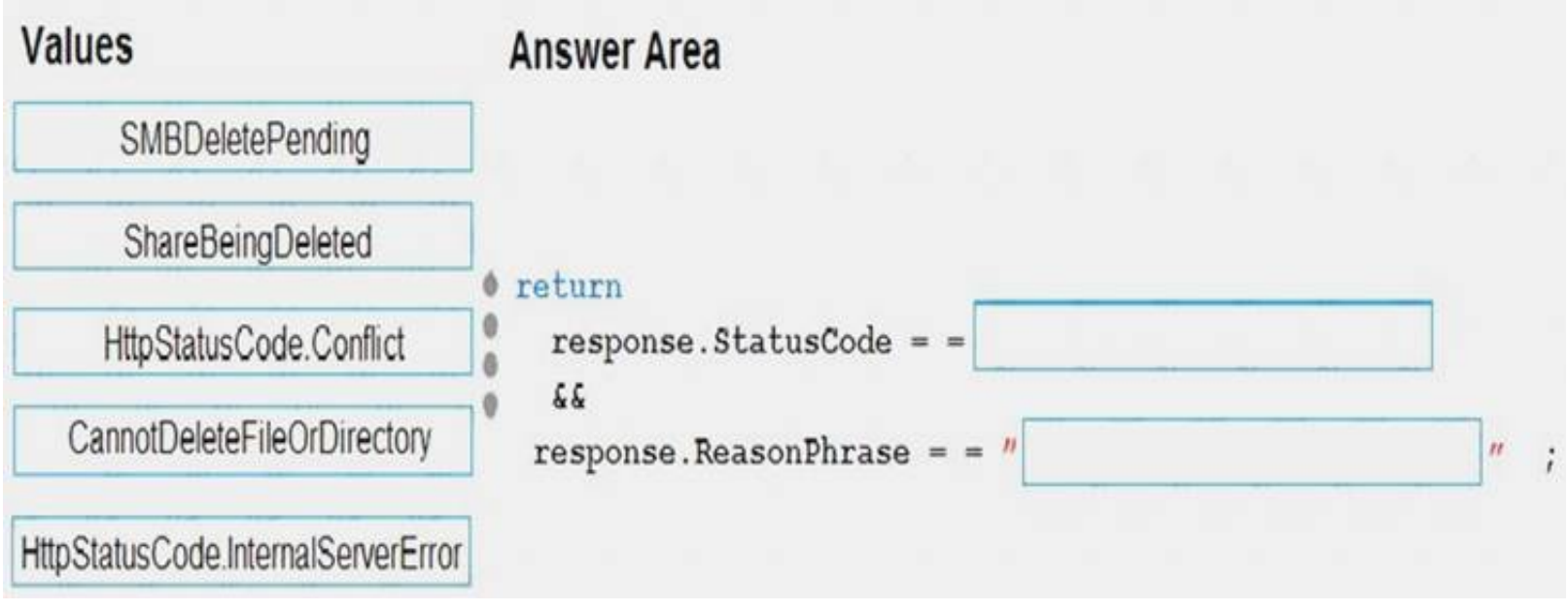

# Microsoft

## Exam Questions AZ-200

Microsoft Azure Developer Core Solutions

**NEW QUESTION 1**
- (Exam Topic 1)
You need to ensure that the upload format issue is resolved. What code should you add at line RU14?
To answer, drag the appropriate code fragments to the correct locations. Each code fragment 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

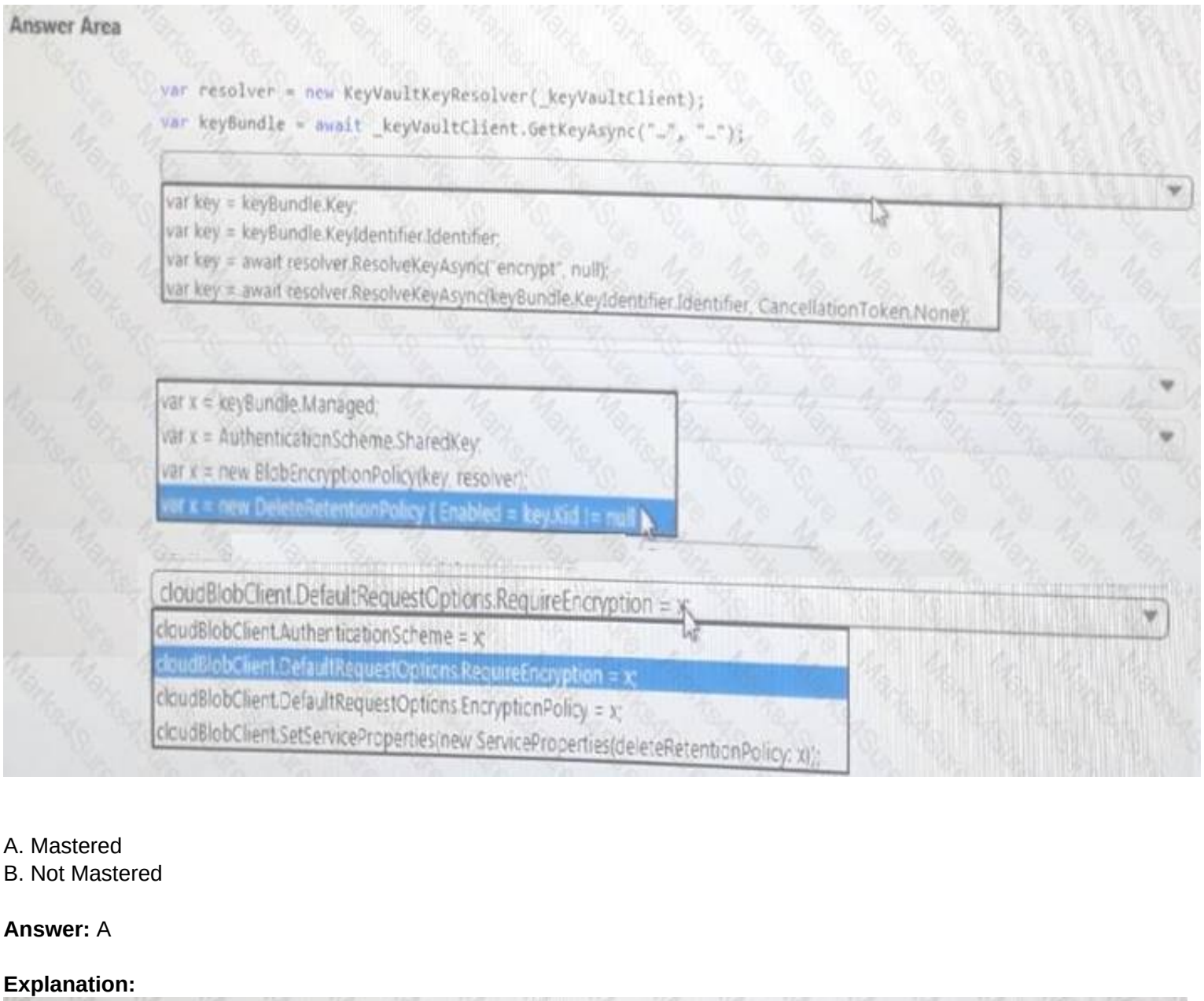
**Explanation:**
Box 1: HttpStatusCode.InternalServerError
HttpStatusCode.InternalServerError is equivalent to HTTP status 500. InternalServerError indicates that a generic error has occurred on the server.
Box 2: CannotDeleteFileOrDirectory
HttpResponseMessage.ReasonPhrase Property gets or sets the reason phrase which typically is sent by servers together with the status code.
Scenario: Upload format issue
Employees occasionally report an issue with uploading a receipt using the web application. They report that when they upload a receipt using the Azure File Share, the receipt does not appear in their profile. When this occurs, they delete the file in the file share and use the web application, which returns a 500 Internal Server error page.
References:
https://docs.microsoft.com/en-us/dotnet/api/system.net.httpstatuscode?redirectedfrom=MSDN&view=netframew

**NEW QUESTION 2**
- (Exam Topic 1)
You need to resolve the log capacity issue. What should you do?

A. Implement Application Insights Sampling.
B. Change the minimum log level in the host.json file for the function.
C. Create an Application Insights Telemetry Filter.
D. Set a LogCategoryFilter during startup.

**Answer:** A

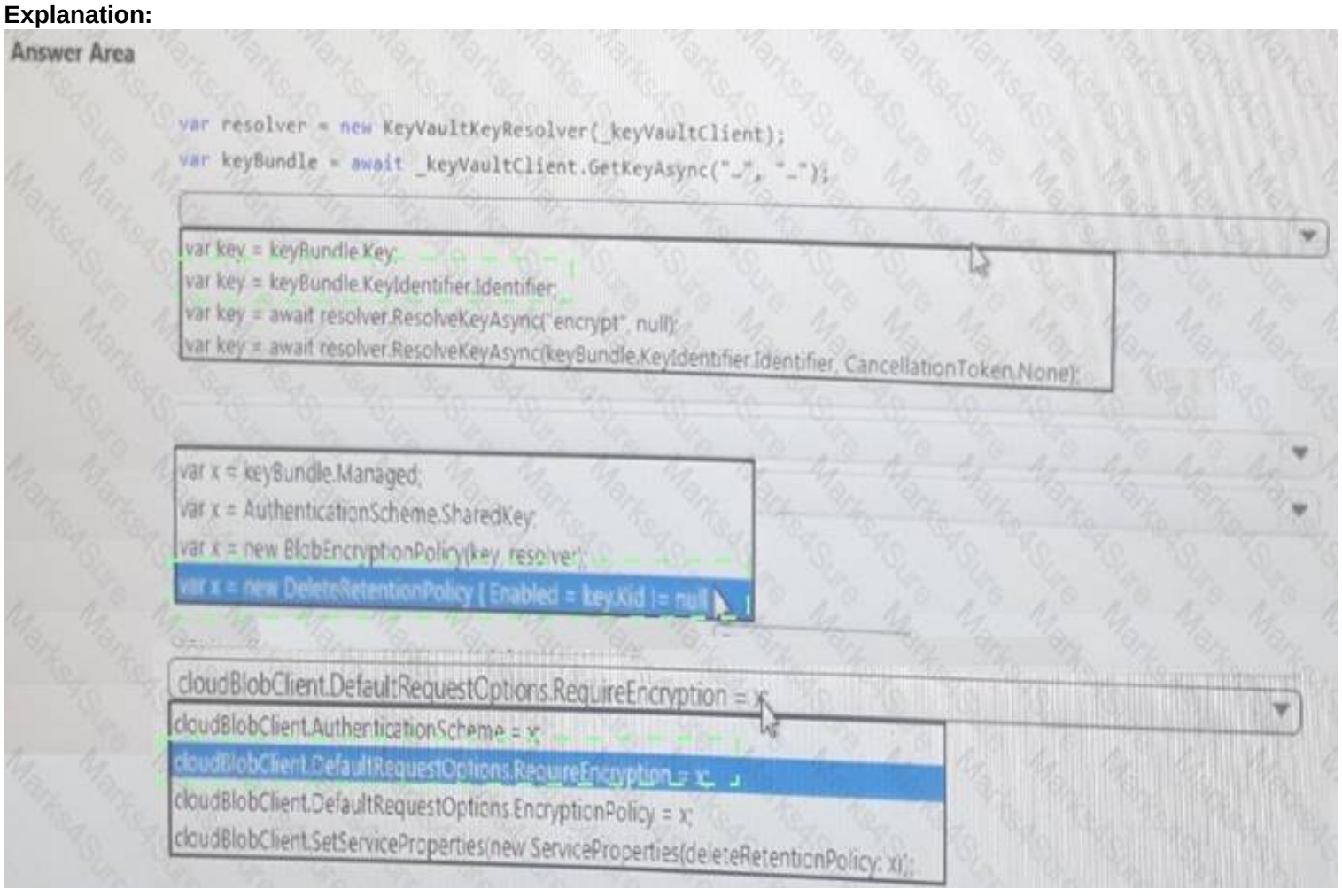
**NEW QUESTION 3**
- (Exam Topic 1)
You need to ensure that security policies are met. What code should you add at Line PC26?
To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.




A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



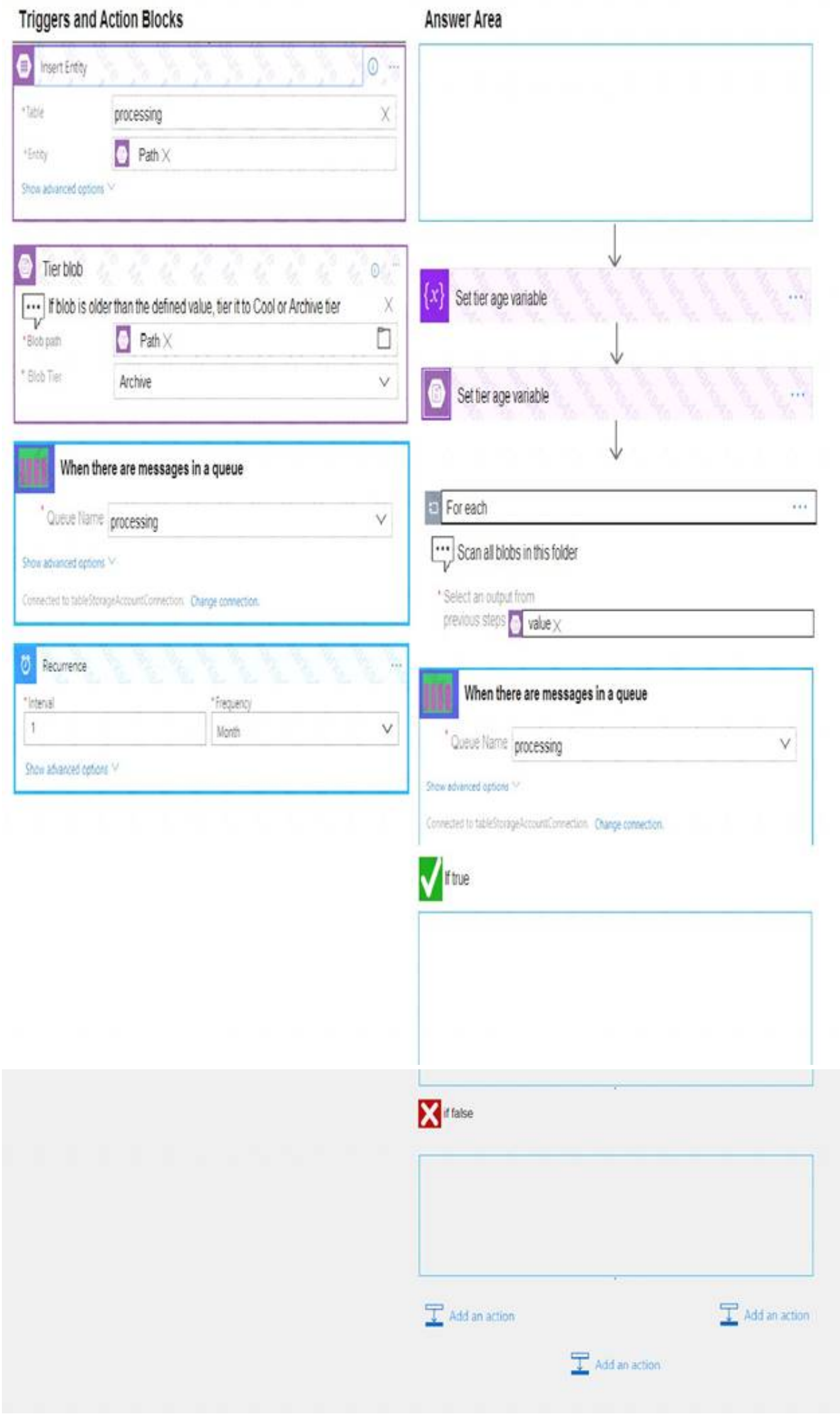

**NEW QUESTION 4**
- (Exam Topic 1)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution Determine whether the solution meets the stated goals.
You need to ensure that the SecurityPin security requirements are met.
Solution: Enable Always Encrypted for the SecurityPin column using a certificate based on a trusted certificate authority. Update the Getting Started document with instruction to ensure that the certificate is installed on user machines.
Does the solution meet the goal?

A. Yes
B. No

**Answer:** B

**NEW QUESTION 5**

- (Exam Topic 2)
A company backs up all manufacturing data to Azure Blob Storage. Admins move blobs from hot storage to archive tier storage every month.
You must automatically move blocks to Archive tier after they have not been accessed for 180 days. The path for any item that is not archived must be placed in an existing queue. This operation must be performed automatically once a month. You set the value of TierAgeInDays to 180.
How should you configure the Logic App? To answer, drag the appropriate triggers or action blocks to the correct trigger or action slots. Each trigger or action block 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.

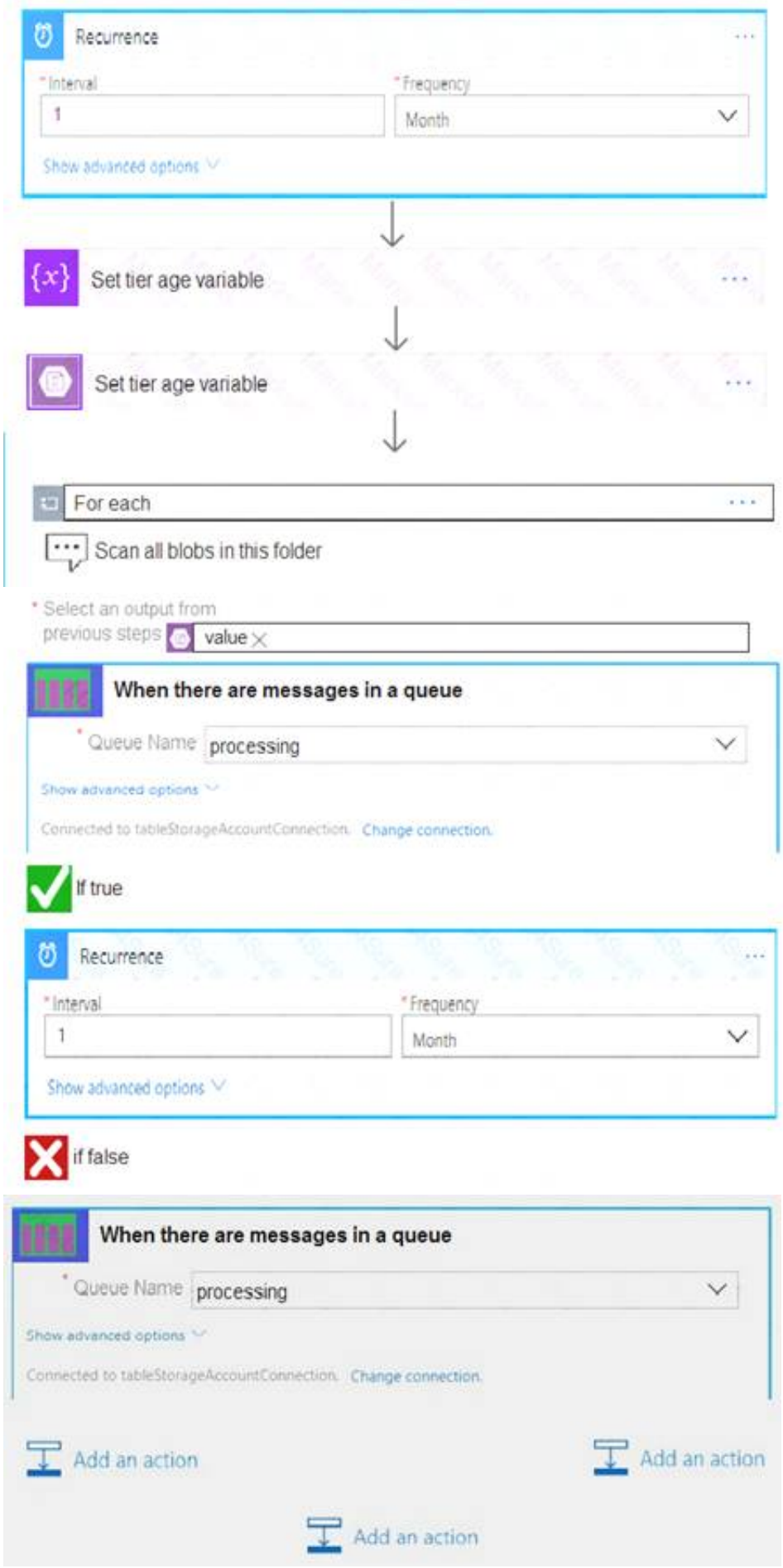



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**




Box 1: Recurrence Box 2: Insert Entity
Box 3 (if true): Tier Blob
Box 4: (if false): Leave blank. References:
https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-perform-data-operations

**NEW QUESTION 6**
- (Exam Topic 2)
You are developing a ticket reservation system for an airline.
The storage solution for the application must meet the following requirements:
• Ensure at least 99.99% availability and provide low latency.
• Accept reservations even in network outages or other unforeseen failures.
• Process reservations in the exact sequence as reservations are submitted to minimize overbooking or selling the same seat to multiple travelers.
• Allow simultaneous and out-of-order reservations with a maximum five-second tolerance window. You provision a resource group named airlineResourceGroup in in the Azure South-Central US region. You need to provision a SQL API Cosmos DB account to support the app.
How should you complete the Azure CLi commands? 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:**

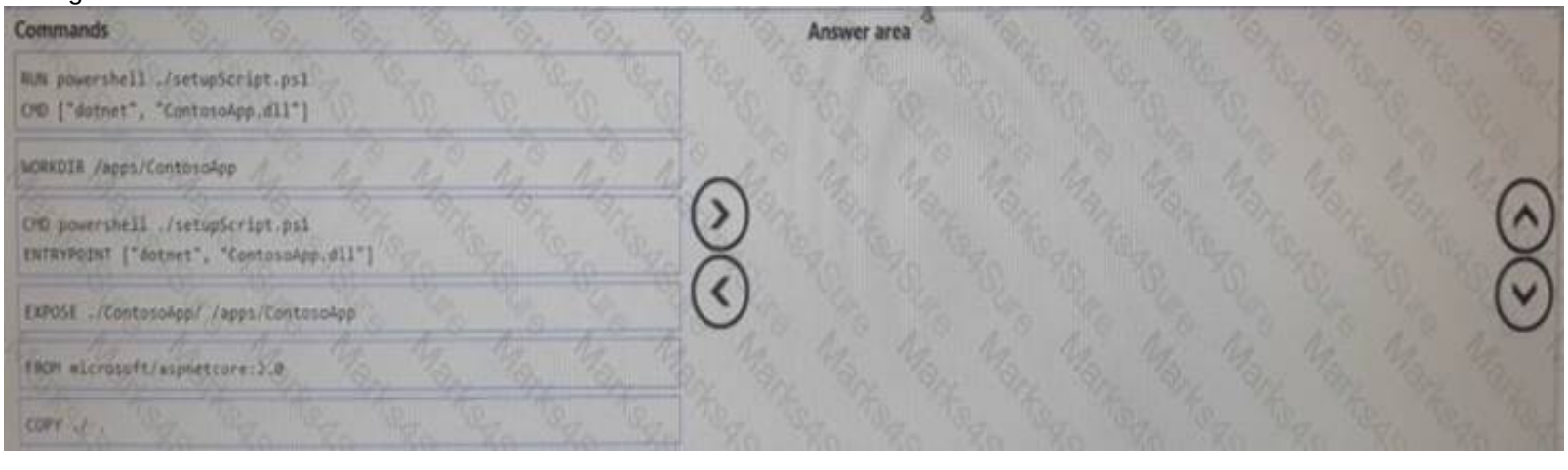

**NEW QUESTION 7**
- (Exam Topic 2)
You develop an app that processes data packages that are less than 10 KB.
The solution processes and then deletes the data packages. Data must be processed by only one instance and must persist if the app is reset but not after it is processed.
You need to select a storage technology for the solution while minimizing costs. Which data storage service should you use?

A. Azure Table Storage
B. Azure Queue Storage
C. Azure Blob Storage
D. Azure Redis Cache
E. Azure SQL Database

**Answer:** C

**NEW QUESTION 8**
- (Exam Topic 2)

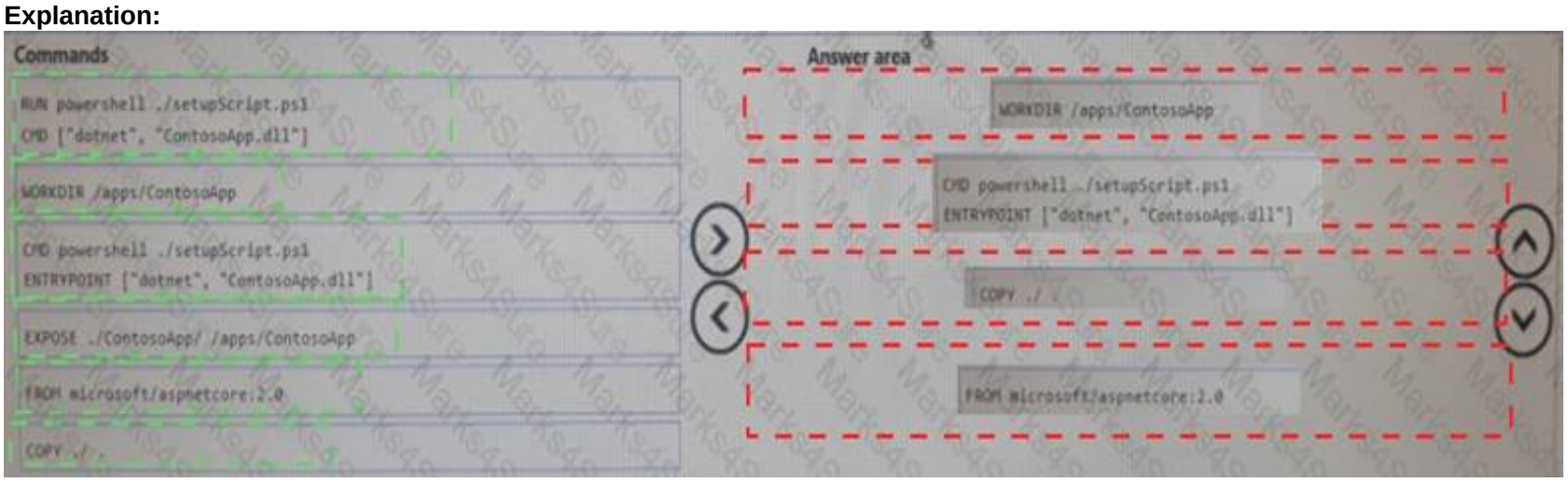
You plan to create a Docker image that runs an ASP.NET Core application named ContosoApp. You have a setup script named setupScript.psl and a series of application files including ConlosoApp.dll.
You need to create a Dockertile document that meets the following requirements:
• Call setupScript.psl when the container is built.
• Run ContosoApp.dll when the container starts.
The Dockerfile document must be created in the same folder where ContosoApp.dll and setupScript.psl are stored.
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.



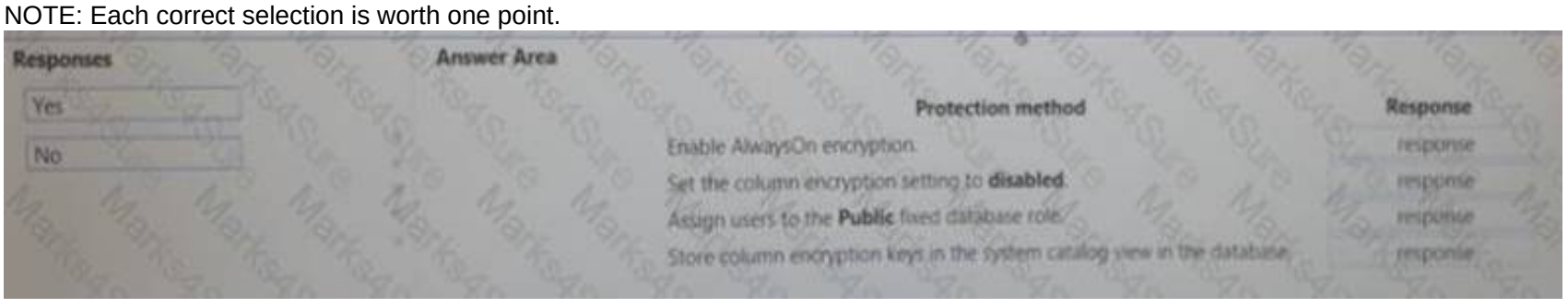

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



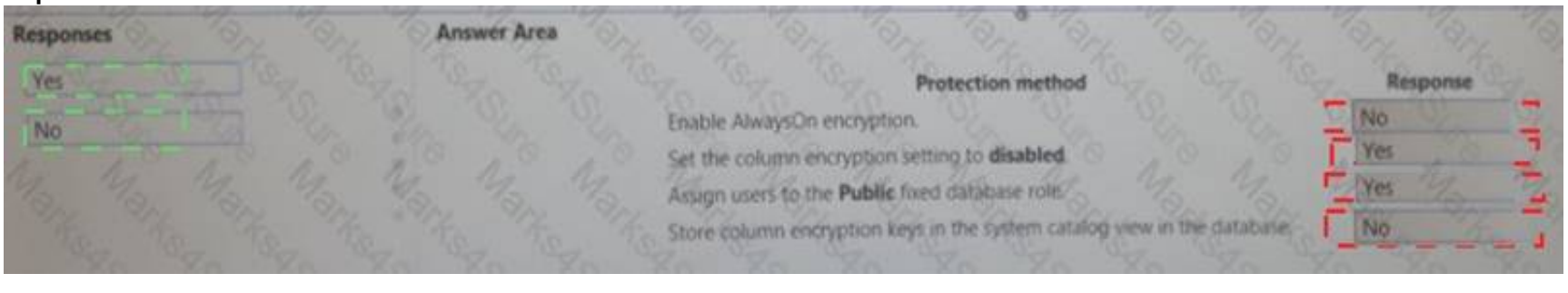

**NEW QUESTION 9**
- (Exam Topic 2)
You maintain an existing Azure SQL Database instance. Management of the database is performed by an external party. All cryptographic keys are stored in an Azure Key Vault.
You must ensure that the external party cannot access the data in the SSN column of the Person table.
Will each protection method meet the requirement? To answer, drag the appropriate responses to the correct protection methods. Each response 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 10**

- (Exam Topic 2)
You develop software solutions for a media services company. You plan to analyze a collection of video files by using Azure Video Indexer.
You need to only generate audio transcripts from the files, as quickly as possible, without incurring extra costs.
To which value should you set the Azure Video Indexer streammgPreset option?

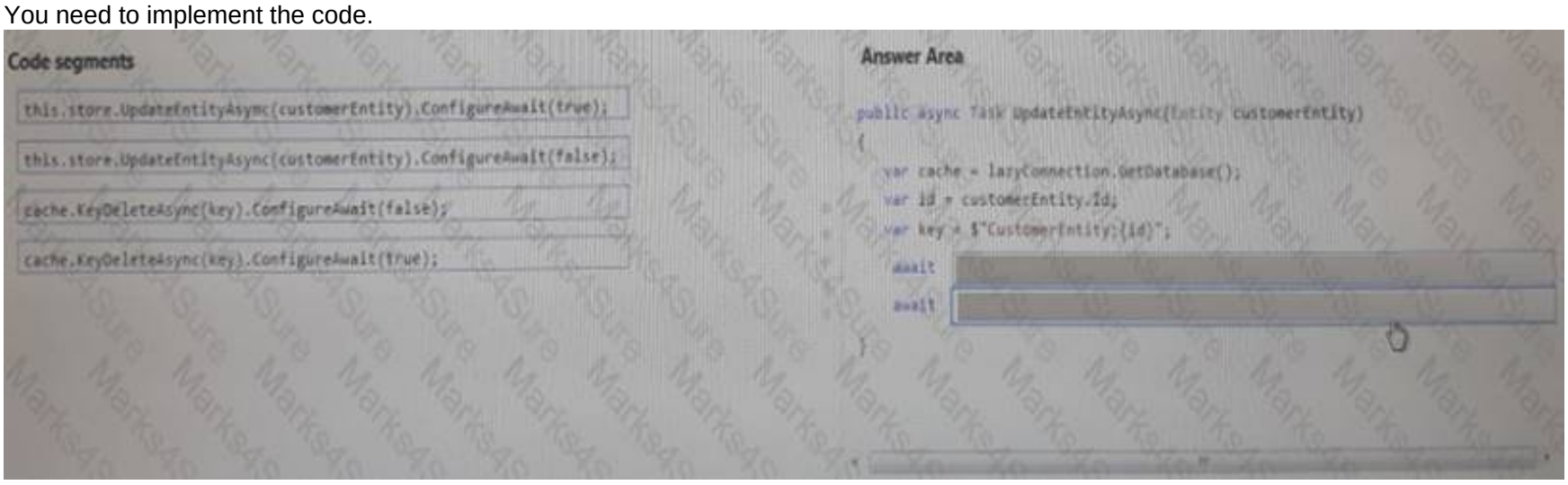
A. Default
B. SingleBitrate
C. NoStreaming
D. AdaptiveBitrate

**Answer:** C

**NEW QUESTION 10**
- (Exam Topic 2)
You implement Azure Redis Cache to allow .NET applications to store customer session data for cache clients. You have the following .NET Core class library.
The class library defines lazyConnection as a static private variable as shown in the following code. (Line numbers are included for reference only.)

```
01. private static Lazy<ConnectionMultiplexer> lazyConnection = new Lazy<ConnectionMultiplexer>(() =>
02. {
03.   ConfigurationOptions config = new ConfigurationOptions();
04.   config.EndPoints.Add(ConfigurationManager.AppSettings["RedisCacheName"]);
05.   config.Password = ConfigurationManager.AppSettings["RedisCachePassword"];
06.   config.Ssl = true;
07.   config.AbortOnConnectFail = false;
08.   config.ConnectRetry = 5;
09.   config.ConnectTimeout = 1000;
10.   return ConnectionMultiplexer.Connect(config);
11. });
```

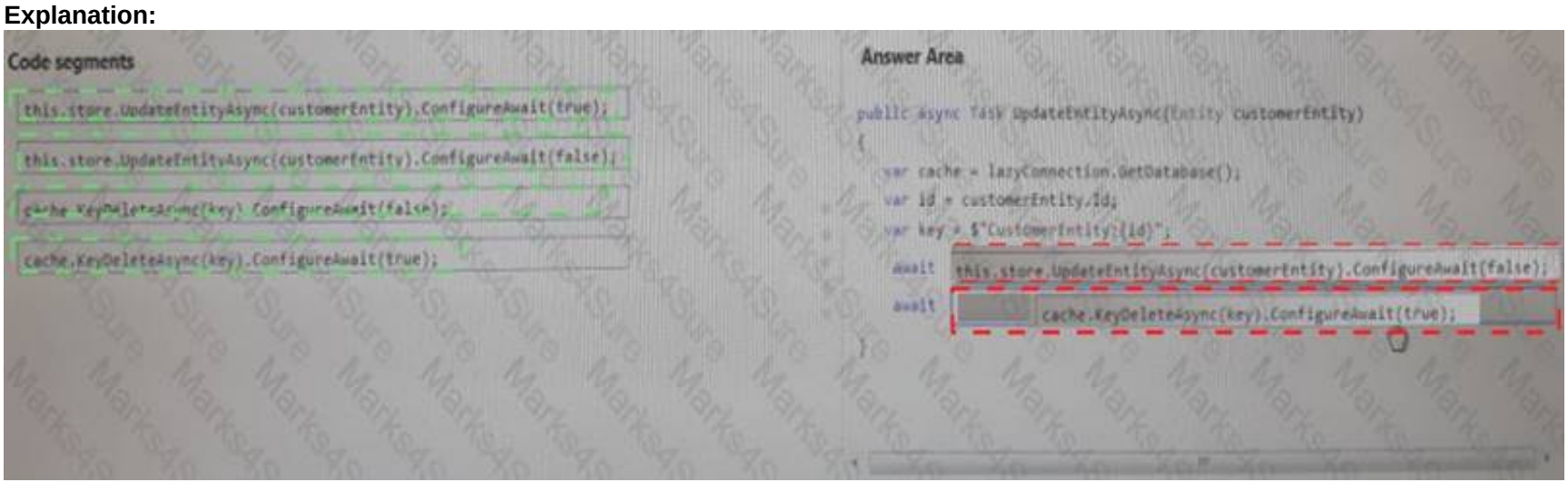
The method must update the database and invalidate the cache using the correct methods and parameters. Operations mus'&e performed asynchronously wherever possible. You must ensure that the operation in the client application does not result in another client retrieving stale cache data.
You need to implement the code.




A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



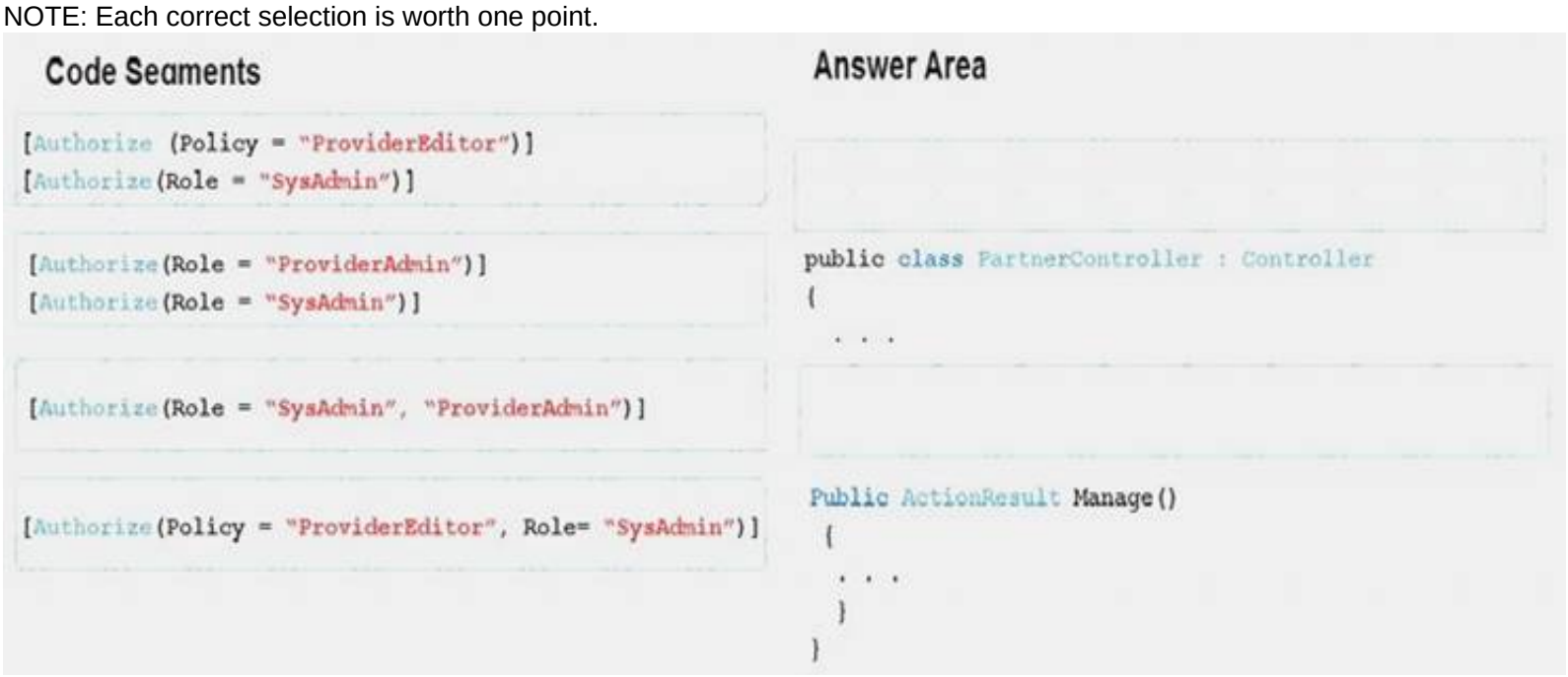

**NEW QUESTION 12**
- (Exam Topic 2)
You are developing a .NET Core model-view controller (MVC) application hosted on Azure for a health care system that allows providers access to their information.
You develop the following code:

```
services.AddAuthorization (options =>
{
  options.AddPolicy("ProviderPartner", policy =>
  {
   .policy.AddAuthenticationSchemes("Cookie, Bearer");
    policy.RequireAuthenticatedUser();
    policy.RequireRole("ProviderAdmin", "SysAdmin");
    policy.RequireClaim("editor", "partner");
 });
}
```

You define a role named SysAdmin.
You need to ensure that the application meets the following authorization requirements:

- Allow the ProviderAdmin and SysAdmin roles access to the Partner controller regardless of whether the user holds an editor claim of partner.
- Limit access to the Manage action of the controller to users with an editor claim of partner who are also members of the SysAdmin role.

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

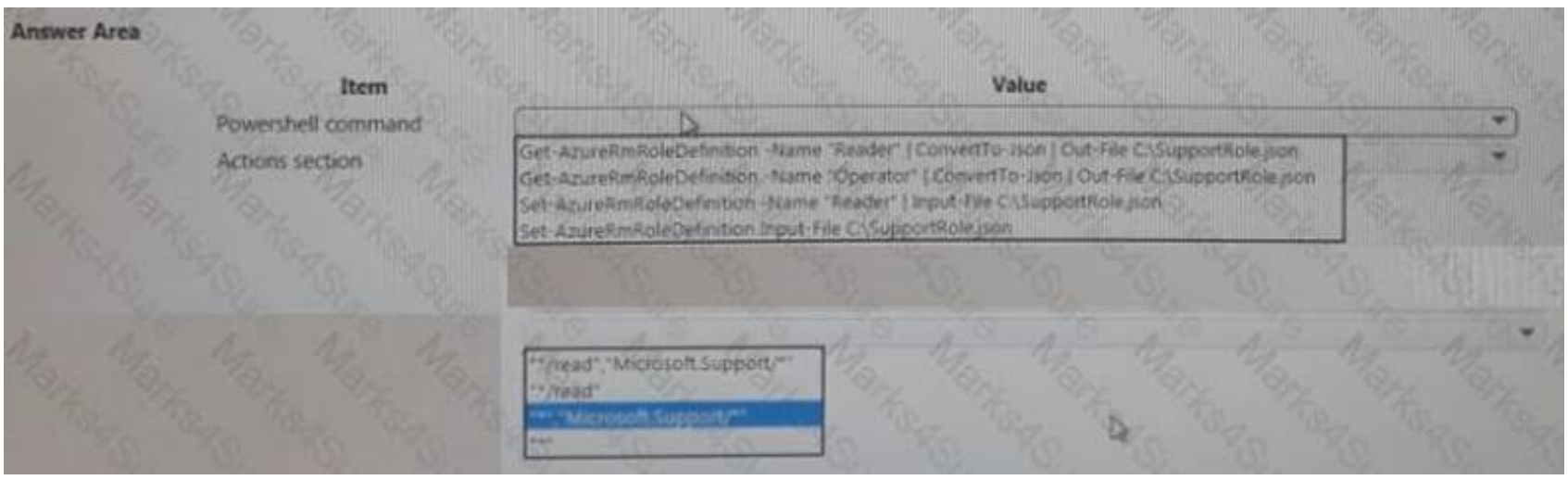
**Explanation:**
Box 1:
Allow the ProviderAdmin and SysAdmin roles access to the Partner controller regardless of whether the user holds an editor claim of partner.
Box 2:
Limit access to the Manage action of the controller to users with an editor claim of partner who are also members of the SysAdmin role.

**NEW QUESTION 13**
- (Exam Topic 2)
You have a web application that runs on a single Azure virtual machine (VM) instance. The application performs time-consuming and CPU-intensive workloads. During peak hours, the application runs more slowly and the user experience is degraded.
You need to improve the performance of the application while minimizing costs.
Which two actions should you perform? Each correct answer presents a complete solution. NOTE Each correct selection is worth one point.

A. Create and set up additional VM instances as additional web servers to host the application.
B. Change the VM type to the Compute Optimized F-Series size.
C. Set up and configure a central Redis Cache server and implement caching on web servers.
D. Set up and configure an Azure Queue in a storage accoun
E. Configure the web application to add tasks to the queue.
F. Set up and configure an Azure Service Bus Queu
G. Configure the web application to add tasks to the queue.

**Answer:** B

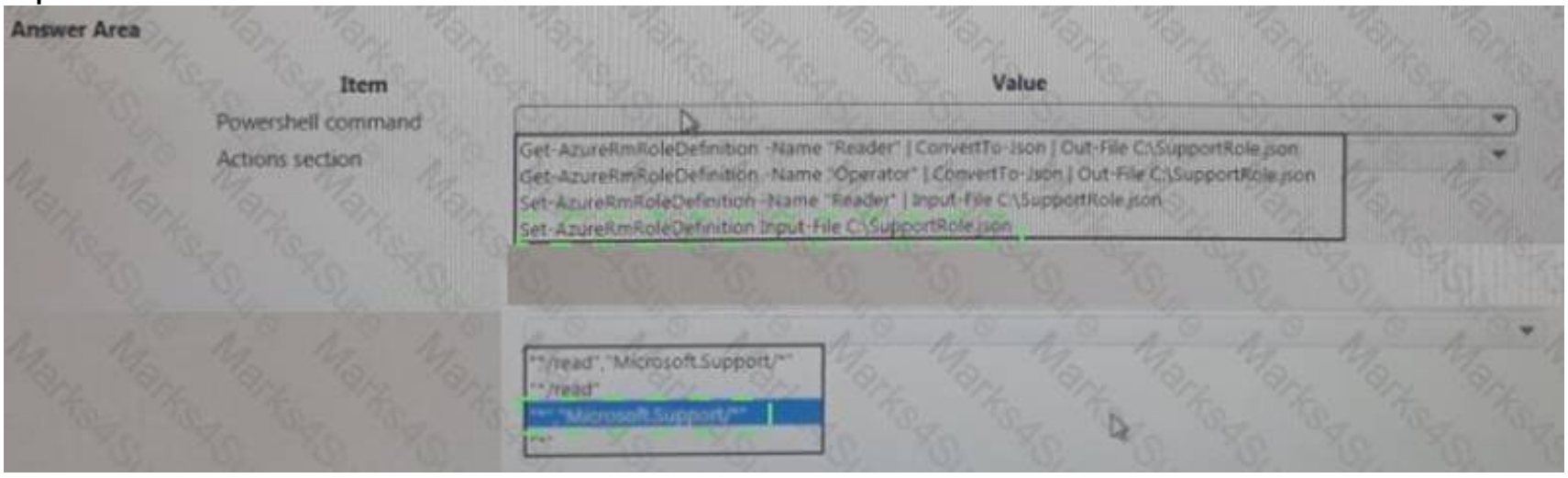
**NEW QUESTION 17**
- (Exam Topic 2)
Your company is migrating applications to Azure. The U department must allow internal developers to communicate with Microsoft support.
The service agents of the IT department must only have view resources and create support ticket permissions to all subscriptions. A new custom role must be created by reusing a default role definition and changing the permissions.
You need to create the custom role.
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 22**
- (Exam Topic 2)
You are developing a mobile instant messaging app for a company. The mobile app must meet the following requirements:
• Support offline data sync.
• Update the latest messages during normal sync cycles. You need to implement Offline Data Sync.
Which two actions should you perform? Each conn I answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Retrieve records from Offline Data Sync on every call to the PullAsync method.
B. Retrieve records from Offline Data Sync using an Incremental Sync.
C. Push records to Offline Data Sync using an Incremental Sync.
D. Return the updatedAt column from the Mobile Service Backend and implement sorting by using the column.
E. Return the updatedAt column from the Mobile Service Backend and implement sorting by the message id.

**Answer:** BD

**NEW QUESTION 23**
- (Exam Topic 2)
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. SQL Server session state provider
C. in memory session state provider
D. ASP .NET Output Cache provider for Azure Redis Cache

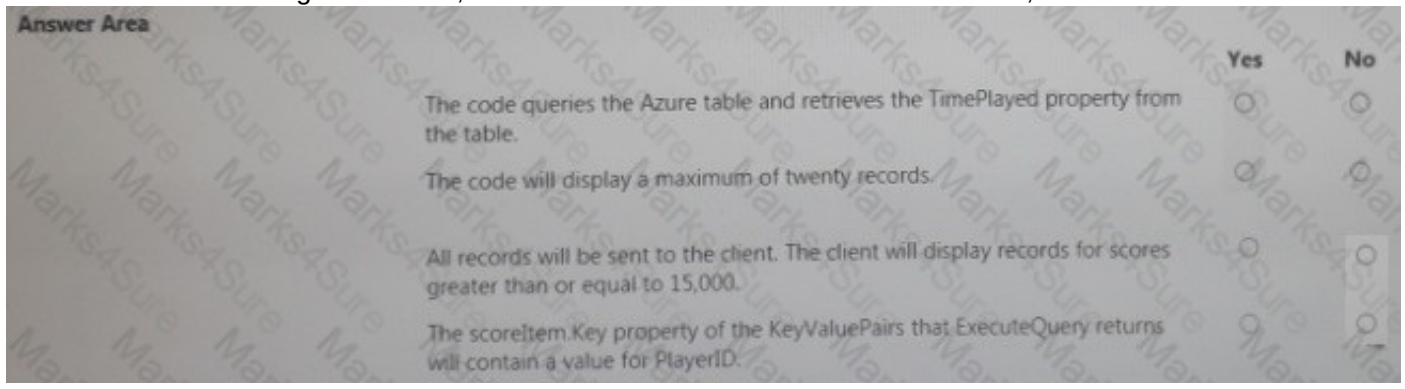
**Answer:** B

**NEW QUESTION 27**
- (Exam Topic 2)
You have an app that stores player scores for an online game. The app stores data in Azure tables using a class named PlayerScore as the table entity. The table is populated with 100,000 records.
You are reviewing the following section of code that is intended to retrieve 20 records where the player score exceeds 15,000. (Line numbers are included for reference only.

```
1  public void GetScore(string playerId, int score, string gameName)
2  {
3    TableQuery<DynamicTableEntity> query = new TableQuery<DynamicTableEntity>().Select(new string[] { "Score" })
      .Where(TableQuery.GenerateFilterConditionForInt("Score", QueryComparisons.GreaterThanOrEqual, 15000)).Take(20);
4    EntityResolver<KeyValuePair<string, int?>> resolver =
      (partitionKey, rowKey, ts, props, etag) => new KeyValuePair<string, int?>(rowKey, props["Score"].Int32Value);
5    foreach (var scoreItem in scoreTable.ExecuteQuery(query, resolver, null, null))
6    {
       Console.WriteLine($"{scoreItem.Key} {scoreItem.Value}");
7    }
8  }

9  public class PlayerScore : TableEntity
10 {
11   public PlayerScore(string gameId, string playerId, int score, long timePlayed)
12   {
13     PartitionKey = gameId;
14     RowKey = playerId;
15     Score = score;
16     TimePlayed = timePlayed;
17   }
18   public int Score { get; set; }
19   public long TimePlayed { get; set; }
20 }
```

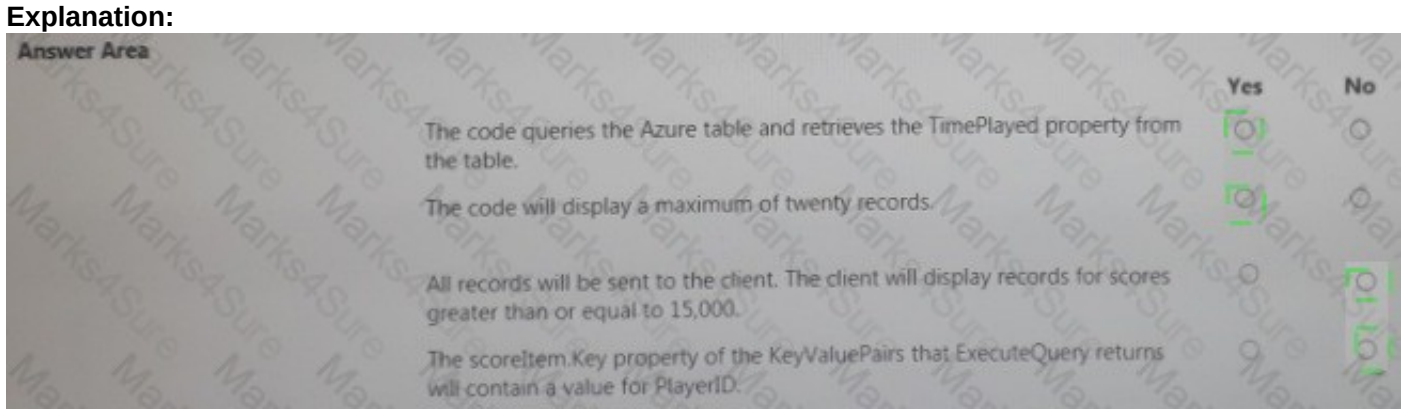
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point




A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**




**NEW QUESTION 28**
- (Exam Topic 2)
You are developing an internal website for employees to view sensitive data. The website uses Azure Active Directory (AAD) for authentication. You need to implement multifactor authentication for the website.
What should you do? Each correct answer presents part of the solution. NOTE; Each correct selection is worth one point.

A. In Azure AD, create a new conditional access policy.
B. In Azure AD, enable application proxy.
C. Configure the website to use Azure AD B2C.
D. In Azure AD conditional access, enable the baseline policy.
E. Upgrade to Azure AD Premium.

**Answer:** CE

**NEW QUESTION 29**
- (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. Determine whether the solution meets the stated goals.
You need to meet the LabelMaker application security requirement
Solution: Place the Azure Active Directory account into an Azure AD group. Create a ClusterRoleBinding and assign it to the group.
Does the solution meet the goal?

A. Yes
B. No

**Answer:** A

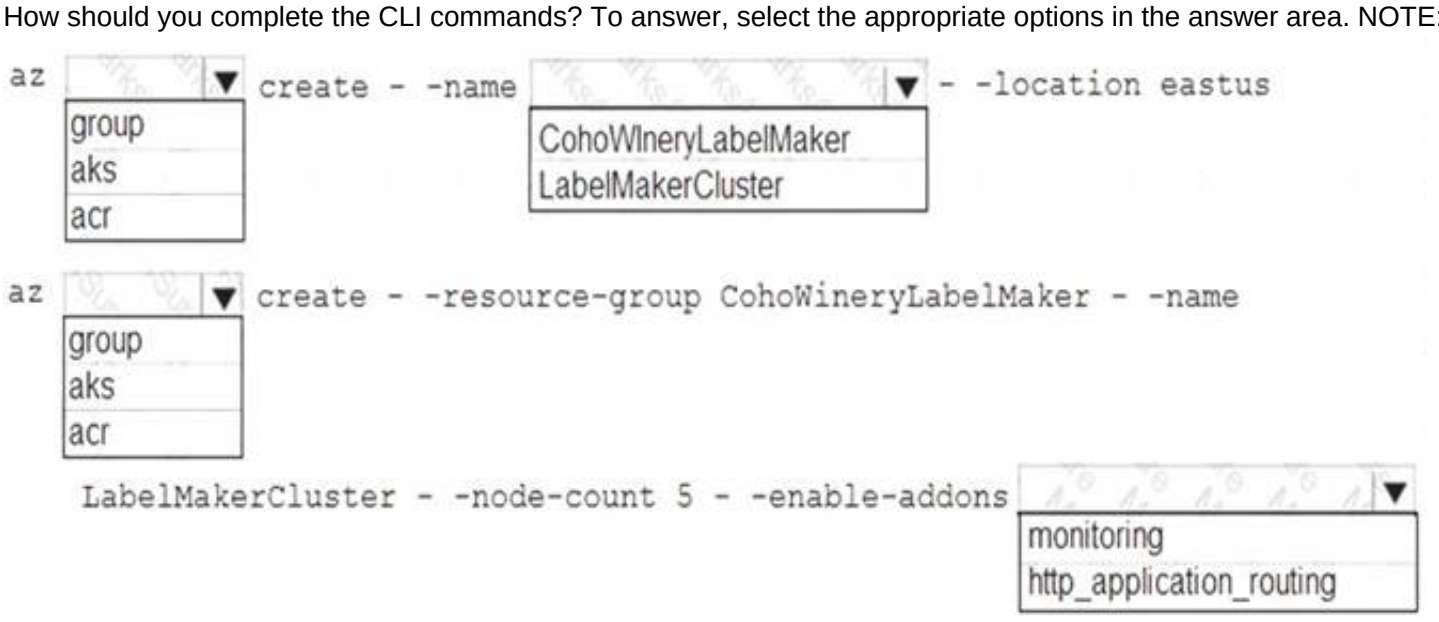
**Explanation:**
Scenario: The LabelMaker applications must be secured by using an AAD account that has full access to all namespaces of the Azure Kubernetes Service (AKS) cluster.
Permissions can be granted within a namespace with a RoleBinding, or cluster-wide with a ClusterRoleBinding.
References:
https://kubernetes.io/docs/reference/access-authn-authz/rbac/

**NEW QUESTION 30**
- (Exam Topic 3)
You need to access user claims in the e-commerce web app* What should you do first?

A. Update the e-commerce web app to read the HTTP request header values.
B. Assign the Contributor RBAC role to the e-commerce web app by using the Resource Manager create role assignment API.
C. Write custom code to make a Microsoft Graph API call from the e-commerce web app.
D. Using the Azure CU enable Cross-origin resource sharing (CORS) from the e-commerce checkout API to the e-commerce web app

**Answer:** C

**NEW QUESTION 34**
- (Exam Topic 3)
You need to ensure that you can deploy the LabelMaker application.
How should you complete the CLI commands? 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:**
Box 1: group
Create a resource group with the az group create command. An Azure resource group is a logical group in which Azure resources are deployed and managed. The following example creates a resource group named myResourceGroup in the westeurope location. az group create --name myResourceGroup --location westeurope
Box 2: CohoWinterLabelMaker
Use the resource group named, which is used in the second command. Box 3: aks
The command az aks create, is used to create a new managed Kubernetes cluster. Box 4: monitoring
Scenario: LabelMaker app
Azure Monitor Container Health must be used to monitor the performance of workloads that are deployed to Kubernetes environments and hosted on Azure Kubernetes Service (AKS).
You must use Azure Container Registry to publish images that support the AKS deployment.

**NEW QUESTION 36**
- (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. Determine whether the solution meets the stated goals.
You need to meet the LabelMaker application security requirement. Solution: Create a RoleBinding and assign it to the Azure AD account. Does the solution meet the goal?

A. Yes
B. No

**Answer:** B

**Explanation:**
Scenario: The LabelMaker applications must be secured by using an AAD account that has full access to all namespaces of the Azure Kubernetes Service (AKS) cluster.
Permissions can be granted within a namespace with a RoleBinding, or cluster-wide with a ClusterRoleBinding.
References:
https://kubernetes.io/docs/reference/access-authn-authz/rbac/

**NEW QUESTION 41**

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