AZ-201 Dumps

Microsoft Azure Developer Advanced Solutions

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

NEW QUESTION 1
- (Exam Topic 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.
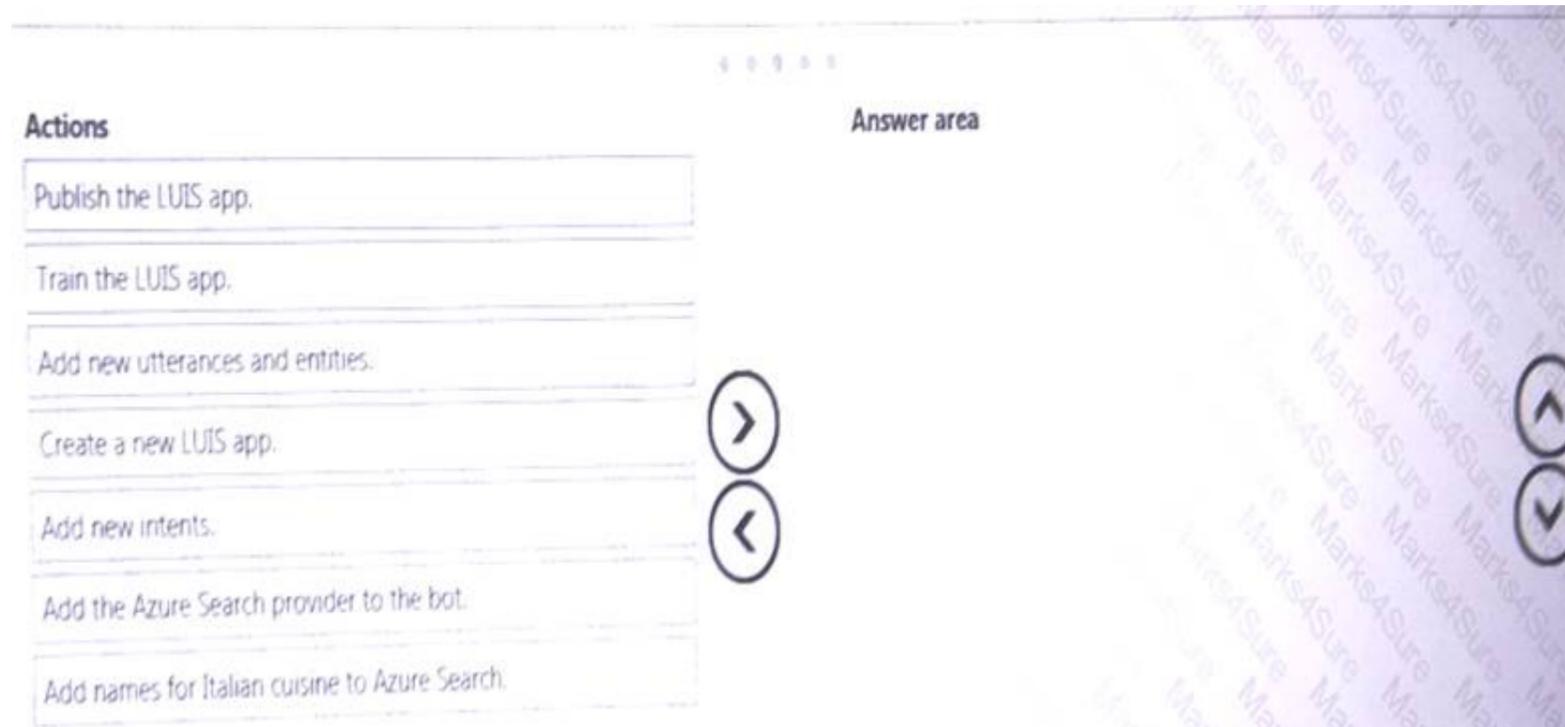
A. Mastered
B. Not Mastered

Answer: A

Explanation:
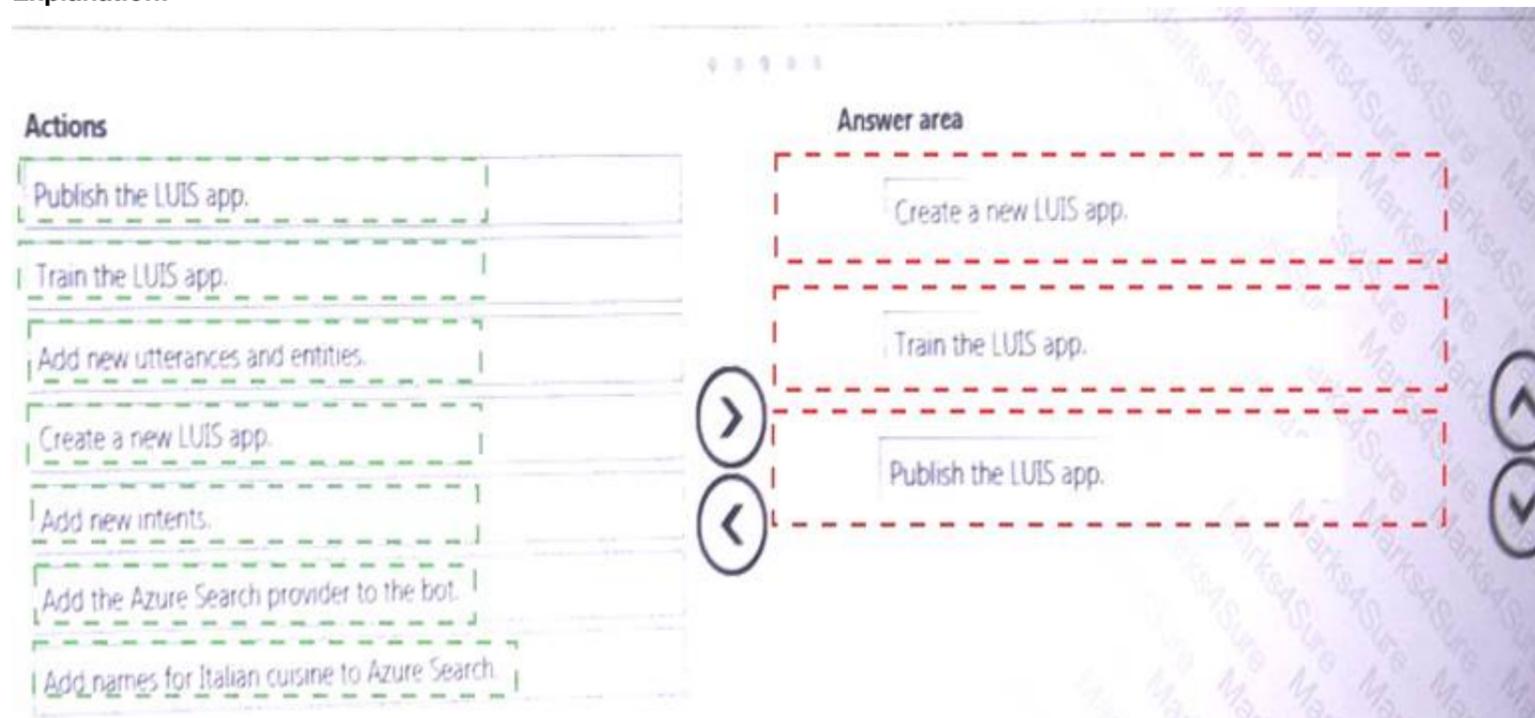
NEW QUESTION 2
- (Exam Topic 1)
You need to resolve the delivery API error. What should you do?

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 3
- (Exam Topic 1)
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 4
- (Exam Topic 1)
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 5
- (Exam Topic 1)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the
solution meets the stated goals.
You need to 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 6
- (Exam Topic 1)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution.
Determine whether the solution meets the stated goals. You need to 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

NEW QUESTION 7
- (Exam Topic 2)
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 8
- (Exam Topic 2)
You need to implement the Log policy.
How should you complete the Azure Event Grid subscription? To answer, drag the appropriate JSON segments to the correct locations. Each (SON 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 segment

| All |
| WebHook |
| EventHub |
| subjectEndsWith |
| Microsoft.Storage |
| subjectBeginsWith |
| Microsoft.Storage.BlobCreated |

Answer Area

```
{
  "name": "newlogs",
  "properties" : {
    "topic" : "/subscriptions/ . . ./providers/Microsoft.EventGrid/topics/. . .",
    "destination": {
      "endpointType"   : "                    ",
    },

    "filter": {
      "                    : "/blobServices/default/containers/logdrop/",
      "includeEventTypes": ["            " ]},
    },
      "labels": [],
      "eventDeliverySchema": "EventGridSchema"
    }
  }
}
```

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 9
- (Exam Topic 2)
You need to add code at line EG15 in EventGridController.cs to ensure that the Log policy applies to all services.
How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Code segments

topic

status

eventType

Succeeded

operationName

resourceProvider

Answer Area

```
if (
    @event[ "data" ] [ "            "].ToString() = ="            "
    &&
    @event[ "data" ] [ "            "].ToString() = = "Microsoft.Web/sites/write"
)
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Status
Box 2: Succeded
Box 3: operationName Scenario: 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.

NEW QUESTION 10
- (Exam Topic 2)
You need to ensure that PolicyLib requirements are met.
How should you complete the code segment? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one Point.

Code segments

Process

Initialize

telemetry.Sequence

ITelemetryProcessor

ITelemetryInitializer

telemetry.Context

EventGridController.EventId.Value

((EventTelemetry)telemetry).Properties["EventId"]

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Code segments

Process

Initialize

telemetry.Sequence

ITelemetryProcessor

ITelemetryInitializer

telemetry.Context

EventGridController.EventId.Value

((EventTelemetry)telemetry).Properties["EventId"]

Answer Area

```
public class IncludeEventId :                Process
{

    public void                ITelemetryProcessor

    (ITelemetry telemetry)
    {

            EventGridController.EventId.Value        Properties["EventId"] =

        ((EventTelemetry)telemetry).Properties["EventId"]

    }

}
```
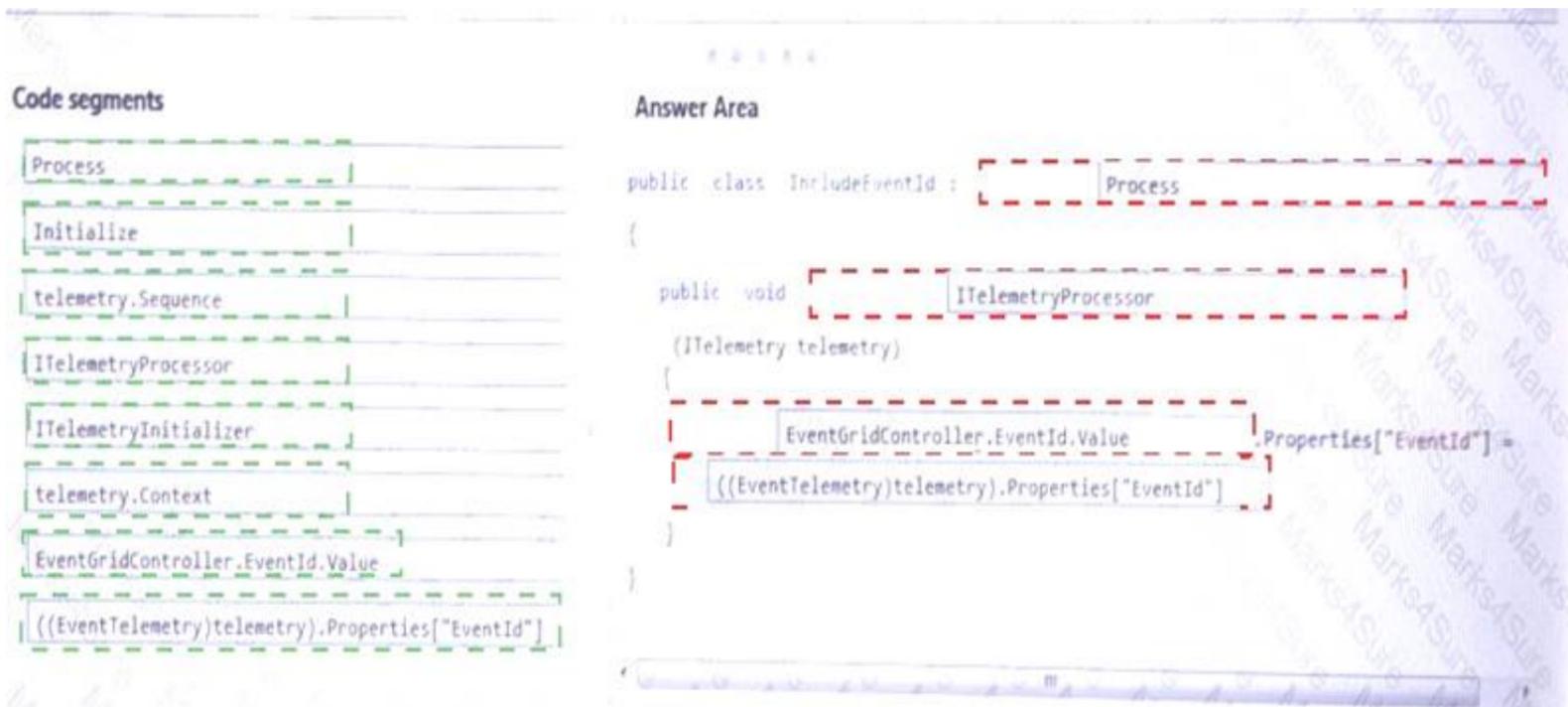
NEW QUESTION 10
- (Exam Topic 2)
You need to ensure that the solution can meet the scaling requirements for Policy Service. Which Azure Application Insights data model should you use?

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

Answer: D

NEW QUESTION 11
- (Exam Topic 3)
You are developing a speech-enabled home automation control bot. The bat 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 16
- (Exam Topic 3)
You are developing a solution that requires serverless code execution in Azure. The solution has two functions that must run in a specific order.
You need to ensure that the second function can use the output from the first function,
How should you complete the code? To answer, select the appropriate options in the answer area, NOTE: Each correct selection is worth one point.

```
                                    DurableOrchestrationContext
                                    DurableActivityContext
                                    DurableOrchestrationClient
public static async Task<object> Run DurableOrchestrationStatus    c)
{
                                CallActivityAsync
    try                         CallSubOrchestratorAsync
    {                           WaitForExternalEvent
        var f1Result = await c.                       <object>("AzureFunction01", null);

        return await c.                    <object>("AzureFunction02", f1Result);
                            CallActivityAsync
    }                       CallSubOrchestratorAsync
    catch(Exception e)      WaitForExternalEvent
    {
        . . .
    }
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
                        DurableOrchestrationContext
                        DurableActivityContext
                        DurableOrchestrationClient
public static async Task<object> Run DurableOrchestrationStatus         C)
{
    try
    {
                        CallActivityAsync
                        CallSubOrchestratorAsync
        var f1Result = await c. WaitForExternalEvent        <object>("AzureFunction01", null);

        return await c.                                     <object>("AzureFunction02", f1Result);
    }
                        CallActivityAsync
    catch(Exception e)  CallSubOrchestratorAsync
    {                   WaitForExternalEvent
        ...
    }
}
```

NEW QUESTION 17
- (Exam Topic 3)
A company is implementing a publish- subscribe (Pub/Sub) messaging component by using Azure Service Bus. You are developing the first subscription application.
In the Azure portal you are see that messages are being sent to the subscription for each topic. You create a subscription client object by supplying the correct details, but the subscription application is still not consuming the messages.
You need to complete the source code of the subscription client. What should you do?
A)

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

B)

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

C)

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

D)

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

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

Answer: A

NEW QUESTION 22
- (Exam Topic 3)
You are developing an Azure IoT Hub Device Provisioning Service as a helper service. You configure zero
-touch device provisioning to an IoT Hub. All devices are exactly. You need to configure auto-provisioning for millions of devices in a secure and scalable manner with group enrollment and roles. What should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Requirement	Option	
Configure group enrollment.		X.509 certificate / Trusted Platform Module (TPM) / Enterprise Certificate Authority
Configure auto-provisioning.		Developer role / Device role / Manufacturer role / Operator role

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Requirement	Option	
Configure group enrollment.		X.509 certificate / Trusted Platform Module (TPM) / Enterprise Certificate Authority
Configure auto-provisioning.		Developer role / Device role / Manufacturer role / Operator role
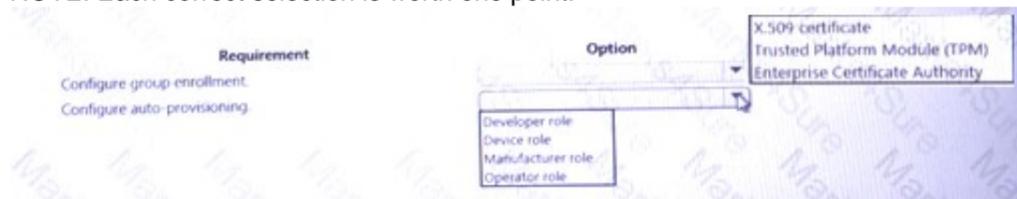
NEW QUESTION 27
- (Exam Topic 3)
You are developing a project management service by using ASP.NET. The service hosts conversations, files, to-do lists, and a calendar that users can interact with at any time.
The application uses Azure Search for allowing users to search for keywords in the project data.

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 31
- (Exam Topic 3)
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 34
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result these questions
will not appear in the review screen.
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 35
- (Exam Topic 3)
You have a task that includes a WebJob that should run continuously. The WebJob Log exhibit shows the text that is displayed when the WebJob runs. (Click the WebJob Log tab.)
The WebJob is configured as shown in the WebJob Configuration exhibit. (Click the WebJob Configuration tab.)
The WebJob is not functioning as expected. The WebJob Code exhibit has a comment that shows where code should be added. (Click the WebJob Code tab.)
You need to identify any issues with the WebJob.
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

+ Add	⟳ Refresh	⬀ Logs	🗑 Delete	≡ Properties

🔍 Search (Ctrl+/)   «

🌐 WebJobs

- 🔑 Authentication / Authorization
- 📍 Application Insights
- 🟥 Managed service identity
- ☁ Backups
- ▦ Custom domains
- 🛡 SSL settings
- ↔ Networking
- ✎ Scale up (App Service plan)
- ✎ Scale out (App Service plan)
- 🔧 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

```
private static Timer workTimer = new Timer();

2 references
static void Main()
{
    Trace.WriteLine("WebJob Setup Starting");
    var config = new JobHostConfiguration();

    if (config.IsDevelopment)
    {
        config.UseDevelopmentSettings();
    }

    workTimer.Interval = TimeSpan.FromSeconds(10).TotalMilliseconds;
    workTimer.Elapsed += WorkTimer_Elapsed;
    workTimer.AutoReset = true;
    workTimer.Enabled = true;

    Console.WriteLine("WebJob Started");
}

1 reference
private static void WorkTimer_Elapsed(object sender, ElapsedEventArgs e)
{
    Console.WriteLine("Workload Processing");
    // ToDo - Implement code
    Trace.WriteLine("Workload Complete");
}
}
```

Answer Area

	Yes	No
The WebJob will run continuously as the code is written.	O	O
The text WebJob Setup Starting will output to the WebJob Logs.	O	O
The timer-elapsed code will be invoked and run at least once.	O	O
The WebJob settings are properly configured in the Azure portal.	O	O

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

	Yes	No
The WebJob will run continuously as the code is written.	[O]	O
The text WebJob Setup Starting will output to the WebJob Logs.	[O]	O
The timer-elapsed code will be invoked and run at least once.	[O]	O
The WebJob settings are properly configured in the Azure portal.	O	[O]

NEW QUESTION 38
- (Exam Topic 3)
Contoso. Ltd. provides an API to customers by using Azure API Management (ARM). The API authorizes users with a JWT token
You must implement response caching for the APIM gateway. The caching mechanism must detect the user ID of the client that accesses data for a given location and cache the response for that user ID.
You need to add the following policies to the policies file:
• a set-variable policy to store the detected user identity
• a cache-lookup-value policy
• a cache-store-value policy
• a find-and-replace policy to update the response body with the user profile information
To which policy section should you add the policies? To answer, drag the appropriate sections to the correct policies. Each section may be used once, more than once, or not at all.
You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.
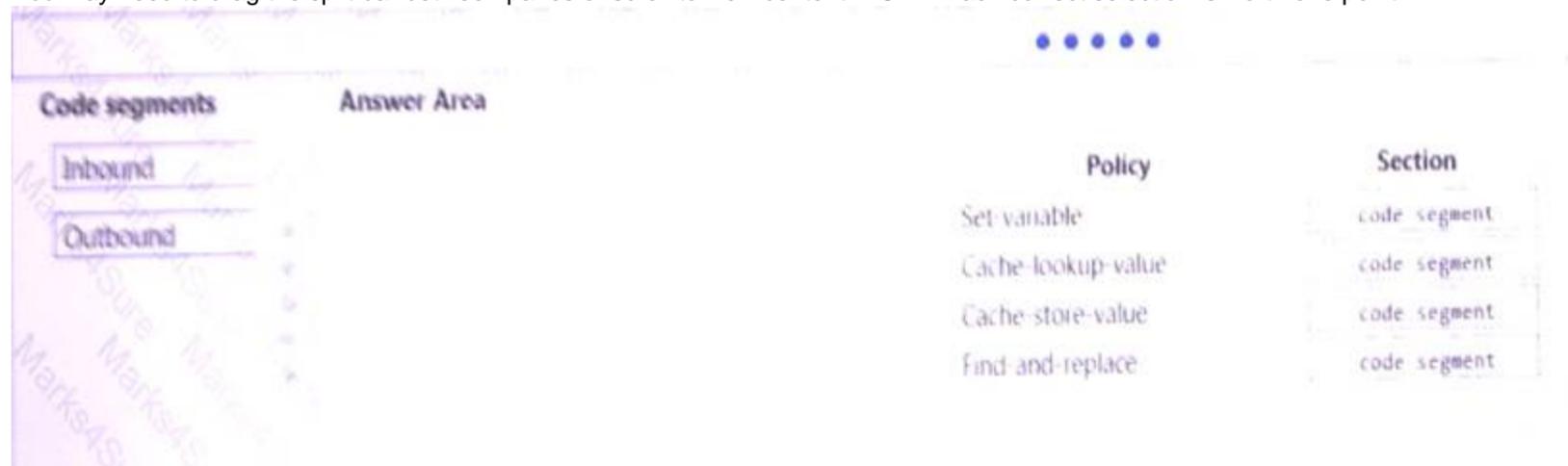
A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 39
- (Exam Topic 3)
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 42
- (Exam Topic 3)
You are developing an online order website that uses Azure Durable Functions- You develop the following processes for the website:

Process	Requirements
Add items to the shopping cart.	• 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.	• 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.	• Confirm order information, including quantities and shipment method. • Collect billing information. • Collect shipping information. • Finalize the purchase.

You need to identify what types of functions to use for each step of the process.
Which function types should you use? To answer, drag the appropriate function types to the correct operations. Each function type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.
You need to identify what types of functions to use for each step of the process.
Which function types should you use? To answer, drag the appropriate function types to the correct operations. Each function type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 43
- (Exam Topic 3)
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.
NOTE: Each correct selection is worth one point.

Commands

```
az iot hub device-identity show-connection-string
  --hub-name <iot-hub-name>
  --device-id <device-id>
```

```
az iot hub device-identity export
  --hub-name <iot-hub-name>
  --device-id <device-id>
```

```
az extension add
  --name <iot-extenstion-name>
```

```
az iot hub device-identity create
  --hub-name <iot-hub-name>
  --device-id <device-id>
```

```
az iot hub device-identity import
  --hub-name <iot-hub-name>
  --device-od <device-id>
```

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Run the following command in the command-line environment where you are using the Azure CLI to install the IoT extension:
Step 1: az extension add
--name <iot-extension-name>
Run the following command in the command-line environment where you are using the Azure CLI to install the IoT extension:
az extension add --name azure-cli-iot-ext Step 2: az iot hub device-identity create
--hub-name <iot-hub-name>
--device-id <device-id>
Create a new device in the IoT Hub "DemoHub"
Command: az iot hub device-identity create --hub-name DemoHub --device-id testDevice Step 3: az iot hub device-identity show-connection-string
--hub-name { iot-hub-name }
--device-id <device-id> References:
https://github.com/MicrosoftDocs/azure-docs/blob/master/includes/iot-hub-get-started-create-device-identity.md

NEW QUESTION 48
......

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