

## AZ-200 Dumps

### Microsoft Azure Developer Core Solutions

<https://www.certleader.com/AZ-200-dumps.html>



#### NEW QUESTION 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.

Values	Answer Area
SMBDeletePending	<pre> return response.StatusCode = =  &amp;&amp; response.ReasonPhrase = = " " ; </pre>
ShareBeingDeleted	
HttpStatusCode.Conflict	
CannotDeleteFileOrDirectory	
HttpStatusCode.InternalServerError	

**Answer:**

**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

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

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; Using the Azure Portal, add Data Masking to the SecurityPin column, and exclude the dbo user. Add a SQL security policy with a filter predicate based on the user identity.

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 4

You need to ensure disaster recovery requirements are met. What code should you add at line PC16?

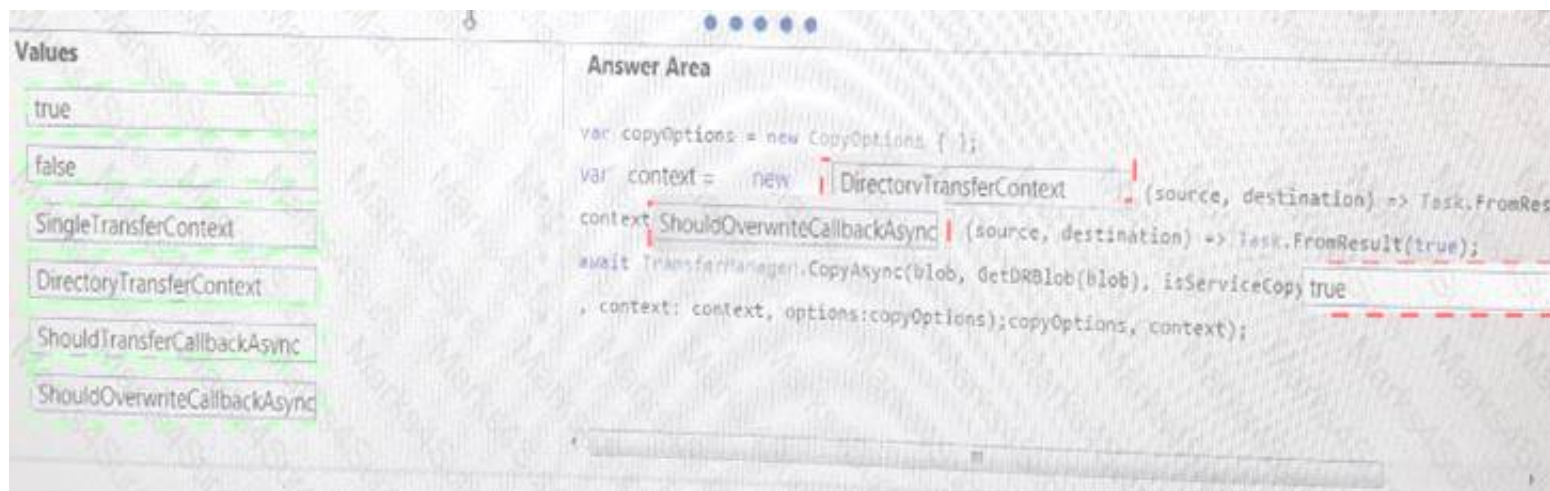
To answer, drag the appropriate code fragments to the correct locations. Each code fragment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



**Answer:**

**Explanation:**



#### NEW QUESTION 5

You need to ensure that security requirements are met.

What value should be used for the ConnectionString field on line DB03 in the Database class? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**"Data Source=datastore.database.windows.net;Initial Catalog=expense;**



**Answer:**

**Explanation:** Box 1: Integrated Security=SSPI

Integrated security: For all data source types, connect using the current user account. For SqlConnection you can use Integrated Security=true; or Integrated Security=SSPI;

Scenario: All access to Azure Storage and Azure SQL database must use the application's Managed Service Identity (MSI)

Box 2: Encrypt = True

Scenario: All data must be protected in transit. References:

<https://docs.microsoft.com/en-us/dotnet/framework/data/adonet/connection-string-syntax>

#### NEW QUESTION 6

You need to add the Supporting Operating Systems section to the Getting Started document.

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

Operating system	Supported
Windows 7	<div> <div></div> <div></div> <div></div> </div> <div> <div>No</div> <div>Yes</div> </div>
Windows 8.1	<div> <div></div> <div></div> <div></div> </div> <div> <div>No</div> <div>Yes</div> </div>
Windows 10	<div> <div></div> <div></div> <div></div> </div> <div> <div>No</div> <div>Yes</div> </div>

**Answer:**

**Explanation:** Scenario: Employees are provided with a getting started document when they first use the solution. The documentation includes details on supported operating systems for Azure File upload, and instructions on how to configure the mounted folder.

You can use Azure file shares on a Windows installation that is running either in an Azure VM or on-premises. The following table illustrates which OS versions support accessing file shares in which environment:

References:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows>

#### NEW QUESTION 7

You need to construct the link to the summary report for the email that is sent to users. What should you do?

- A. Create a SharedAccessBlobPolicy and add it to the containers SharedAccessPolicie
- B. Call GetSharedAccessSignature on the blob and use the resulting link.
- C. Create a SharedAccessBlobPolicy and set the expiry time to two weeks from toda
- D. Call GetSharedAccessSignature on the blob and use the resulting link.
- E. Create a SharedAccessAccountPolicy and call GetsharedAccessSignature on storage account and use the resulting link.
- F. Create a SharedAccessBlobPolicy and set the expiry time to two weeks from toda
- G. Call GetSharedAccessSignature on the container and use the resulting link.

**Answer: B**

#### NEW QUESTION 8

A company backs up all manufacturing data to Azure Blob Storage. Admins move blobs from hot storage to archive tier storage every month.

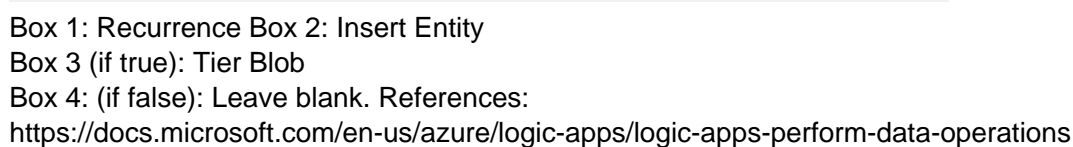
You must automatically move blocks to Archive tier after they have not been accessed for 180 days. The path for any item that is not archived must be placed in an existing queue. This operation must be performed automatically once a month. You set the value of TierAgeInDays to 180.

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.







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 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.



Answer:

Explanation:



#### NEW QUESTION 10

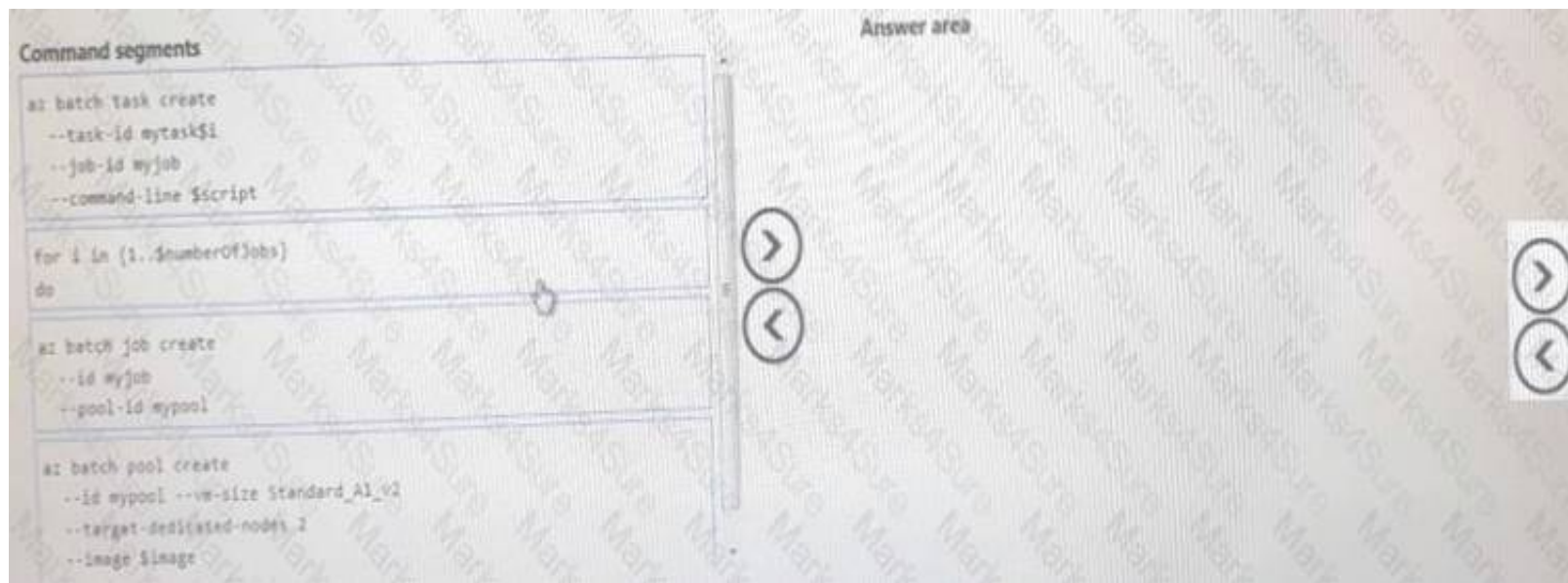
You are creating a script that will run a large workload on an Azure Batch pool. Resources will be reused and do not need to be cleaned up after use. You have the following parameters:

Parameter name	Description
\$script	the script that will run across the batch pool
\$image	the image that pool worker processes will use
\$sku	the node agent SKU Id
\$numberOfJobs	the number of jobs to run

You need to write an Azure CU script that will create the jobs, tasks, and the pool.

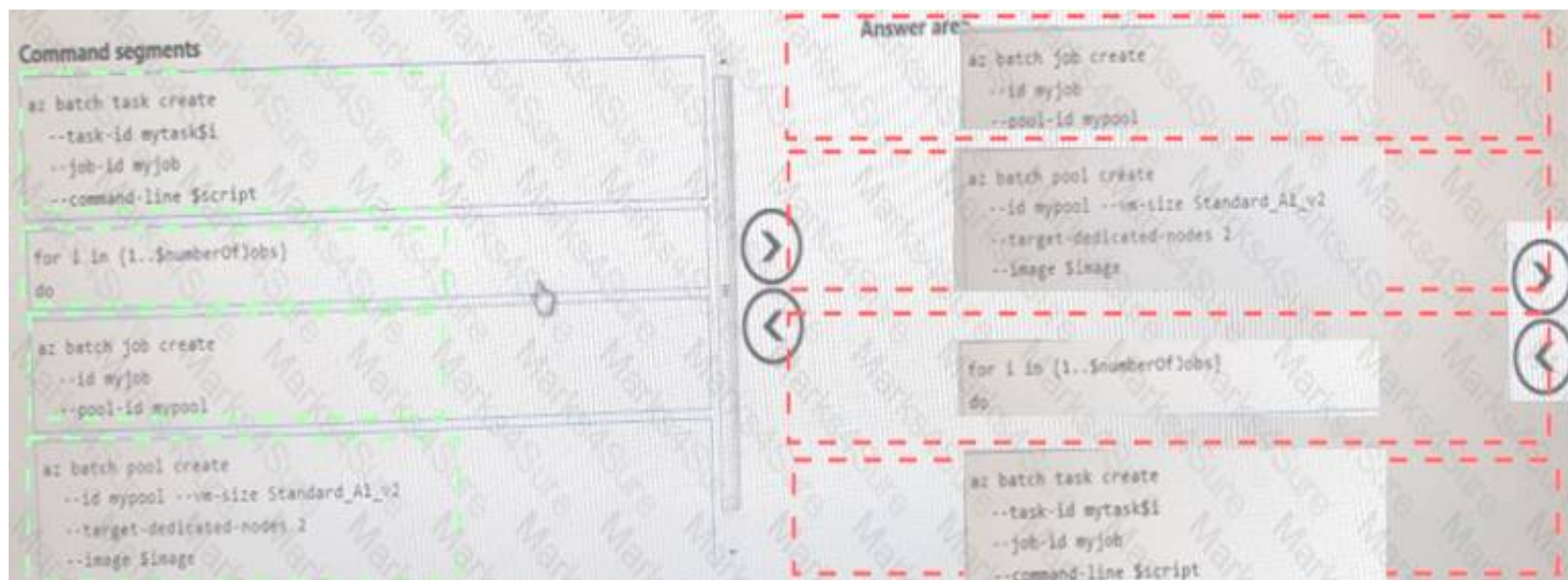
In which order should you arrange the commands to develop the solution? To answer, Move the appropriate commands from the list of command segments to the answer area and arrange them in the correct order.





**Answer:**

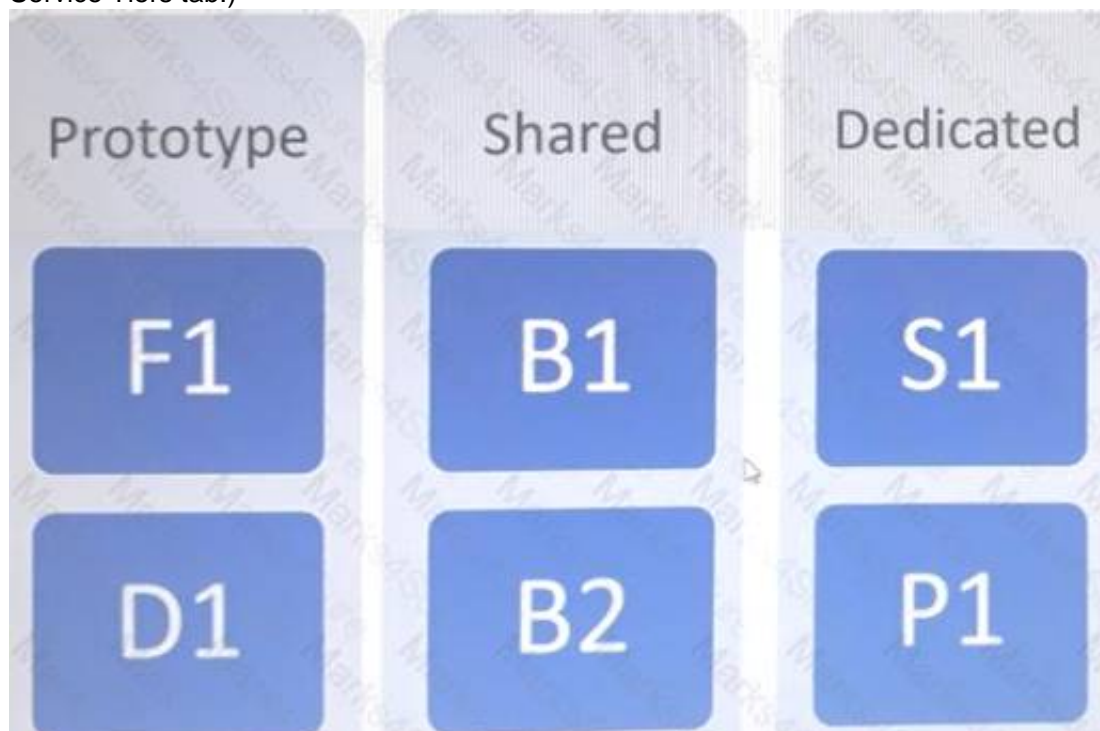
**Explanation:**



#### NEW QUESTION 10

A company provides web app hosting services for customers.

You have a set of App Service Plans available to deploy resources for new projects. The available service tiers are shown in the Service Tiers exhibit. (Click the Service Tiers tab.)

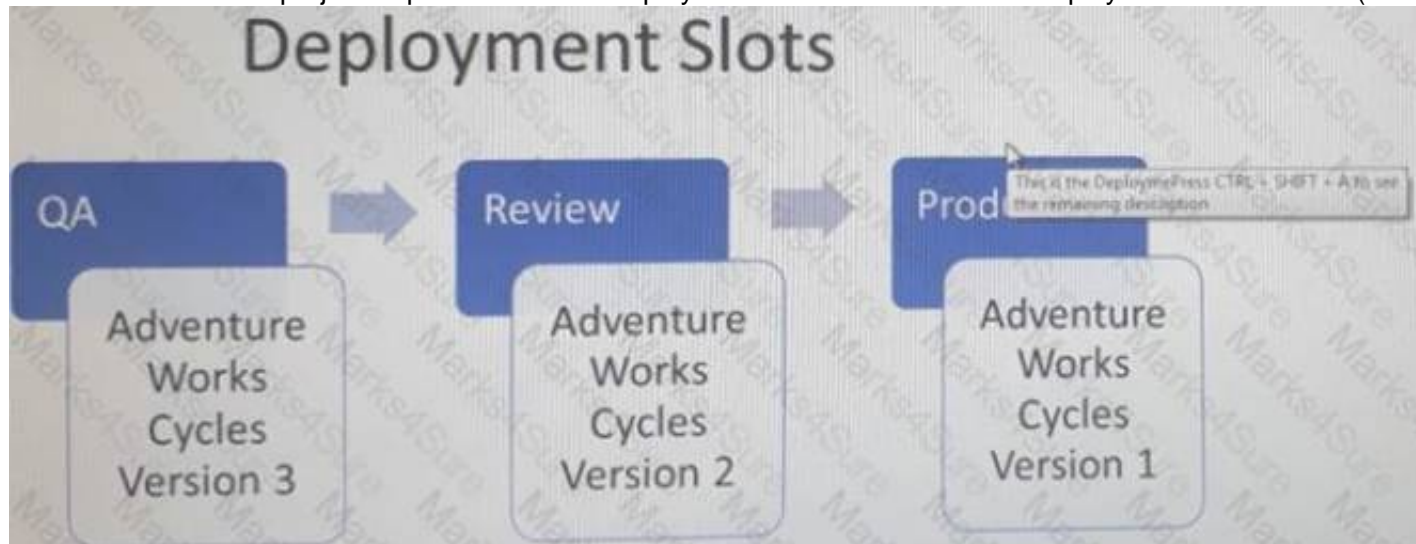


You must provision resources for the projects as shown in the Projects exhibit. (Click the Projects tab.)

Project Table	
Project	URL
Adventure Works Cycles	<a href="http://adventureworkscycles.com">http://adventureworkscycles.com</a>
Coho Vineyard	<a href="http://cohovineyard.com">http://cohovineyard.com</a>
Trey Research	<a href="http://treyresearch.azurewebsites.net">http://treyresearch.azurewebsites.net</a>



The AdventureWorks project requires the use of deployment slots as shown in the Deployment Slots exhibit. (Click the Deployment Slots tab.)



You need to determine where to deploy resources for each project.

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
AdventureWorks Cycles must be hosted on one of the shared plans.	<input type="radio"/>	<input type="radio"/>
Trey Research must be hosted on one of the prototype plans.	<input type="radio"/>	<input type="radio"/>
Coho Vineyard must be hosted on one of the dedicated plans.	<input type="radio"/>	<input type="radio"/>

**Answer:**

**Explanation:**

**Answer Area**

	Yes	No
AdventureWorks Cycles must be hosted on one of the shared plans.	<input checked="" type="radio"/>	<input type="radio"/>
Trey Research must be hosted on one of the prototype plans.	<input checked="" type="radio"/>	<input type="radio"/>
Coho Vineyard must be hosted on one of the dedicated plans.	<input type="radio"/>	<input checked="" type="radio"/>

## NEW QUESTION 12

Fourth Coffee has an ASP.NET Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.

Fourth Coffee is migrating this application to Azure.

You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.

A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan named AppServiceLinuxDockerPlan.

Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI commands from the list of commands to the answer area and arrange them in the correct order.

**Azure CLI commands**

```
az webapp config container set
--docker-custom-image-name $dockerHubContainerPath
--name $appName
--resource-group fourthCoffeePublicWebResourceGroup

az webapp create
--name $appName
--plan AppServiceLinuxDockerPlan
--resource-group fourthCoffeePublicWebResourceGroup

#(bin/bash
appName="FourthCoffeePublicWeb$random"
location="WestUS"
dockerHubContainerPath="FourthCoffee/publicweb.v1"
fqdn="http://www.fourthcoffee.com">www.fourthcoffee.com

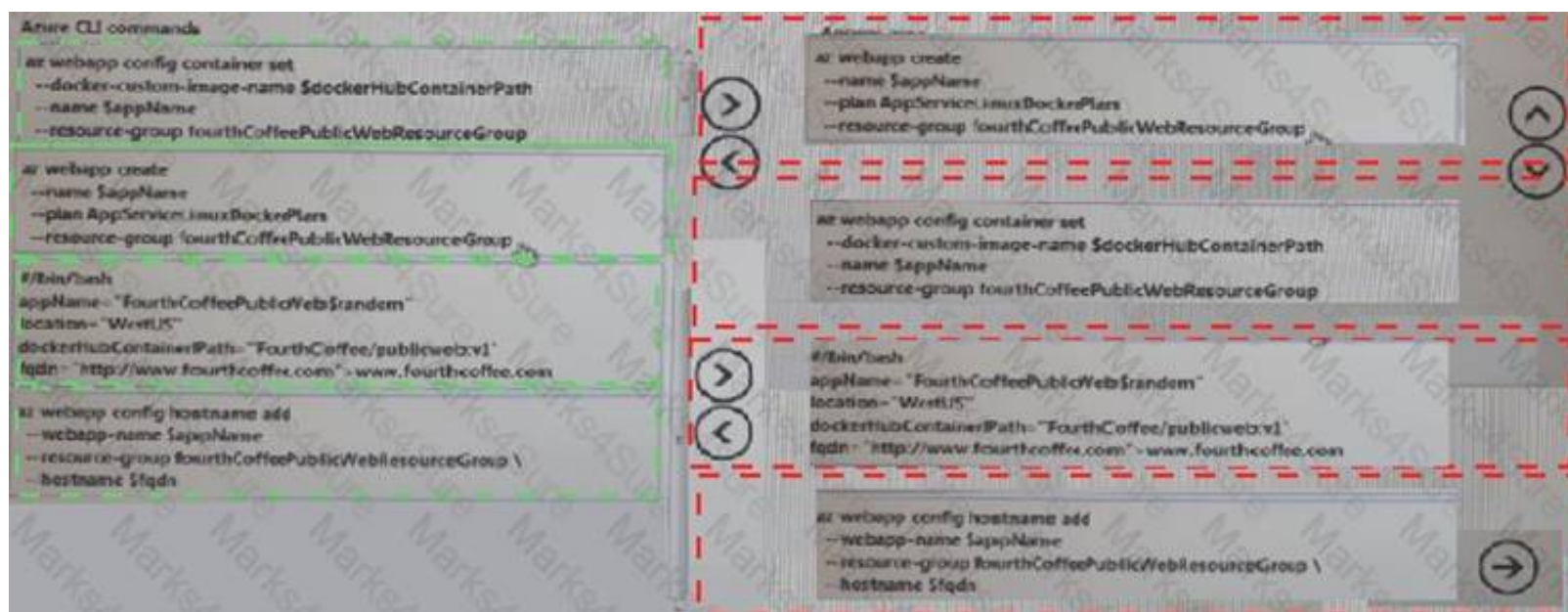
az webapp config hostname add
--webapp-name $appName
--resource-group fourthCoffeePublicWebResourceGroup \
--hostname $fqdn
```

**Answer area**

**Answer:**

**Explanation:**





#### NEW QUESTION 17

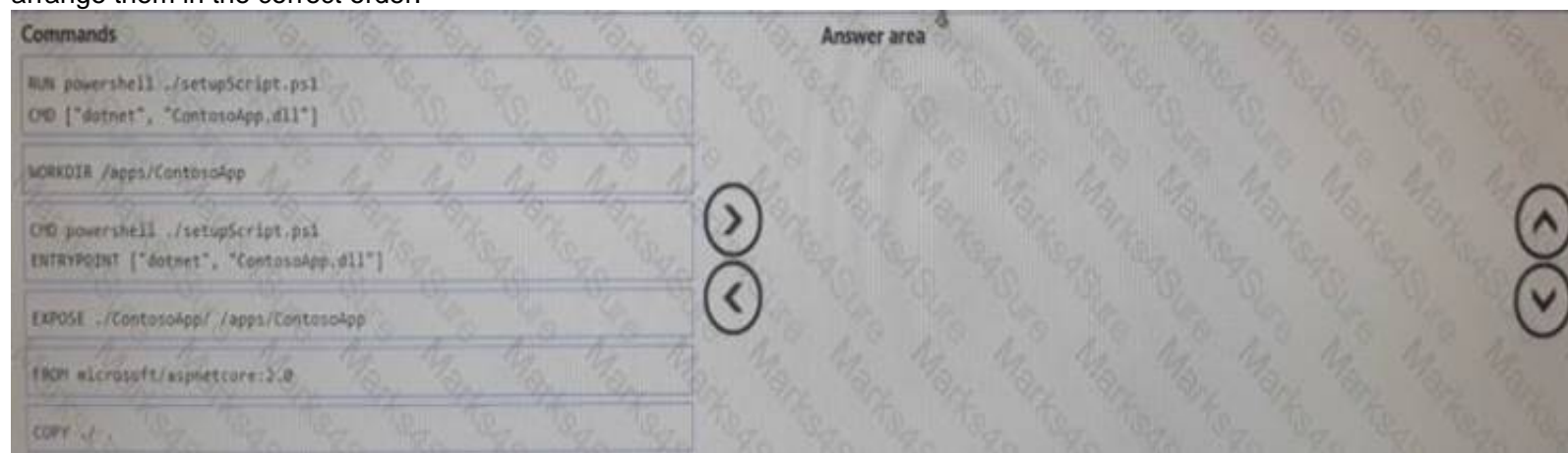
You plan to create a Docker image that runs an ASP.NET Core application named ContosoApp. You have a setup script named setupScript.ps1 and a series of application files including ContosoApp.dll.

You need to create a Dockerfile document that meets the following requirements:

- Call setupScript.ps1 when the container is built.
- Run ContosoApp.dll when the container starts.

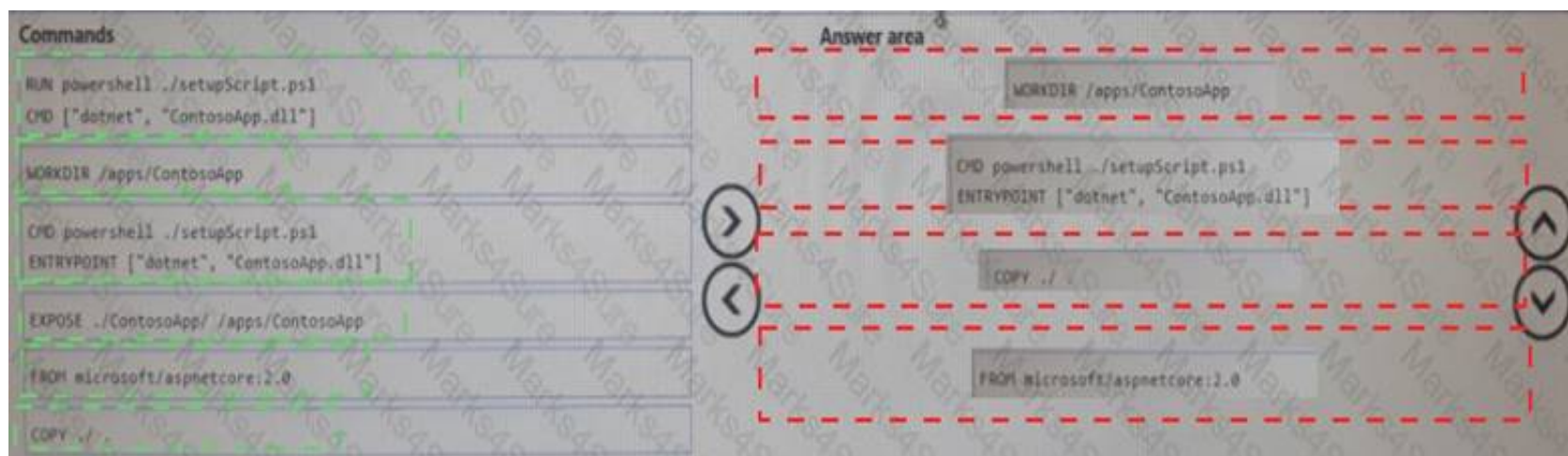
The Dockerfile document must be created in the same folder where ContosoApp.dll and setupScript.ps1 are stored.

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.



Answer:

Explanation:



#### NEW QUESTION 19

You connect to Azure by using a workstation that has a slow internet connection. You have two Azure file shares. You plan to transfer a series of large files from one container to another container. The workstation does not have sufficient disk space to store the files.

You define the following variables in Azure PowerShell:

Variable	Description
\$sourceServer	This variable represents the container that stores the files.
\$destServer	This variable represents the container where files will be copied.
\$sourceKey	This variable represents the primary key of the source storage account.
\$destKey	This variable represents the primary key of the destination storage account.

You need to simultaneously transfer the large files as efficiently as possible. Solution: Run the following Azure PowerShell command:  
AzCopy /Source:\$sourceServer /Dest:\$DestServer /SourceKey:\$sourceKey /DestKey:\$destkey /S Does the solution meet the goal?



- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 22**

A company has a series of mobile games on Azure with an online community. The moderators need to filter offensive text, and additional terms such as The company wants to implement a solution using Azure Content Moderation. You need to select API or Azure service options for the solution. Which two APIs or Azure service should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Azure Bot Service
- B. Custom Term List API
- C. Language Understanding Intelligence System (LUIS) API
- D. Text Moderation API
- E. Text Analytics API

**Answer:** CD

**NEW QUESTION 26**

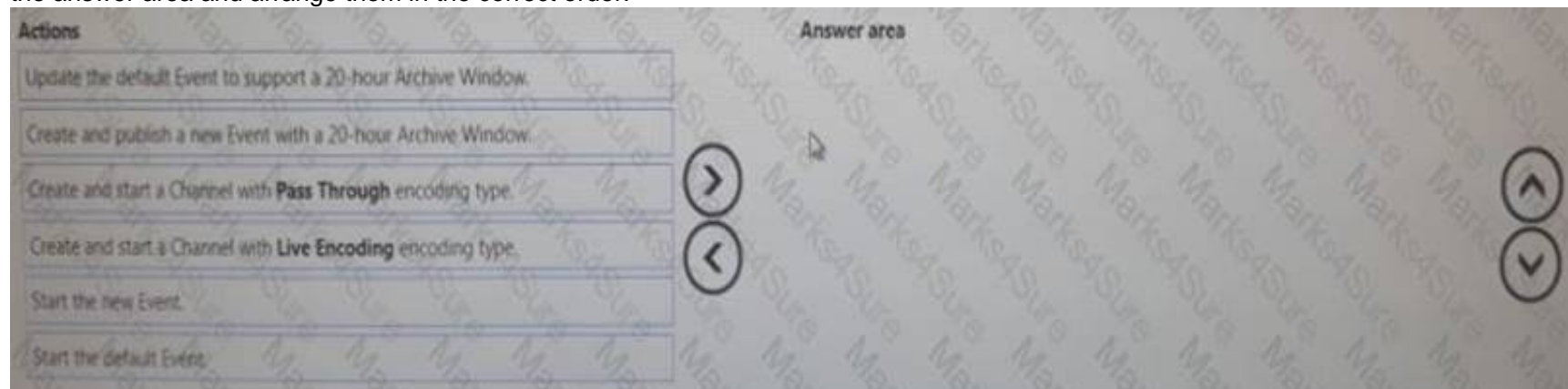
You use Azure Table storage to store customer information for an application. The data contains customer details and is partitioned by last name. You need to create a query that returns all customers with the last name Smith. Which code segment should you use?

- A. TableQuery.GenerateFilterCondition("LastName", QueryComparisons.Equal, "Smith")
- B. TableQuery.GeneratefilterCondition("PartitionKey", QueryComparison
- C. Equal, "Smith")
- D. TableQue.GenerateFilterCondition("PartitionKey", Equals, "Smith")
- E. TableQuer
- F. GenerateFilterCondition("LastName", Equals, "Smith")

**Answer:** D

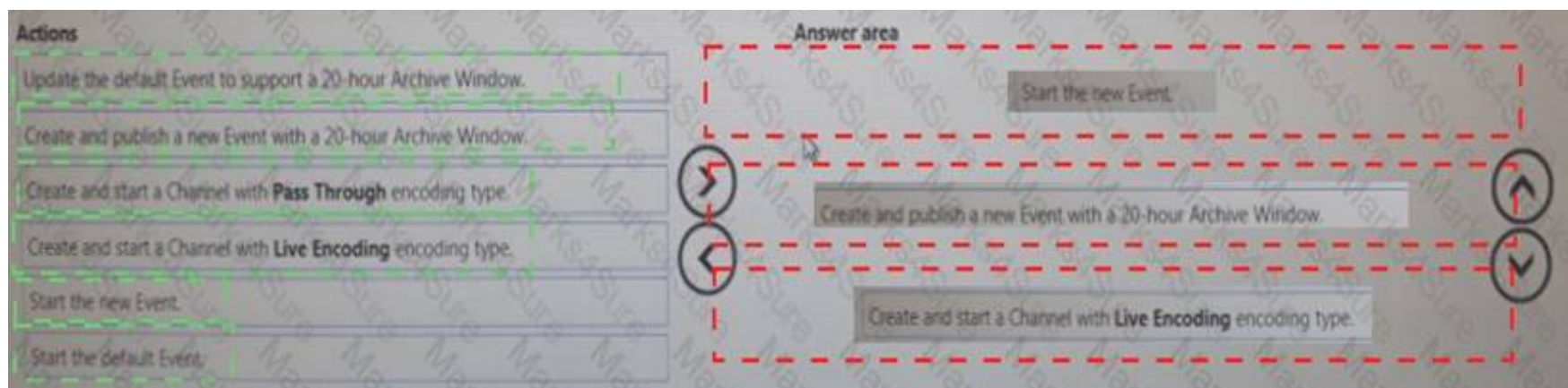
**NEW QUESTION 27**

You develop a live streaming solution using Azure Media Services. You need to configure live Streaming for single bitrate encoding. All recorded content must be retained for 20 hours. Which three actions should you perform in sequence? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.



**Answer:**

**Explanation:**



**NEW QUESTION 30**

You have an Azure App Service API that allows users to upload documents to the cloud with a mobile device. A mobile app connects to the service by using REST API calls. When new document is uploaded to the service, the service extracts the document metadata. Usage statistics for the app show significant increases in app usage.

The extraction process is CPU-intensive. You plan to modify the API to use a queue.

You need to ensure that the solution scales, handles request spikes, and reduces costs between request spikes. What should you do?

- A. Configure a CPU Optimized virtual machine (VM) and install the Web App service
- B. Move the extraction logic into an Azure Functio
- C. Create a queue triggered
- D. Move the extraction logic into WebJob



- E. Configure WebJobs to run in a loop and process a queue.
- F. Move the extraction logic into Azure Batch
- G. Configure Azure Batch to process from a queue across a pool of virtual machine (VM) nodes.

**Answer: D**

### NEW QUESTION 35

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 must be 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.

**Code segments**

this.store.UpdateEntityAsync(customerEntity).ConfigureAwait(true);

this.store.UpdateEntityAsync(customerEntity).ConfigureAwait(false);

cache.KeyDeleteAsync(key).ConfigureAwait(false);

cache.KeyDeleteAsync(key).ConfigureAwait(true);

**Answer Area**

```
public async Task UpdateEntityAsync(Entity customerEntity)
{
    var cache = lazyConnection.GetDatabase();
    var id = customerEntity.Id;
    var key = $"CustomerEntity:{id}";
    await
    await
```

**Answer:**

**Explanation:**

**Code segments**

this.store.UpdateEntityAsync(customerEntity).ConfigureAwait(true);

this.store.UpdateEntityAsync(customerEntity).ConfigureAwait(false);

cache.KeyDeleteAsync(key).ConfigureAwait(false);

cache.KeyDeleteAsync(key).ConfigureAwait(true);

**Answer Area**

```
public async Task UpdateEntityAsync(Entity customerEntity)
{
    var cache = lazyConnection.GetDatabase();
    var id = customerEntity.Id;
    var key = $"CustomerEntity:{id}";
    await this.store.UpdateEntityAsync(customerEntity).ConfigureAwait(false);
    await cache.KeyDeleteAsync(key).ConfigureAwait(true);
}
```

### NEW QUESTION 36

You develop a microservice solution for a company.

The solution uses the Actor design pattern for all services including mappings, GPS, and communication. The mapping and communication systems must persist state on disk. The GPS system must persist state in-memory. All Actors must have a service replica count of three.

You need to implement code for the GPS system.

How should you complete the code segment? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```
public interface IGPS_System : IActor
{
    Task<int> GetAccountAsync(CancellationTokens cancellationTokens);
    Task SetCountAsync (int count, CancellationTokens cancellationTokens);
}
[StatePersistence (StatePersistence.
internal class GPS_System :
{
    public GPS_System(ActorService p_pService, ActorId p_pID) " base(p_pService,
p_pID)
    {
    }
}
}
}
```

Answer:

Explanation: Example:

The state manager retrieval methods return a reference to an object in local memory. Modifying this object in local memory alone does not cause it to be saved durably. When an object is retrieved from the state manager and modified, it must be reinserted into the state manager to be saved durably.

[StatePersistence(StatePersistence.Persisted)] class MyActor : Actor, IMyActor

```
{
public MyActor(ActorService actorService, ActorId actorId) base(actorService, actorId)
{
}
public Task SetCountAsync(int value)
{
return this.StateManager.SetStateAsync<int>("MyState", value);
}
}
```

References:

<https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-reliable-actors-access-save-remove-state>

### NEW QUESTION 39

You are configuring Azure Redis Cache for a production web application.

The web application and Azure Redis Cache must be able to withstand a catastrophic t configuration changes. You create a storage account to persist cache data if needed

You need to implement a solution. What should you do?

- A. Run the Set-AzureRmRedisCache Azure PowerShell command with the size and sku parameters and specify a connection string to the storage account.
- B. In the Azure portal, enable Redis DataBase (RDB) persistence and configure persistence settings to save cache data tyo the storage account.
- C. In the Azure portal, enable Append Only File (AOF) persistence and configure persistence sttings to save cache data to the storage account.
- D. Run Reset-AzureRmRedisCache Azure PowerShell command with the ShardID parameter and specify a connection string to the storage account.

Answer: C

### NEW QUESTION 42

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.

Code Seaments	Answer Area
<pre>[Authorize (Policy = "ProviderEditor")] [Authorize(Role = "SysAdmin")]</pre>	
<pre>[Authorize(Role = "ProviderAdmin")] [Authorize(Role = "SysAdmin")]</pre>	<pre>public class PartnerController : Controller {     . . .</pre>
<pre>[Authorize(Role = "SysAdmin", "ProviderAdmin")]</pre>	
<pre>[Authorize(Policy = "ProviderEditor", Role= "SysAdmin")]</pre>	<pre>Public ActionResult Manage() {     . . . }</pre>

**Answer:**

**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 47

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 have the following resource group:

Resource group	Comments
DevServer_WestCentralUS	This resource group is located in the West Central US region and contains a single virtual machine (VM) named DevServer. DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.
Workstation_EastUS	This resource group is located in the East US region and contains a virtual machine named DevWorkstation. DevWorkstation is connected to a subnet in a Visual Network and is configured with a public IP address. A network security group has been configured to allow public incoming remote desktop protocol (RDP) connections to the DevWorkstation.

Developers must connect to Dev\$erver onry through DevWorkstatioan. To maintain security, DevServer must not accept connections from the internet.

You need to create a private connection between the DevWortcstation and DevServer. Solution: Configure an IP address on each subnet within the same address space. Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** A

#### NEW QUESTION 48

You develop a solution that uses an Azure SQL Database to store user information for a mobile app. The app stores sensitive information about users.



You need to hide sensitive information from developers that query the data for the mobile app.

Which three items must you identify when configuring dynamic data masking? Each correct answer presents a part of the solution.

NOTE: Each correct selection is worth one point.

- A. Column
- B. Table
- C. Trigger
- D. Schema
- E. Index

**Answer:** ABD

**Explanation:** In the Dynamic Data Masking configuration page, you may see some database columns that the recommendations engine has flagged for masking. In order to accept the recommendations, just click Add Mask for one or more columns and a mask is created based on the default type for this column. You can change the masking function by clicking on the masking rule and editing the masking field format to a different format of your choice.

### NEW QUESTION 53

You store customer information in Azure Cosmos DB. The following data already exists in the database:

PartitionKey	RowKey	Email
Harp	Walter	wharp@contoso.com
Smith	Steve	ssmith@contoso.com
Smith	Jeff	jsmith@contoso.com

You develop the following code. (Line numbers are included for reference only.)

```

1 CloudTableClient tableClient = account.CreateCloudTableClient();
2 CloudTable table = tableClient.GetTableReference ( "people");
3 TableQuery<CustomerEntity> query = new TableQuery< CustomerEntity>()
4 .Where (TableQuery.CombineFilters (
5 TableQuery.GenerateFilterCondition (PartitionKey, QueryComparisons.Equal , "Smith"),
6 TableOperators.And , TableQuery.
7 GenerateFilterCondition(Email, QueryComparisons.Equal , "ssmith@contoso.com")
8 ));
9 await table.ExecuteQuerySegmentedAsync< CustomerEntity>(query, null);

```

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 returns every Record where the surname equals <b>Smith</b> .	<input type="radio"/>	<input type="radio"/>
The table endpoint <code>https://&lt;mytableendpoint&gt;/People</code> (PartitionKey='Smith' RowKey='Steve') returns the same results as the code.	<input type="radio"/>	<input type="radio"/>

**Answer:**

**Explanation:**

**Answer Area**

	Yes	No
The code returns every Record where the surname equals <b>Smith</b> .	<input checked="" type="radio"/>	<input type="radio"/>
The table endpoint <code>https://&lt;mytableendpoint&gt;/People</code> (PartitionKey='Smith' RowKey='Steve') returns the same results as the code.	<input checked="" type="radio"/>	<input type="radio"/>

### NEW QUESTION 57

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 connect to Azure by using a workstation that has a slow internet connection. You have two Azure file shares. You plan to transfer a series of large files from another container. The workstation does not have sufficient disk space to store the files.

You define the following variables in Azure PowerShell:

Variable	Description
\$sourceServer	This variable represents the container that stores the files.
\$destServer	This variable represents the container where files will be copied.
\$sourceKey	This variable represents the primary key of the source storage account.
\$destKey	This variable represents the primary key of the destination storage account.

You need to simultaneously transfer the large files as efficiently as possible.

Solution: Write a C# application that implements the Azure Storage API method CloudFile.StartCopy to transfer files to the destination container.  
Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** A

#### NEW QUESTION 58

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 account
- E. Configure the web application to add tasks to the queue.
- F. Set up and configure an Azure Service Bus Queue
- G. Configure the web application to add tasks to the queue.

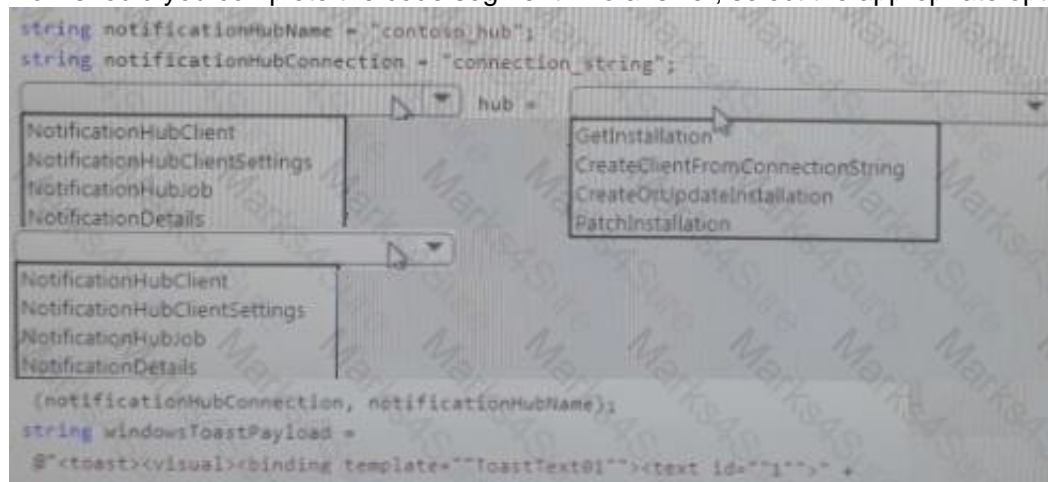
**Answer:** B

#### NEW QUESTION 59

You develop a news and blog content delivery app for Windows devices.

A notification must arrive on a user's device when there is a new article available for them to view. You need to implement push notifications.

How should you complete the code segment? To answer, select the appropriate options in the answer area. NOTE: Each connect selection is worth one point.



#### NEW QUESTION 62

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 correct 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 66

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 have the following resource groups:

Resource group	Comments
DevServer_WestCentralUS	This resource group is located in the West Central US region and contains a single virtual machine (VM) named DevServer.  DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.
Workstation_EastUS	This resource group is located in the East US region and contains a VM named DevWorkstation.  DevWorkstation is connected to a subnet in a Virtual Network and is configured with a public IP address. A network security group has been configured to allow public incoming remote desktop protocol (RDP) connections to the DevWorkstation.

Developers must conned to DevServer only through DevWorkstation. To maintain security, DevServer must not accept connections (rom the internet. You need to create a private connection between the DevWorkstation and DevServer.  
Solution: Configure a VNet-to-VNet VPN connection between the two private Virtual Networks using VPN gati allow connectivity between the DevServer and the DevWorkstation using their private IP addresses.  
Does the solution meet the goal?

- A. Yes  
B. No

Answer: B

NEW QUESTION 67

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 69

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" })
4     .Where(TableQuery.GenerateFilterConditionForInt("Score", QueryComparisons.GreaterThanOrEqual, 15000)).Take(20);
5     EntityResolver<KeyValuePair<string, int>> resolver =
6     (partitionKey, rowKey, ts, props, etag) => new KeyValuePair<string, int>(rowKey, props["Score"].Int32Value);
7     foreach (var scoreItem in scoreTable.ExecuteQuery(query, resolver, null, null))
8     {
9         Console.WriteLine($"{scoreItem.Key} {scoreItem.Value}");
10    }
11 }
12
13 public class PlayerScore : TableEntity
14 {
15     public PlayerScore(string gameId, string playerId, int score, long timePlayed)
16     {
17         PartitionKey = gameId;
18         RowKey = playerId;
19         Score = score;
20         TimePlayed = timePlayed;
21     }
22     public int Score { get; set; }
23     public long TimePlayed { get; set; }
24 }
```

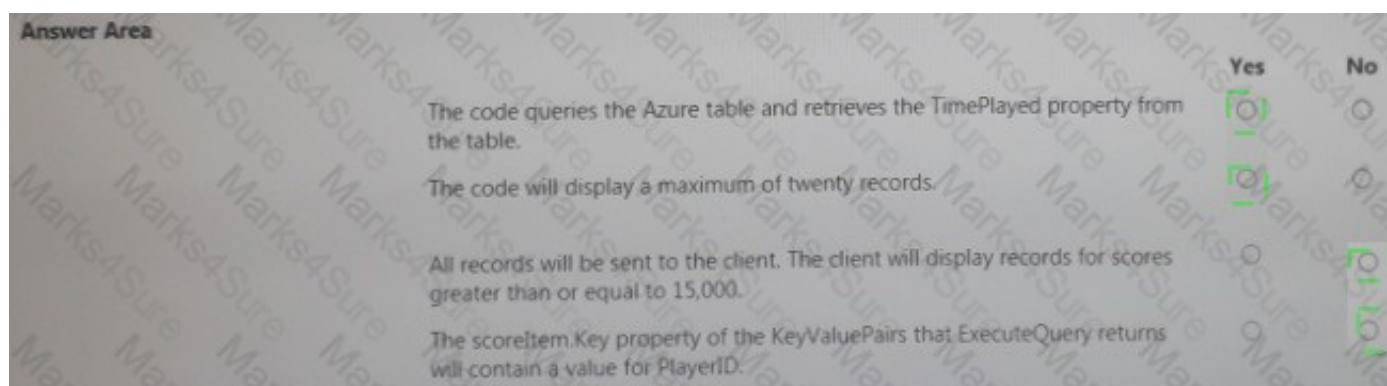
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point

Answer Area	Yes	No
The code queries the Azure table and retrieves the TimePlayed property from the table.	<input type="radio"/>	<input type="radio"/>
The code will display a maximum of twenty records.	<input type="radio"/>	<input type="radio"/>
All records will be sent to the client. The client will display records for scores greater than or equal to 15,000.	<input type="radio"/>	<input type="radio"/>
The scoreItem.Key property of the KeyValuePair that ExecuteQuery returns will contain a value for PlayerID.	<input type="radio"/>	<input type="radio"/>



**Answer:**

**Explanation:**



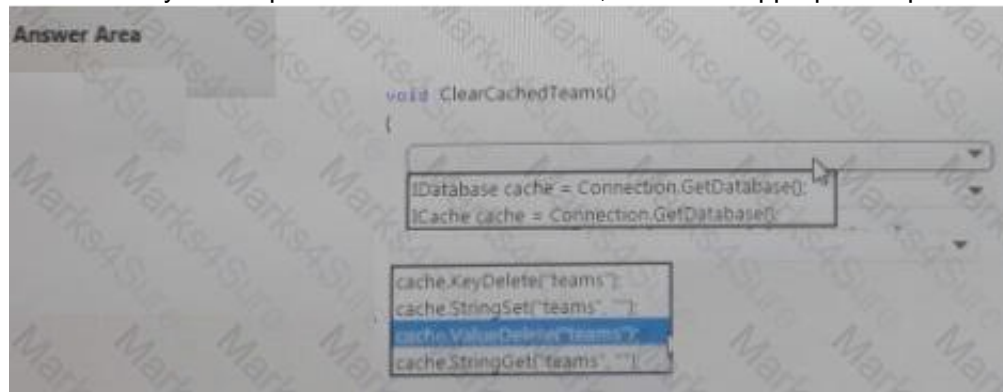
#### NEW QUESTION 73

A company is developing a gaming platform. Users can join teams to play online and see leaderboards that include player statistics. The solution includes an entity named Team.

You plan to implement an Azure Redis Cache instance to improve the efficiency of data operations for entities that rarely change.

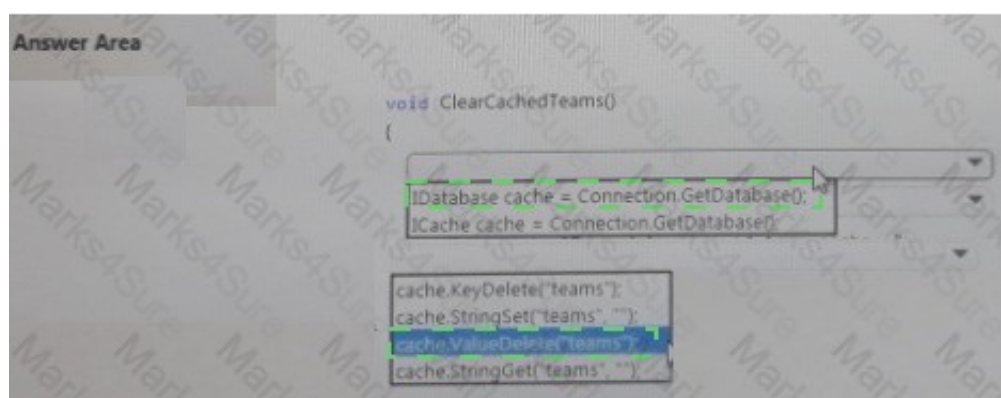
You need to invalidate the cache when team data is changed.

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



**Answer:**

**Explanation:**



#### NEW QUESTION 74

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 files
- B. Azure Blobs
- C. Azure Queues
- D. Azure Tables

**Answer: C**

#### NEW QUESTION 79

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**

**Explanation:** Topic 3, Coho Winery  
LabelMaker app

Coho Winery produces, bottles, and distributes a variety of wines globally. You are a developer implementing highly scalable and resilient applications to support online order processing by using Azure solutions.

Coho Winery has a LabelMaker application that prints labels for wine bottles. The application sends data to several printers. The application consists of five modules that run independently on virtual machines (VMs). Coho Winery plans to move the application to Azure and continue to support label creation.

External partners send data to the LabelMaker application to include artwork and text for custom label designs.

#### Requirements Data

You identify the following requirements for data management and manipulation:

- Order data is stored as nonrelational JSON and must be queried using Structured Query Language (SQL).
- Changes to the Order data must reflect immediately across all partitions. All reads to the Order data must fetch the most recent writes.

#### Security

You have the following security requirements:

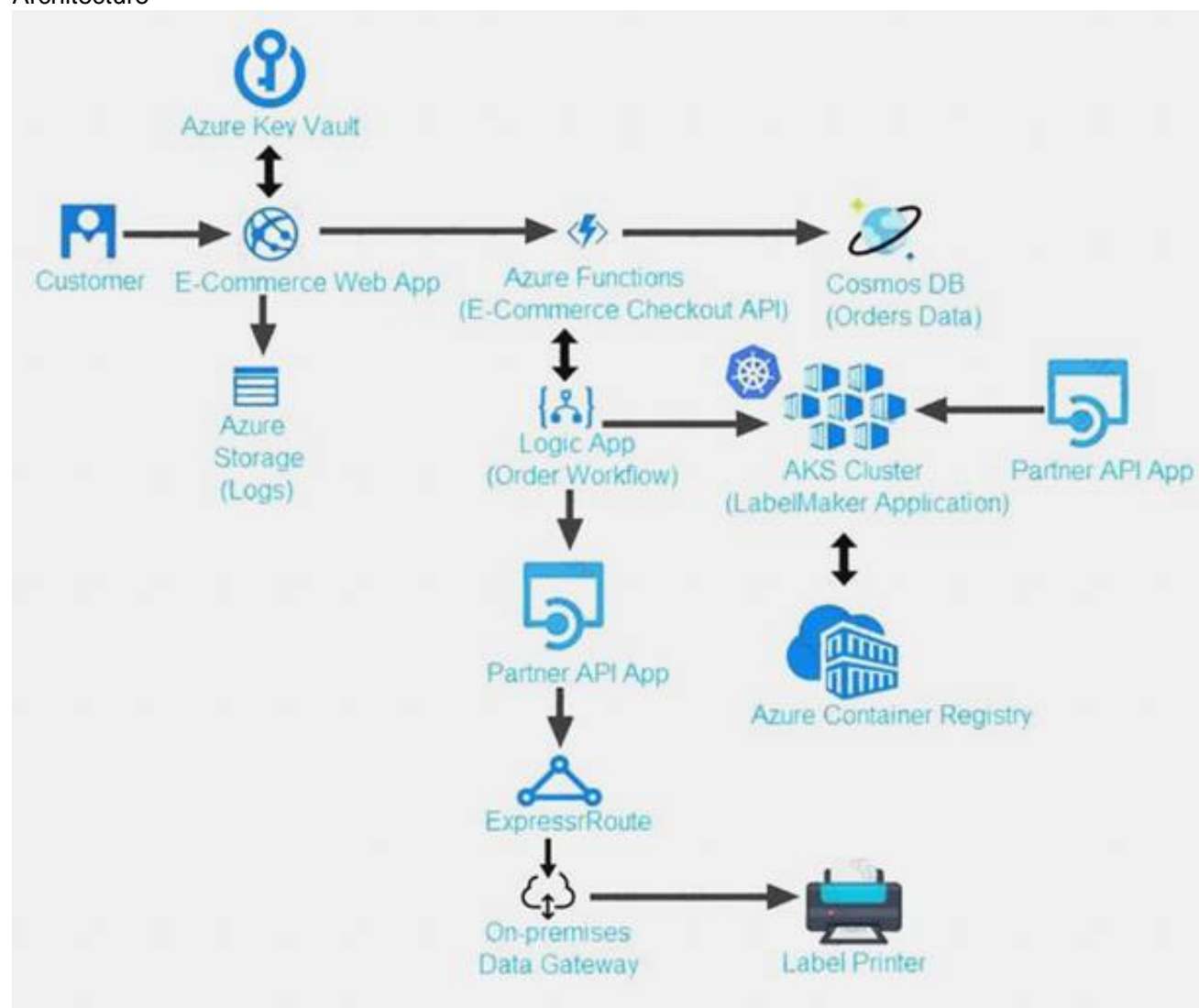
- Users of Coho Winery applications must be able to provide access to documents, resources, and applications to external partners.
- External partners must use their own credentials and authenticate with their organization's identity management solution.
- External partner logins must be audited monthly for application use by a user account administrator to maintain company compliance.
- Storage of e-commerce application settings must be maintained in Azure Key Vault.
- E-commerce application sign-ins must be secured by using Azure App Service authentication and Azure Active Directory (AAD).
- Conditional access policies must be applied at the application level to protect company content.
- The LabelMaker application must be secured by using an AAD account that has full access to all namespaces of the Azure Kubernetes Service (AKS) cluster.

#### 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.

#### Architecture



#### Issues

Calls to the Printer API App fail periodically due to printer communication timeouts.

Printer communication timeouts occur after 10 seconds. The label printer must only receive up to 5 attempts within one minute

The order workflow fails to run upon initial deployment to Azure.

#### Order.Json

Relevant portions of the app files are shown below. Line numbers are included for reference only. The JSON file contains a representation of the data for an order that includes a single item.

```
01 {  
02   "id" : 1,  
03   "customers" : [  
04     {  
05       "familyName" : "Doe",  
06       "givenName" : "John",  
07       "customerid" : 5  
08     }  
09   ],  
10   "line_items" : [  
11     {  
12       "fulfillable_quantity" : 1,  
13       "id" : 6,  
14       "price" : "199.99",  
15       "product_id" : 7513594,  
16       "quantity": 1,  
17       "requires_shipping" : true,  
18       "sku" : "SFC-342-N" ,  
19       "title" : "Surface Go",  
20       "vendor" : "Microsoft" ,  
21       "name" : "Surface Go - 8GB",  
22       "taxable" : true,
```



```

23  "tax"_lines" : [
24  {
25    "title" : "State Tax",
26    "price" : "3.98",
27    "rate" : 0.06
28  }
29 ],
30  "total_discount" : "5.00"
31  "discount_allocations" : [
32  {
33    "amount" : "5.00",
34    "discount_application_index" : 2
35  }
36  ]
37  }
38 ],
39 "address" : {
40 "state" : "NY",
41 "country" : "Manhattan",
42 "city" : "NY"
43 }
44 }
```

#### NEW QUESTION 82

You need to retrieve all order line items sorted alphabetically by the city.

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

NOTE: Each correct selection is worth one point.

Answer Area

SELECT li.id AS lineitemid, li.price

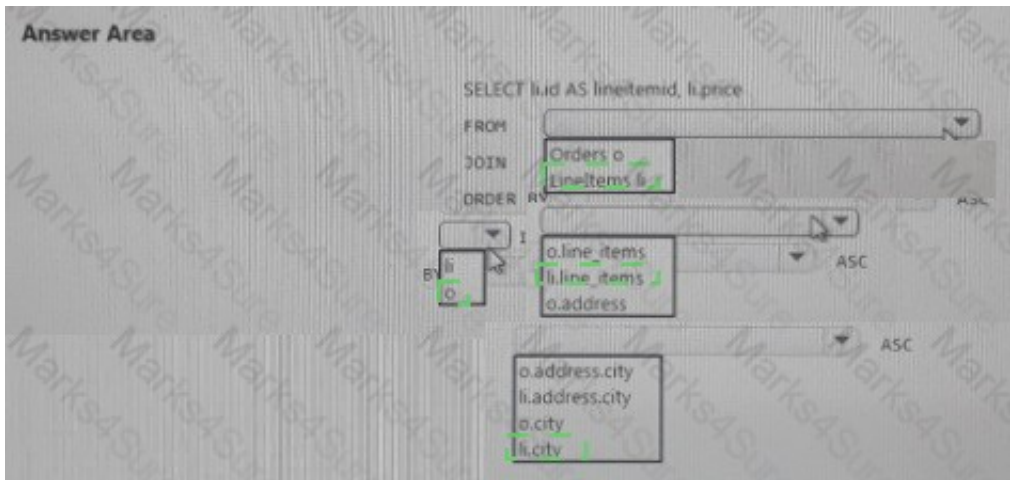
FROM

JOIN

ORDER BY   
 ASC  
 ASC

Answer:

Explanation:



NEW QUESTION 84

You need to troubleshoot the order workflow.  
What should you do? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Review the run history.
- B. Review the trigger history.
- C. Review the API connections.
- D. Review the activity log.

Answer: BD

**Explanation:** Scenario: The order workflow fails to run upon initial deployment to Azure.  
Deployment errors arise from conditions that occur during the deployment process. They appear in the activity log.  
References:  
<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-audit>

NEW QUESTION 89

You need to deploy a new version of the LabelMaker application.  
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.  
NOTE: Each correct selection is worth one point.

Actions

Restart the cluster.

Create an alias of the image with the a new build number.

Build a new application image by using msbuild.

Create an alias of the image with the fully qualified path to the registry.

Build a new application image by using dockerfile.

Download the image to your local computer.

Log in to the registry and push image.

Answer Area

Answer:

**Explanation:** Step 1: Build a new application image by using dockerfile  
Step 2: Create an alias if the image with the fully qualified path to the registry  
Before you can push the image to a private registry, you've to ensure a proper image name. This can be achieved using the docker tag command. For demonstration purpose, we'll use Docker's hello world image, rename it and push it to ACR.  
# pulls hello-world from the public docker hub  
\$ docker pull hello-world  
# tag the image in order to be able to push it to a private registry  
\$ docker tag hello-word <REGISTRY\_NAME>/hello-world  
# push the image  
\$ docker push <REGISTRY\_NAME>/hello-world  
Step 3: Log in to the registry and push image  
In order to push images to the newly created ACR instance, you need to login to ACR form the Docker CLI. Once logged in, you can push any existing docker

image to your ACR instance.

Scenario:

Coho Winery plans to move the application to Azure and continue to support label creation. 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.

References:

<https://thorsten-hans.com/how-to-use-a-private-azure-container-registry-with-kubernetes-9b86e67b93b6> <https://docs.microsoft.com/en-us/azure/container-registry/container-registry-tutorial-quick-task>

#### NEW QUESTION 94

You need to provision and deploy the order workflow.

Which three components should you include? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point

- A. Workflow definition
- B. Connections
- C. Resources
- D. Functions
- E. On-premises Data Gateway

**Answer:** CDE

#### NEW QUESTION 98

Note: This question is part of a series of questions 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 conditional access policy and assign it to the Azure Kubernetes Service cluster. 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.

Before an Azure Active Directory account can be used with the AKS cluster, a role binding or cluster role binding needs to be created. References:

<https://docs.microsoft.com/en-us/azure/aks/aad-integration>

#### NEW QUESTION 99

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 100

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.

```
az group create --name CohoWineryLabelMaker --location eastus
az group create --resource-group CohoWineryLabelMaker --name LabelMakerCluster --node-count 5 --enable-addons monitoring
```

**Answer:**

**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 103

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