from XML to JSON and call rate limiting to restrict the amount of incoming calls from a developer. Many more policies are available out of the box.

References:

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

Topic 2, Case Study B**Background**

You are developer for Prose ware, Inc. You are developing an application that applies a set of governance policies for Prosware's internal services, external services, and applications. The application will also provide a shared library for common functionality.

Requirements

You are a developer for Proseware, Inc. You are developing an application that applies a set of governance policies for Proseware's services, and applications. I he application will also provide a shared library for common functionality.

Policy service

You develop and deploy a stateful ASP.NET Core 2.1 web application named Policy service to an Azure App Service Web App. The application reacts to events from Azure Event Grid and performs policy actions based on those events.

The application must include the Event Grid Event ID field in all Application Insights telemetry.

Policy service must use Application Insights to automatically scale with the number of policy actions that it is performing.

Policies Log policy

All Azure App Service Web Apps must write logs to Azure Blob storage. All log files should be saved to a named log drop. Logs must remain in the container for 15 days.

Authentication events

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.

PolicyLib

You have a shared library named PolicyLib that contains functionality common to all ASP.NET Core web services and applications. The PolicyLib library must:

- Exclude non-user actions from Application Insights telemetry.
- Provide methods that allow a web service to scale itself.
- Ensure that scaling actions do not disrupt application usage.

Other**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.

Health monitoring

All web applications and services have health monitoring at the /health service endpoint.

Issues Policy loss

When you deploy Policy service, policies may not be applied if they were in the process of being applied during the deployment.

Performance issue

When under heavy load, the anomaly detection service undergoes slowdowns and rejects connections.

Notification latency

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

App code EventGridController.cs

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

```
EventGridController.cs
EG01 public class EventGridController : Controller
EG02 {
EG03     public static AsyncLocal<string> EventId = new AsyncLocal<string>();
EG04     public IActionResult Process([FromBody]) string eventsJson
EG05     {
EG06         var events = JObject.Parse(eventsJson);
EG07
EG08         foreach (var @event in events)
EG09         {
EG10             EventId.Value = @event["id"].ToString();
EG11             if (@event["topic"].ToString().Contains("providers/Microsoft.Storage"))
EG12             {
EG13                 SendToAnomalyDetectionService(@event["data"]["url"].ToString());
EG14             }
EG15
EG16             {
EG17                 EnsureLogging(@event["subject"].ToString());
EG18             }
EG19         }
EG20         return null;
EG21     }
EG22     private void EnsureLogging(string resource)
EG23     {
EG24         . . .
EG25     }
EG26     private async Task SendToAnomalyDetectionService(string uri)
EG27     {
EG28         var content = GetLogData(uri);
EG29         var scoreRequest = new
EG30         {
EG31             Inputs = new Dictionary<string, List<Dictionary<string, string>>>()
EG32             {
EG33                 {
EG34                     "input1",
EG35                     new List<Dictionary<string, string>>()
EG36                     {
EG37                         new Dictionary<string, string>()
EG38                         {
EG39                             {
EG40                                 "logcontent", content
EG41                             }
EG42                         }
EG43                     }
EG44                 },
EG45             },
EG46             GlobalParameters = new Dictionary<string, string>() { }
EG47         };
EG48         var result = await (new HttpClient()).PostAsJsonAsync(". . .", scoreRequest);
EG49         var rawModelResult = await result.Content.ReadAsStringAsync();
EG50         var modelResult = JObject.Parse(rawModelResult);
EG51         if (modelResult["notify"].HasValues)
EG52         {
EG53             . . .
EG54         }
EG55     }
EG56     private (string name, string resourceGroup) ParseResourceId(string
resourceId)
EG57     {
EG58         . . .
EG59     }
EG60     private string GetLogData(string uri)
EG61     {
EG62         . . .
EG63     }
EG64     static string BlobStoreAccountSAS(string containerName)
EG65     {
EG66         . . .
EG67     }
EG68 }
```

LoginEvents.cs

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

```
LoginEvent.cs
LE01 public class LoginEvent
LE02 {
LE03
LE04 public string subject { get; set; }
LE05 public DateTime eventTime { get; set; }
LE06 public Dictionary<string, string> data { get; set; }
LE07 public string Serialize()
LE08 {
LE09     return JsonConvert.SerializeObject(this);
LE10 }
LE11 }
```

NEW QUESTION 9

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.

public string
public string
public string

id
eventType
dataVersion
metadataVersion { get; set; }
id
eventType
dataVersion
metadataVersion { get; set; }
id
eventType
dataVersion
metadataVersion { get; set; }

Answer:

Explanation:

public string
public string
public string

id
eventType
dataVersion
metadataVersion { get; set; }
id
eventType
dataVersion
metadataVersion { get; set; }
id
eventType
dataVersion
metadataVersion { get; set; }

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.

Answer:

Explanation:

NEW QUESTION 10

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. Should you implement?

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

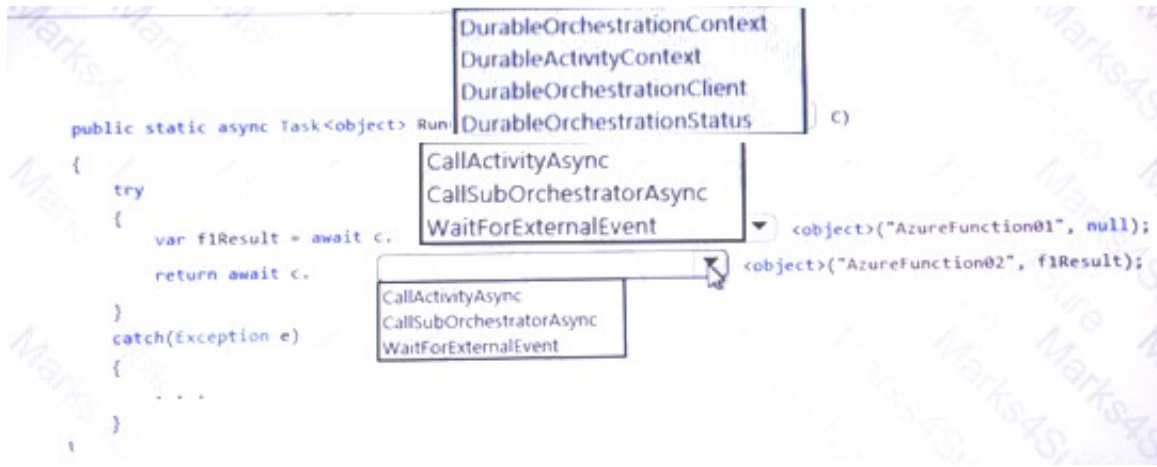
References:

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

NEW QUESTION 15

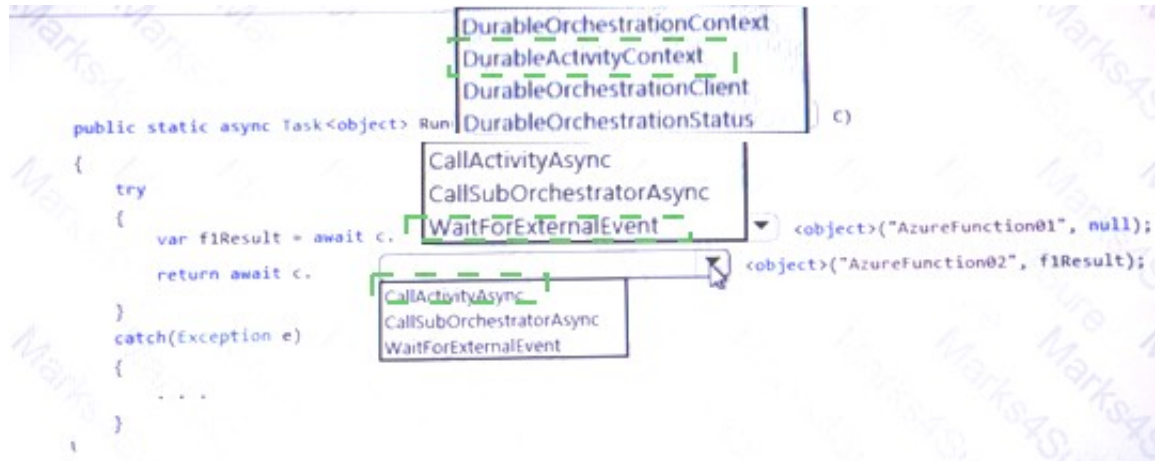
You are developing a solution that requires serverless code execution in Azure. The solution has two functions that must run in a specific order. You need to ensure that the second function can use the output from the first function,

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:

Explanation:



NEW QUESTION 18

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

Answer Area

Create an intent for each event type.

Add a pattern

Create a Pattern.any entity.

Add example utterances.

Create a List entity.



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 20

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.AddRulesAsync(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 23

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     }
13     fileTasks.ForEach((fileTask) =>
14     {
15         string taskId = $"Task{DateTime.Now.ToFileTimeUtc().ToString()}";
16         CloudTask task = new CloudTask(taskId, fileTask.Command);
17         List<OutputFile> outputFileList = new List<OutputFile>();
18         OutputFileBlobContainerDestination outputContainer = new OutputFileBlobContainerDestination(outputContainerSasUrl);
19         outputFileList.Add(new OutputFile(fileTask.Output,
20             new OutputFileDestination(outputContainer), new OutputFileUploadOptions(OutputFileUploadCondition.TaskSuccess)));
21         task.OutputFiles = outputFileList;
22         tasks.Add(task);
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.

Answer Area

	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:

Answer Area

	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 25

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 27

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     else
10     {
11         HandleSystemMessage(activity);
12     }
13     var response = Request.CreateResponse(HttpStatusCode.OK);
14     return response;
15 }
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 .	<input type="radio"/>	<input type="radio"/>
RootDialog will return to the top of the stack after SupportDialog handles a request	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

	Yes	No
A child dialog will handle any messages that contain the word support .	<input checked="" type="radio"/>	<input type="radio"/>
RootDialog will return to the top of the stack after SupportDialog handles a request	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 28

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.

- A. SearchService
- B. SearchIndexClient
- C. SearchServiceClient
- D. SearchCredentials

Answer: CD

NEW QUESTION 33

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 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 SearchServiceClient object to connect to the search index.
2. Create an IndexBatch that contains the documents which must be added.
3. Create a DataSource instance and set its Container property to the DataContainer.
4. Call the Documentsindex method of the SearchIndexClient to send the IndexBatch to the search index. Does the solution meet the goal?

- A. No
- B. Yes

Answer: A

NEW QUESTION 36

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 38

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

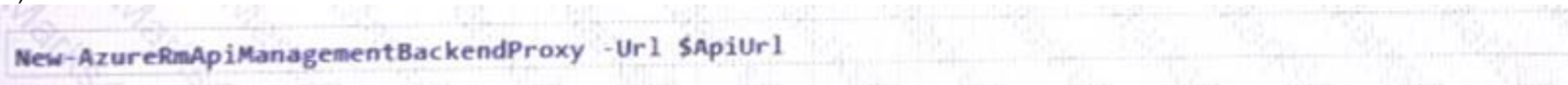
NEW QUESTION 39

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)

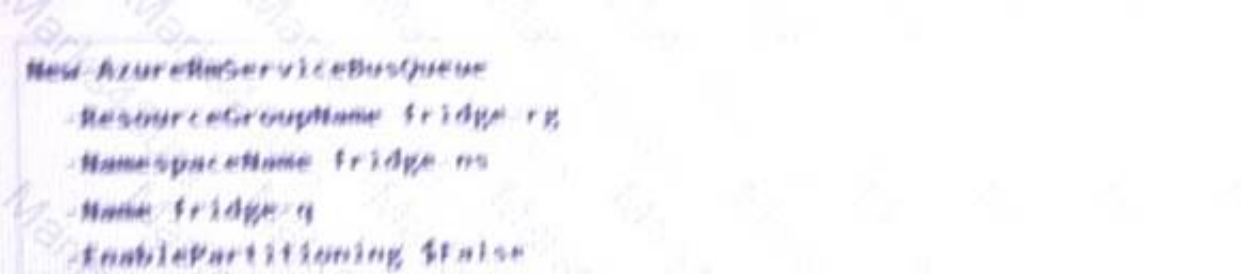

D)


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

Answer: D

NEW QUESTION 40

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)


B)


C)


D)


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

Answer: D

NEW QUESTION 41

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.

Answer:

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 42

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 44

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
```



```

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 49

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 53

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 58

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 63

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 machine
- 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 machine
- H. Configure a Scale Set to increase the virtual machine instance count when the CPU load

Answer: C

NEW QUESTION 67

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	Answer Area	
	Subscription	Filter type
SQLFilter	FutureOrders	
CorrelationFilter	HighPriorityOrders	
No Filter	InternationalOrders	
	HighQuantityOrders	
	AllOrders	

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 69

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your AZ-201 Exam with Our Prep Materials Via below:

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