

# Exam Questions AZ-300

Microsoft Azure Architect Technologies

<https://www.2passeasy.com/dumps/AZ-300/>



### NEW QUESTION 1

- (Exam Topic 2)

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

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

Answer: B

### NEW QUESTION 2

- (Exam Topic 2)

You need to ensure that the Policy service can implement the policy actions. Which code segment should you insert at line EG07 in EventGridController.cs?

- A. 

```
if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["validationCode"]
    });
}
```
- B. 

```
if (events[0]["eventType"].ToString() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["validationCode"]
    });
}
```
- C. 

```
if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["data"]["validationCode"]
    });
}
```
- D. 

```
if (events[0]["subject"].ToString() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["data"]["validationCode"]
    });
}
```

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

Answer: C

### NEW QUESTION 3

- (Exam Topic 5)

You are developing a workflow solution using Azure technologies.

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

NOTE: Each correct selection is worth one point.

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

A. Mastered  
B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 4

- (Exam Topic 5)

You have an on-premises network that you plan to connect to Azure by using a site-to-site VPN.

In Azure, you have an Azure virtual network named VNet1 that uses an address space of 10.0.0.0/16. VNet1 contains a subnet named Subnet1 that uses an address space of 10.0.0.0/24.

You need to create a site-to-site VPN to Azure.

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: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.



Actions

- Create a gateway subnet.
- Create a custom DNS server.
- Create a local gateway.
- Create an Azure Content Delivery Network (CDN) profile.
- Create a VPN gateway.
- Create a VPN connection.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Create a gateway subnet.
- Create a custom DNS server.
- Create a local gateway.
- Create an Azure Content Delivery Network (CDN) profile.
- Create a VPN gateway.
- Create a VPN connection.

Answer Area

- Create a gateway subnet.
- Create a VPN gateway.
- Create a local gateway.
- Create a VPN connection.

NEW QUESTION 5

- (Exam Topic 5)

You are developing a 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.

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

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

var timeoutTask = context.CallActivityAsync<DateTime>("timeout", expiration);
var timeoutTask = context.CreateTimer(expiration, cts.Token);
var timeoutTask = context.WaitForExternalEvent("timeout", 90000);
var timeoutTask = context.CallSubOrchestratorAsync("timeout", expiration);

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

if (!timeoutTask.IsCompleted)
if (!timeoutTask.IsCanceled)
if (!context.IsReplaying)
if (!cts.IsCancellationRequested)

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



```
[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;
    }
}
```

#### NEW QUESTION 6

- (Exam Topic 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 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 have an Azure Active Directory (Azure AD) tenant named Adatum and an Azure Subscription named Subscription 1. Adatum contains a group named Developers. Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Subscription1, you assign the DevTest Labs User role to the Developers group. Does this meet the goal?

- A. Yes
- B. NO

**Answer:** B

#### NEW QUESTION 7

- (Exam Topic 5)

You configure Azure AD Connect for Azure Active Directory Seamless Single Sign-On (Azure AD Seamless SSO) for an on-premises network.

Users report that when they attempt to access myapps.microsoft.com, they are prompted multiple times to sign in and are forced to use an account name that ends with onmicrosoft.com.

You discover that there is a UPN mismatch between Azure AD and the on-premises Active Directory. You need to ensure that the users can use single-sign on (SSO) to access Azure resources. What should you do first?

- A. From the on-premises network, deploy Active Directory Federation Services (AD FS).
- B. From the server that runs Azure AD Connect, modify the filtering options.
- C. From the on-premises network, request a new certificate that contains the Active Directory domain name.
- D. From Azure AD, add and verify a custom domain name.

**Answer:** D

#### NEW QUESTION 8

- (Exam Topic 5)

You plan to develop an Azure Stream Analytics job that ingests streaming data from legacy, SaaS, and cloud applications. The data will be u data analysis.

You need to select Azure resources to handle the data input and output for the solution Which resources should you use?

- A. Input Event Hub, output: Event Hub
- B. Input Blobs, output: IoT Hub
- C. Input IoT Hub, output: Service Bus
- D. Input Service Bus, output: IoT Hub

**Answer:** D

#### NEW QUESTION 9

- (Exam Topic 5)

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

```

01 public class MessagesController : 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 Task StartAsync(IDialogContext context)
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 <b>support</b> .        | <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"/> |



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



#### NEW QUESTION 10

- (Exam Topic 5)

Note: This question is part of 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.

A company backs up data to on-premises servers at their main facility. The company currently has 30 TB of archived data that infrequently used. The facility has download speeds of 100 Mbps and upload speeds of 20 Mbps.

You need to securely transfer all backups to Azure Blob Storage for long-term archival. All backup data must be sent within seven days.

Solution: Backup data to local disks and use the Azure Import/Export service to send backups to Azure Blob Storage.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### NEW QUESTION 10

- (Exam Topic 5)

You download an Azure Resource Manager template based on an existing virtual machine. The template will be used to deploy 100 virtual machines.

You need to modify the template to reference an administrative password. You must prevent the password from being stored in plain text.

What should you create to store the password?

- A. an Azure Key Vault and an access policy.
- B. an Azure Storage account and an access policy.
- C. Azure Active Directory (AD) Identity Protection and an Azure policy.
- D. a Recovery Services vault and a backup policy.

**Answer:** A

#### NEW QUESTION 14

- (Exam Topic 5)

You are developing a back-end Azure App Service that scales based on the number of messages contained in a Service Bus queue.

A rule already exists to scale up the App Service when the average queue length of unprocessed and valid queue messages is greater than 1000.

You need to add a new rule that will continuously scale down the App Service as long as the scale up condition is not met.

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

Scale Rule

X

Metric source

Storage queue
Service Bus queue
Current resource
Storage queue(classic)

Resource type

Service Bus Namespaces v
--------------------------

Resource

MessageQueue1103 v
--------------------

\*Queues

itemqueue v
-------------

Criteria

\*Metric name

Message Count
Active Message Count

1 minute time grain

\*Time grain statistic ⓘ

Total
Maximum
Average
Count

\*Operator

Greater than
Greater than or equal to
Less than
Less than or equal to

\*Threshold

1000
------

Action

\*Operation

Increase count by
Increase count to
Decrease count by
Decrease count to

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Scale Rule

X

Metric source

Storage queue
Service Bus queue
Current resource
Storage queue(classic)

Resource type

Service Bus Namespaces v

Resource

MessageQueue1103 v

\*Queues

itemqueue v

Criteria

\*Metric name

Message Count
Active Message Count

1 minute time grain

\*Time grain statistic ⓘ

Total
Maximum
Average
Count

\*Operator

Greater than
Greater than or equal to
Less than
Less than or equal to

\*Threshold

1000

Action

\*Operation

Increase count by
Increase count to
Decrease count by
Decrease count to

\*Cool down (minutes) ⓘ

5




UPDATE


DELETE





- (Exam Topic 5)


You have an Azure Active Directory (Azure AD) tenant that contains three global administrators named Admin1, Admin2, and Admin3.


+ Add
  Remove
  Roles
  Refresh
 ? Help

Name 



Type 

Role 


Scope 

Group by 

5 items (4 Users, 1 Service Principals)

<input type="checkbox"/>	NAME	TYPE	ROLE	SCOPE
<input type="checkbox"/>	OWNER  <div>  <div>             Admin3              Admin3@contltd...           </div> </div>	User	Owner 	Service administ... This resource ...

 Save

 Discard

\*Name

Contoso

Country or region

United States

Location

United States datacenters

Notification language

English


Global admin can manage Azure Subscriptions and Management Groups

YES

NO

Directory ID

a8ccb916-31f3-4582-b9b7-854f413d7177



Technical contact

Global privacy contact

Privacy statement URL

*Passing Certification Exams Made Easy*

Statements	Yes	No
Admin1 can add Admin2 as an owner of the subscription.	<input type="radio"/>	<input type="radio"/>
Admin2 can add Admin1 as an owner of the subscription.	<input type="radio"/>	<input type="radio"/>
Admin2 can create a resource group in the subscription.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Admin1 can add Admin2 as an owner of the subscription.	<input checked="" type="radio"/>	<input type="radio"/>
Admin2 can add Admin1 as an owner of the subscription.	<input type="radio"/>	<input checked="" type="radio"/>
Admin2 can create a resource group in the subscription.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 21

- (Exam Topic 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 that might meet the stated goals.

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You have an Azure Active Directory (Azure AD) tenant named Adatum and an Azure Subscription1 named Subscription1. Adatum contains a group named Developers. Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Subscription1, you assign the logic App Operator role to the Developers group. Does this meet the goal?

- A. Yes  
B. NO

Answer: B

NEW QUESTION 24

- (Exam Topic 5)

You are developing a rating service for books that runs on Azure Service Fabric. One of the services uses reliable collections that update the ratings of a book. Testers report that the ratings are not updated when the code is run.

You need to implement the code to ensure that ratings are updated in the collection. You have the following class:

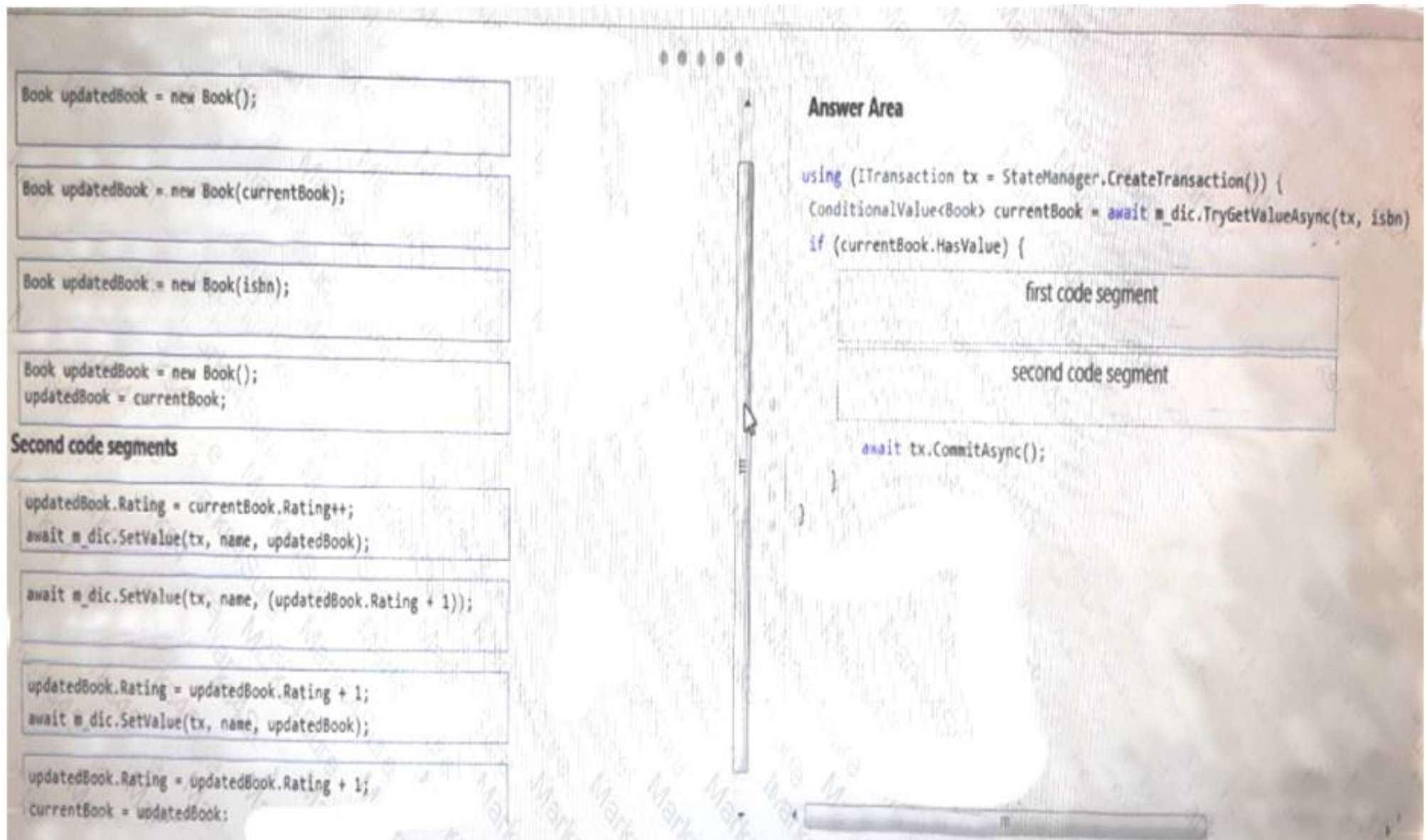
```
class Book
{
    string Name;
    string Rating;

    public Book(Book refBook)
    {
        Name = refBook.Name;
        Rating = refBook.Rating;
    }
}
```

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

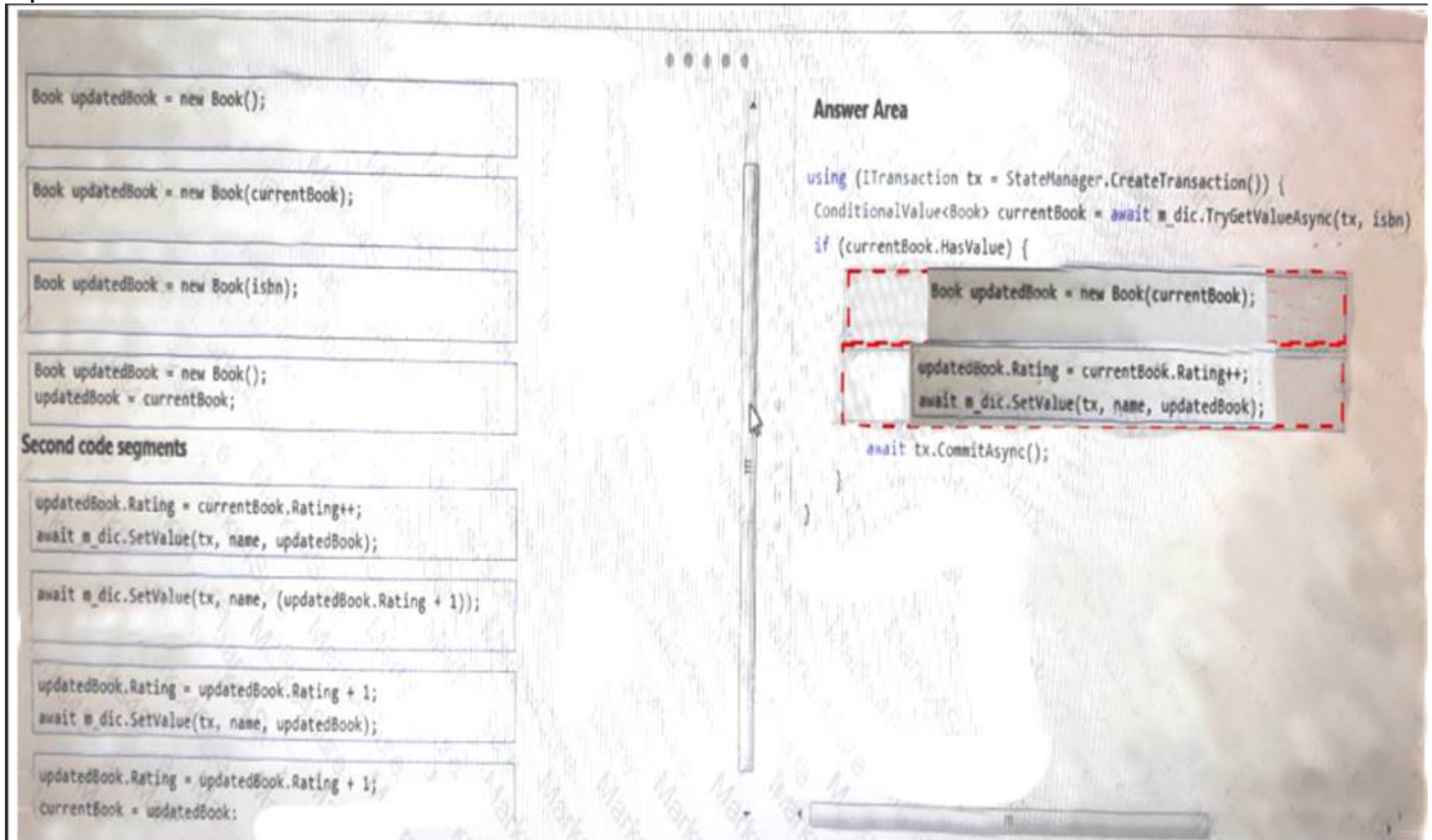




- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



#### NEW QUESTION 29

- (Exam Topic 5)

You have a cloud solution that uses an Azure Functions consumption plan to scale hundreds of processes. A portion of the code is shown below. (Line numbers are included for reference only.)



```

01 [FunctionName("StartFunction")]
02 public static async Task<HttpResponseMessage> RunSingle(
03     [HttpTrigger(AuthorizationLevel.Function, methods:
04         "post", Route = "orchestrators/contoso_function01/<instance_id>")]
05     HttpRequestMessage req,
06     [OrchestrationClient] DurableOrchestrationClient starter,
07     string functionName, string instanceId, TraceWriter log)
08 {
09     var existingInstance = await starter.GetStatusAsync(instanceId);
10     if (existingInstance == null)
11     {
12         dynamic eventData = await req.Content.ReadAsAsync<object>();
13         await starter.StartNewAsync(functionName, instanceId, eventData);
14         log.Info($"Created");
15         return starter.CreateCheckStatusResponse(req, instanceId);
16     }
17     else
18     {
19         return req.CreateErrorResponse(HttpStatusCode.Conflict, $"Cannot create");
20     }
21 }

```

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
The code intends to create an Azure Function singleton instance.		<input type="radio"/>	<input type="radio"/>
If no instanceID is passed into StartNewAsync, a random id is generated for the function.		<input type="radio"/>	<input type="radio"/>
The code ensures that there will never be two instances of the same function running.		<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

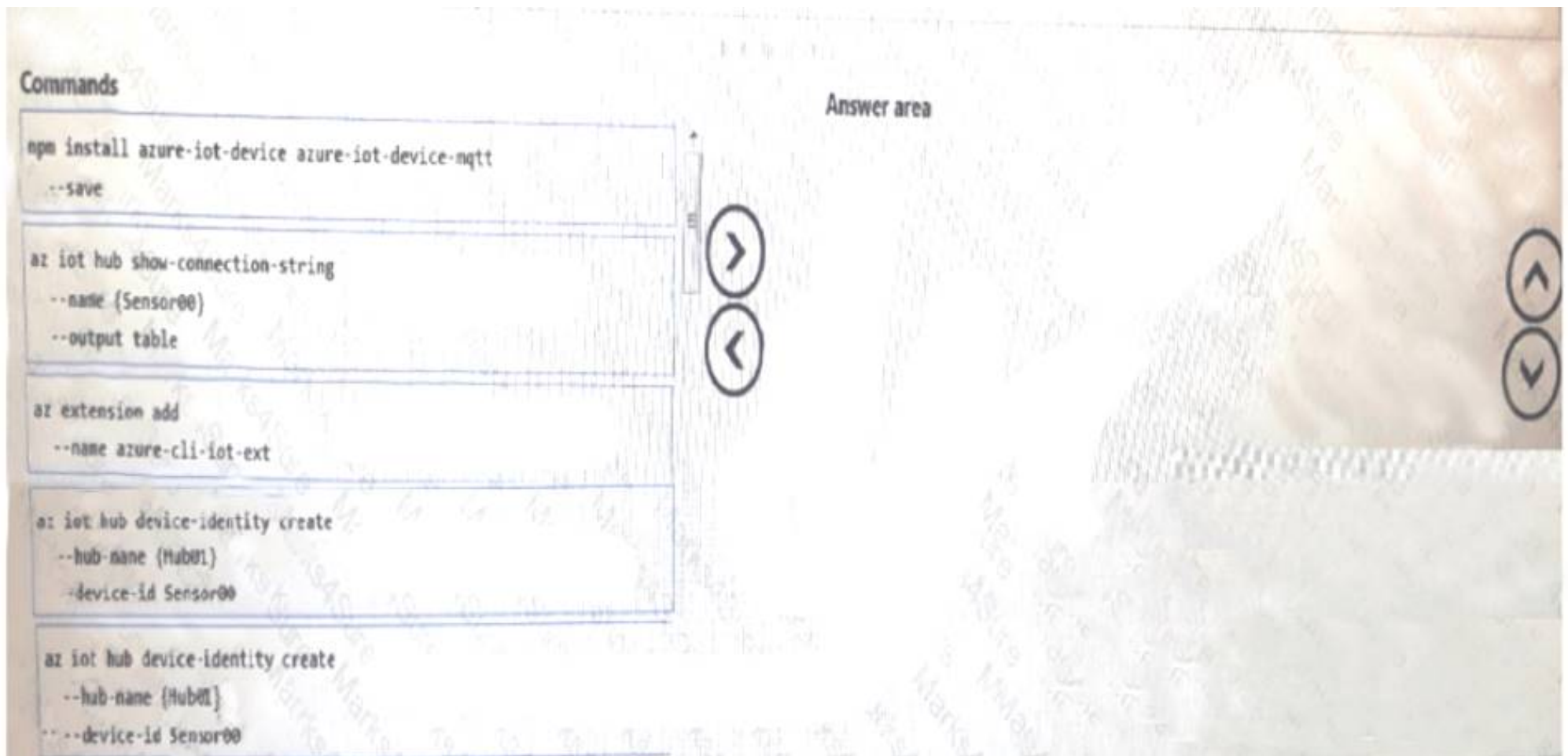
Answer Area		Yes	No
The code intends to create an Azure Function singleton instance.		<input type="radio"/>	<input checked="" type="radio"/>
If no instanceID is passed into StartNewAsync, a random id is generated for the function.		<input checked="" type="radio"/>	<input type="radio"/>
The code ensures that there will never be two instances of the same function running.		<input checked="" type="radio"/>	<input type="radio"/>

### NEW QUESTION 32

- (Exam Topic 5)

You develop an IoT solution by using Nodejs. The solution is ready to deploy to the production environment. You must implement the device twin capabilities of Azure IoT Hub. You must register a sensor named Sensor00. The IoT Hub name is Hub01.

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



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 34**

- (Exam Topic 5)

You are developing an ASP.NET web application that you will deploy to Azure. The solution must meet the following requirements:

- Store user session state by using only serializable data types.
- Provide customizable caching of session data.
- Support scaling out the number of web hosts-
- Maximize performance.

Which solution meets these requirements?

- A. Clustered Azure Redis Cache
- B. ASP.NET Output Cache provider for Azure Redis Cache
- C. in-memory session state provider
- D. SQL Server session state provider

**Answer:** C

**NEW QUESTION 39**

- (Exam Topic 5)

You have an Azure Active Directory (Azure AD) tenant.

You have an existing Azure AD conditional access policy named Policy1. Policy1 enforces the use of Azure AD-joined devices when members of the Global Administrators group authenticate to Azure AD from untrusted locations.

You need to ensure that members of the Global Administrators group will also be forced to use multi-factor authentication when authenticating from untrusted locations.

What should you do?

- A. From the Azure portal, modify session control of Policy1.
- B. From multi-factor authentication page, modify the user settings.
- C. From multi-factor authentication page, modify the service settings.
- D. From the Azure portal, modify grant control of Policy1.

**Answer:** D

**NEW QUESTION 41**

- (Exam Topic 5)

You have an Azure Service Bus.

You need to implement a Service Bus queue that guarantees first-in-first-out (FIFO) delivery of messages. What should you do?

- A. Enable partitioning
- B. Enable duplicate detection
- C. Set the Lock Duration setting to 10 seconds
- D. Enable sessions
- E. Set the Max Size setting of the queue to 5 GB

Answer: D

Explanation:

References:

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

#### NEW QUESTION 46

- (Exam Topic 5)

You plan to deploy five virtual machines to a virtual network subnet.

Each virtual machine will have a public IP address and a private IP address. Each virtual machine requires the same inbound and outbound security rules.

What is the minimum number of network interfaces and network security groups that you require? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Minimum number of network interfaces:

<input type="checkbox"/>	v
5	
10	
15	
20	

Minimum number of network security groups:

<input type="checkbox"/>	v
1	
2	
5	
10	

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Minimum number of network interfaces:

<input type="checkbox"/>	v
5	
10	
15	
20	

Minimum number of network security groups:

<input type="checkbox"/>	v
1	
2	
5	
10	

#### NEW QUESTION 50

- (Exam Topic 5)

Your company develops a bot that uses QnA Maker knowledge bases and Language Understanding Intelligence Services (LUIS). You create the QnA Maker service, knowledge bases, and the LUIS app.

The bot application must use LUIS to determine which QnA Maker knowledge base to use.

You need to integrate LUIS with the QnA Maker knowledge bases and maximize the effectiveness for selecting the QnA Maker knowledge bases before testing the bot.

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.



Actions	Answer Area
Configure the bot app to link LUIS app intents to the knowledge bases.	
Create utterances for the LUIS app that correspond to the knowledge bases.	
Create intents for the LUIS app that correspond to knowledge bases.	
Publish the LUIS application.	
Configure the bot app to link LUIS app entities to the knowledge bases.	
Create entities for the LUIS app that correspond to the knowledge bases.	
Train the LUIS application.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Actions	Answer Area
Configure the bot app to link LUIS app intents to the knowledge bases.	Create intents for the LUIS app that correspond to knowledge bases.
Create utterances for the LUIS app that correspond to the knowledge bases.	
Create intents for the LUIS app that correspond to knowledge bases.	Train the LUIS application.
Publish the LUIS application.	Publish the LUIS application.
Configure the bot app to link LUIS app entities to the knowledge bases.	
Create entities for the LUIS app that correspond to the knowledge bases.	Configure the bot app to link LUIS app intents to the knowledge bases.
Train the LUIS application.	

#### NEW QUESTION 53

- (Exam Topic 5)

You are developing an Azure web application to store and archive patient medical records in Azure. You need to configure data storage to meet the following policies:

- Ensure that you can configure a retention period for patient records.
- Archived data must be readable.
- Archived data must not be modified or deleted. Which Azure storage service should you use?

- A. Azure Tables
- B. Azure Blobs
- C. Azure Queues
- D. Azure Files

**Answer:** A

#### NEW QUESTION 54

- (Exam Topic 5)

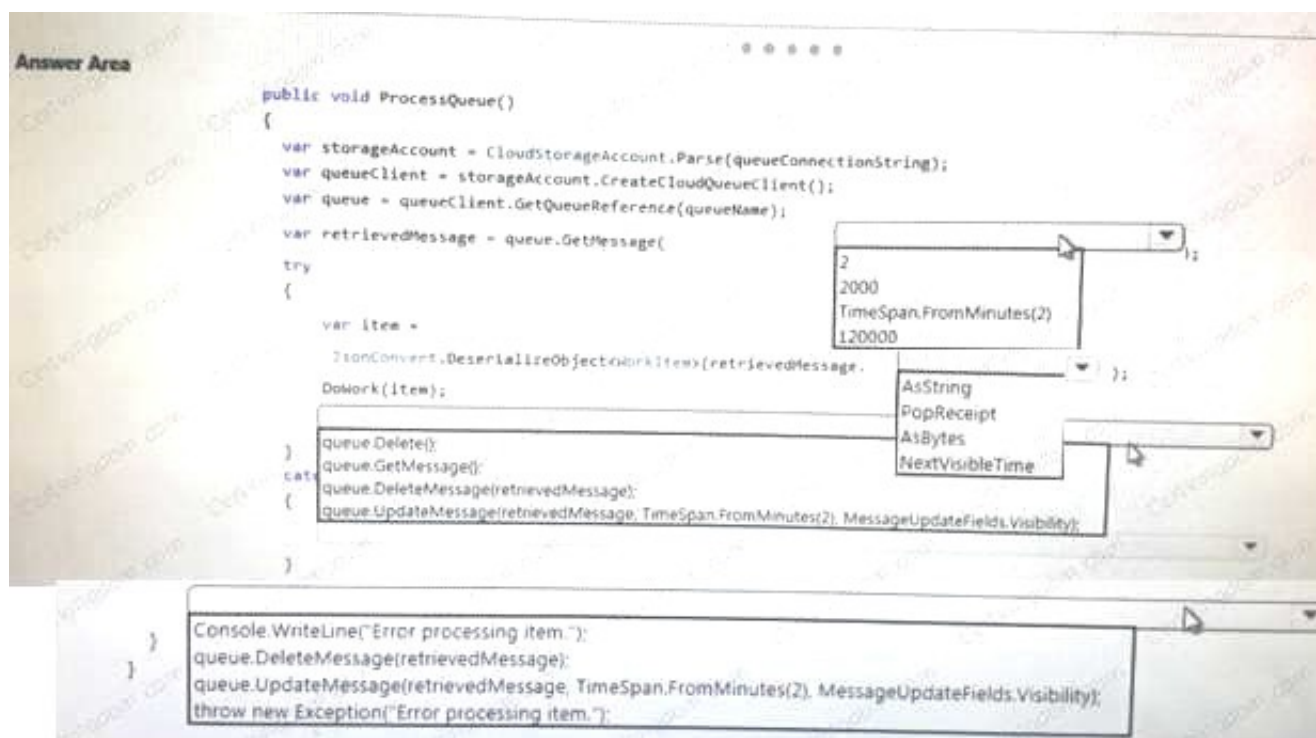
An application that you manage has several web front-end instances. Each web front end communicates with a set of back-end worker processes by using an Azure queue. You are developing code for the worker processes. You have a function named DoWork0 that handles d3ta processing tasks.

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

- Property 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 area. NOTE: Each correct selection is worth one point.

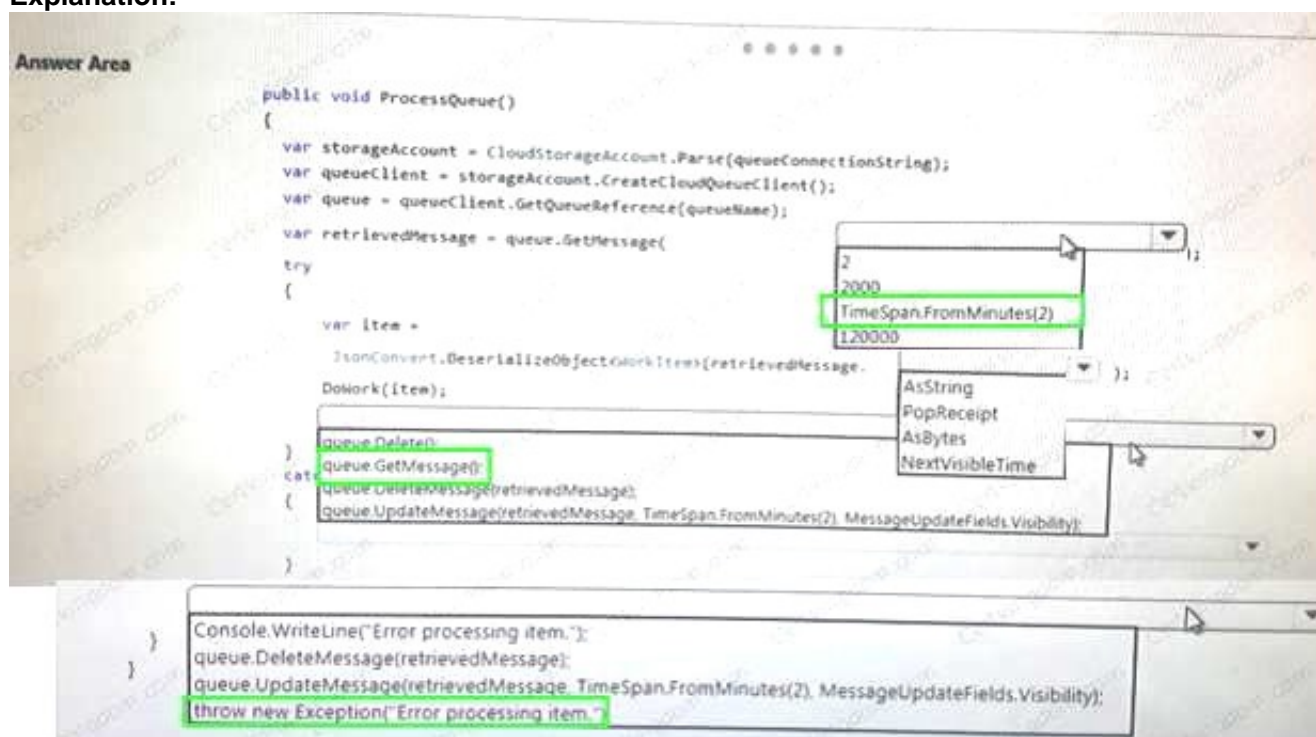




- A. Mastered  
B. Not Mastered

Answer: A

Explanation:



#### NEW QUESTION 56

- (Exam Topic 5)

A company has the following offices:

Office	Comments
Location1	This office has 30 networked computers, a VPN server, and a server that runs Microsoft Exchange.
Location2	This office has five on-premises servers.

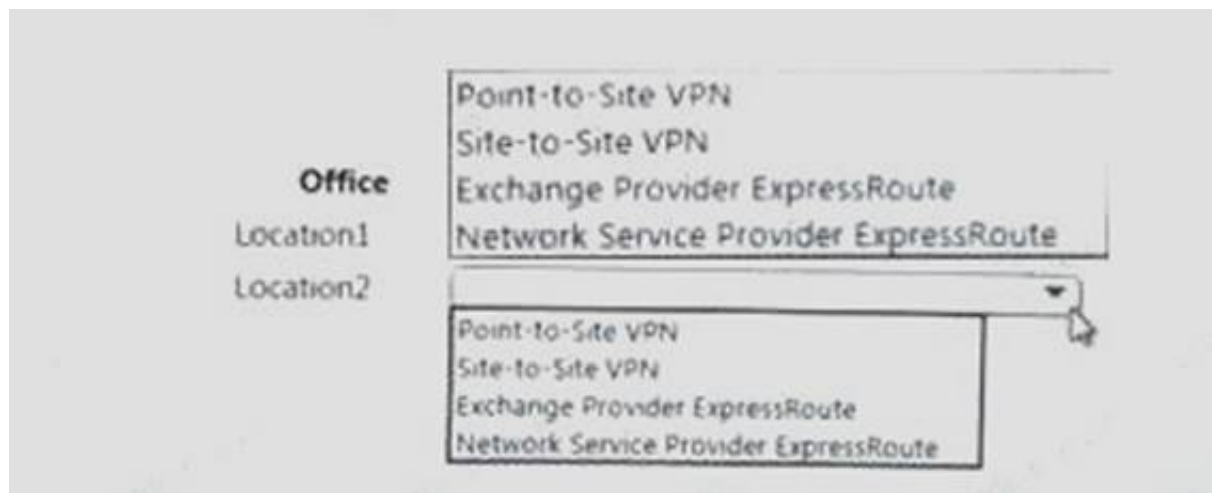
The company plans to expand its network to the cloud. You identify the following requirements:

- Location1 requires a dynamic pool of virtual machines (VMs) for offsite computations
- Employees from Location1 must be able to connect to VMs through a virtual network to start tasks and check results.
- Servers from Location2 must privately and continuously back up all data to Azure. The process will require up to 1 Gbps bandwidth.

You need to configure the hybrid solution.

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

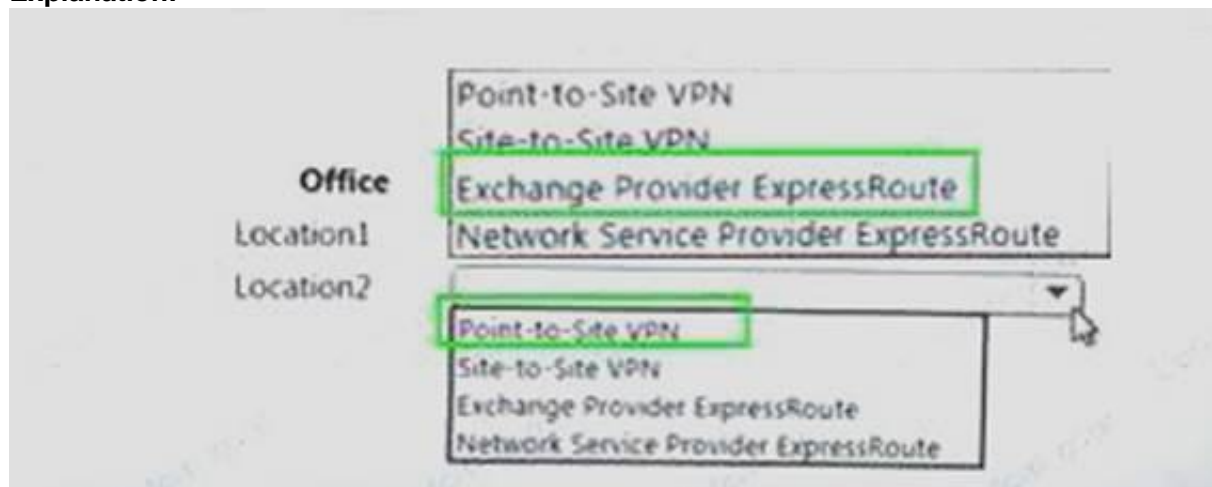




- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



#### NEW QUESTION 57

- (Exam Topic 5)

You set the multi-factor authentication status for a user named admin1@contoso.com to Enabled.

Admin1 accesses the Azure portal by using a web browser.

Which additional security verifications can Admin1 use when accessing the Azure portal?

- A. an app password, a text message that contains a verification code, and a verification code sent from the Microsoft Authenticator app
- B. a phone call, a text message that contains a verification code, and a notification or a verification code sent from the Microsoft Authenticator app
- C. a phone call, an email message that contains a verification code, and a text message that contains an app password
- D. an app password, a text message that contains a verification code, and a notification sent from the Microsoft Authenticator app

**Answer: B**

**Explanation:**

References:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods>

#### NEW QUESTION 58

- (Exam Topic 6)

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

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

**Answer: A**

#### NEW QUESTION 62

- (Exam Topic 6)

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

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

**Answer: B**

**Explanation:**

References:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-develop-error-messages>

#### NEW QUESTION 67

- (Exam Topic 6)

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**

#### Explanation:

References:

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

#### NEW QUESTION 68

- (Exam Topic 6)

You need to meet the security requirements. What should you use?

A. HTTP Strict Transport Security (HSTS)

B. Direct Line API

C. Multi-Factor Authentication (MFA)

D. Bot Framework Portal

E. Bot Framework authentication

**Answer: E**

#### NEW QUESTION 72

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