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QUESTION 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the goal. 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

Correct Answer: A

QUESTION 2

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

Correct Answer: D

QUESTION 3

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

Correct Answer: B

QUESTION 4

Your company\\'s Internet Information Services (IIS) web server for Windows Server hosts legacy hosts legacyASP.NETweb 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 webapps. 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



Correct Answer: A

QUESTION 5

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

Correct Answer: A

QUESTION 6

HOTSPOT

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 containers, 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.

Hot Area:



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

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

    Console.WriteLine("Finished.");
}

private static async Task ProcessAsync()
{
    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.Created;
        }
    }
}
```

Correct Answer:

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

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

    Console.WriteLine("Finished.");
}

private static async Task ProcessAsync()
{
    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.Created;
        }
    }
}
```



```

public static void Main()
{
    Console.WriteLine("Starting");
    ProcessAsync().GetAwaiter().GetResult();
    Console.WriteLine("Finished.");
}

private static async Task ProcessAsync()
{
    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();
        }
        catch { }
    }
}

```

QUESTION 7

DRAG DROP

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.

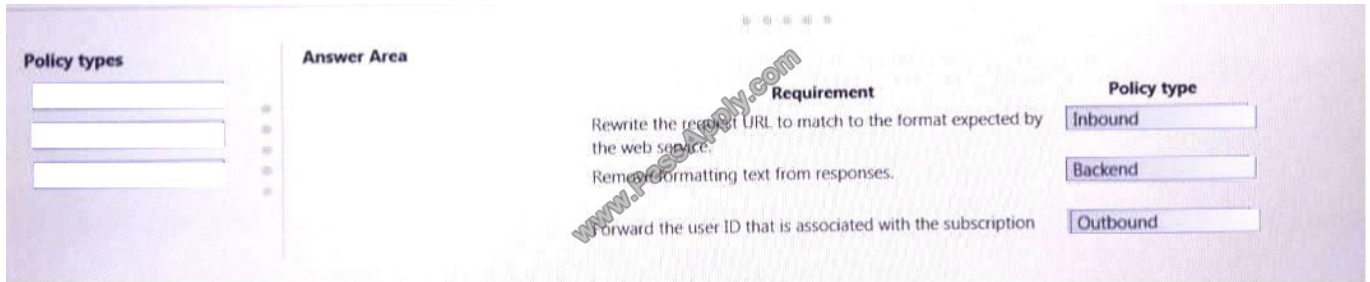
Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:

Policy types	Answer Area	Requirement	Policy type
Inbound	<div style="border: 1px solid gray; width: 100px; height: 100px;"></div>	Rewrite the request URL to match to the format expected by the web service.	policy type
Outbound		Remove formatting text from responses.	policy type
Backend		Forward the user ID that is associated with the subscription	policy type



Correct Answer:



QUESTION 8

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

Correct Answer: D

QUESTION 9

HOTSPOT

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 }
25 return tasks;
26 }
27 public class FileTask
28 {
29     public string Command { get; set; }
30     public string Output { get; set; }
31 }
```

For each of the following statements, select Yes if the statement is true.

Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

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"/>

Correct Answer:



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 type="radio"/>	<input checked="" type="radio"/>
The code stores the resulting file in outputContainer.	<input checked="" 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 checked="" type="radio"/>

QUESTION 10

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

Correct Answer: B

QUESTION 11

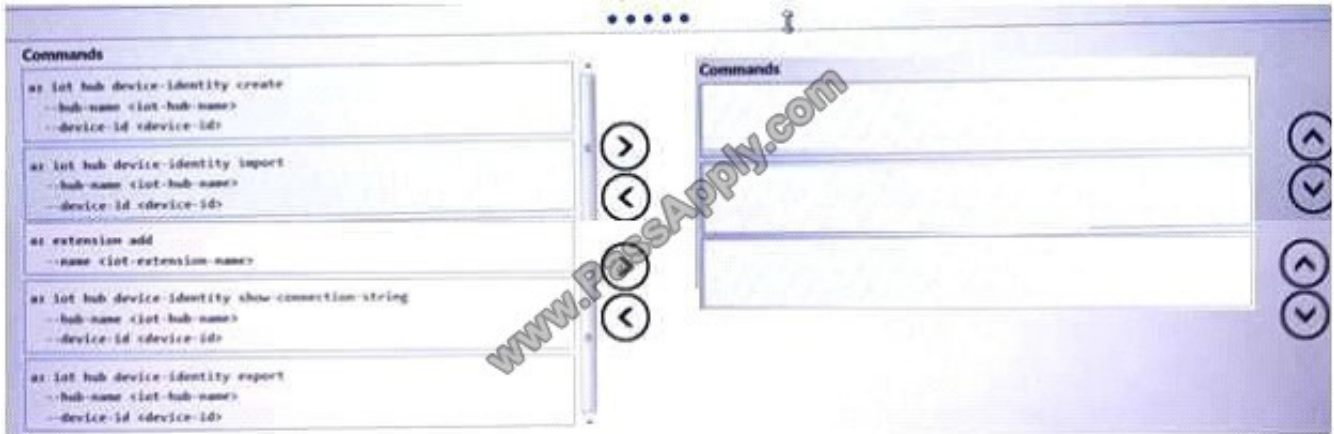
DRAG DROP

You are developing an IoT solution, The solution requires bidirectional communication between a .Net application and Azure IoT Hub.

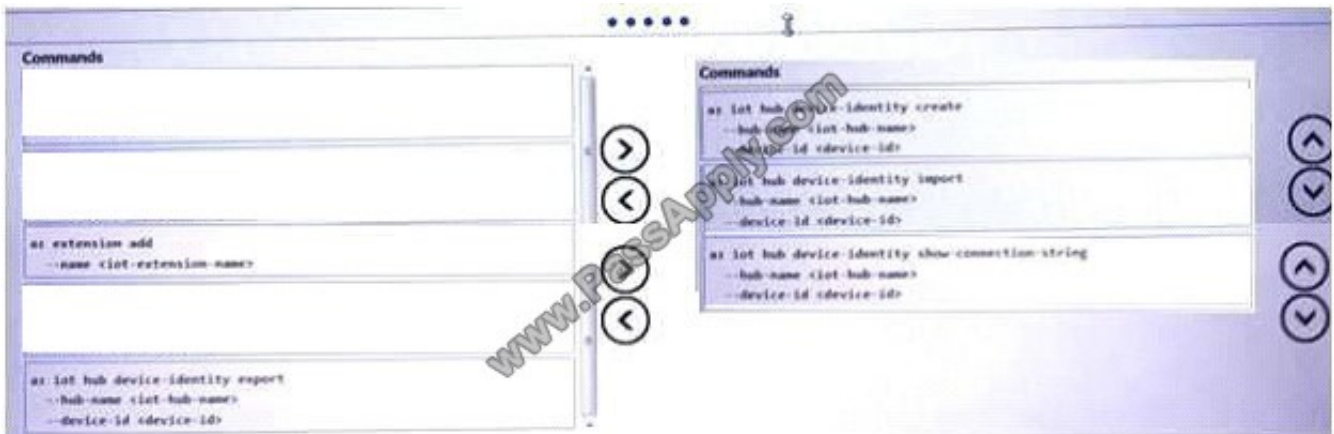
You need to obtain connection information for a single test device.

Which three commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Select and Place:



Correct Answer:



QUESTION 12

HOTSPOT

An application that you manage has several web front-end instances- Each web front end communicates with a set of back-end worker processes by using an Azure queue.



You are developing code for the worker processes.

You have a function named DoWork() that handles data processing tasks.

You need to develop code for the worker processes that meets the following requirements:

Properly access an item from the queue and be resistant to failure.

Run on multiple background processes.

Ensure that items are available to other workers two minutes after a worker process fails.

Ensure that messages regarding failed processes are logged to the console.

How should you complete the code? To answer, select the appropriate options in the answer

Hot Area:

```
public void ProcessQueue()
{
    var storageAccount = CloudStorageAccount.Parse(queueConnectionString);
    var queueClient = storageAccount.CreateCloudQueueClient();
    var queue = queueClient.GetQueueReference(queueName);
    var retrievedMessage = queue.GetMessage(
    try
    {
        var item =
        JsonConvert.DeserializeObject<workitem>(retrievedMessage-
        DoWork(item);
        queue.Delete();
    }
    catch
    {
        queue.DeleteMessage(retrievedMessage);
        queue.UpdateMessage(retrievedMessage, TimeSpan.FromMinutes(2), MessageUpdateFields.Visibility);
    }
    Console.WriteLine("Error processing item.");
    queue.DeleteMessage(retrievedMessage);
    queue.UpdateMessage(retrievedMessage, TimeSpan.FromMinutes(2), MessageUpdateFields.Visibility);
    throw new Exception("Error processing item.");
}
```

Correct Answer:



```
public void ProcessQueue()
{
    var storageAccount = CloudStorageAccount.Parse(queueConnectionString);
    var queueClient = storageAccount.CreateCloudQueueClient();
    var queue = queueClient.GetQueueReference(queueName);
    var retrievedMessage = queue.GetMessage(
    try
    {
        var item =
        JsonConvert.DeserializeObject<WorkItem>(retrievedMessage-
        DoWork(item);
        queue.Delete();
        queue.GetMessage();
    }
    catch
    {
        queue.DeleteMessage(retrievedMessage);
        queue.UpdateMessage(retrievedMessage, TimeSpan.FromMinutes(2), MessageUpdateFields.Visibility);
    }
    Console.WriteLine("Error processing item.");
    queue.DeleteMessage(retrievedMessage);
    queue.UpdateMessage(retrievedMessage, TimeSpan.FromMinutes(2), MessageUpdateFields.Visibility);
    throw new Exception("Error processing item.");
}
```

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