

AZ-200 Dumps

Microsoft Azure Developer Core Solutions

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



NEW QUESTION 1

- (Exam Topic 1)

You need to configure retries in the LoadUserDetails function in the Database class without impacting user experience.

What code should you insert on line DB07?

To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```
var policy=
```

Policy
RetryPolicy
RetryOptions
ReconnectRetryPolicy

```
.Handle<Exception>()
```

.Retry(3);
.CircuitBreaker(3, TimeSpan.FromMilliseconds(100));
.WaitAndRetryAsync(3, i => TimeSpan.FromMilliseconds(100));
.WaitAndRetryAsync(3, i => TimeSpan.FromMilliseconds(100 * Math.Pow(2, i-1)));

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Policy

```
RetryPolicy retry = Policy.Handle<HttpRequestException>()
```

```
Retry(3);
```

The above example will create a retry policy which will retry up to three times if an action fails with an exception handled by the Policy.

Box 2: WaitAndRetryAsync(3, i => TimeSpan.FromMilliseconds(100 * Math.Pow(2, i-1)));

A common retry strategy is exponential backoff: this allows for retries to be made initially quickly, but then at progressively longer intervals, to avoid hitting a subsystem with repeated frequent calls if the subsystem may be struggling.

Example: Policy

```
Handle<SomeExceptionType>() WaitAndRetry(3, retryAttempt =>
```

```
TimeSpan.FromSeconds(Math.Pow(2, retryAttempt))
```

```
);
```

References:

<https://github.com/App-vNext/Polly/wiki/Retry>

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)

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

- (Exam Topic 2)

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 5

- (Exam Topic 2)

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	http://adventureworkscycles.com
Coho Vineyard	http://cohovineyard.com
Trey Research	http://treyresearch.azurewebsites.net

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"/>

- A. Mastered
- B. Not Mastered

Answer: A

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 6

- (Exam Topic 2)

A company develops a series of mobile games. All games use a single leaderboard service. You have the following requirements:

- Code should be scalable and allow for growth.
- Each record must consist of a playerId, gameId, score, and time played.
- When users reach a new high score, the system will save the new score using the SaveScore function below
- Each game is assigned an Id based on the series title.

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

```

08 tableOperation.InsertOperation = tableOperation.Insert(scoreRecord);
09 table.Execute(insertOperation);
10 }
11 public class PlayerScore : TableEntity
12 {
13     public PlayerScore(string gameId, string playerId, int score, long timePlayed)
14     {
15         this.PartitionKey = gameId;
16         this.RowKey = playerId;
17         Score = score;
18         TimePlayed = timePlayed;
19     }
20     public int Score { get; set; }
21     public long TimePlayed { get; set; }

```

You store customer information in an Azure Cosmos database. 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.)

```

01 CloudTableClient tableClient = account.CreateCloudTableClient();
02 CloudTable table = tableClient.GetTableReference("people");
03 TableQuery<CustomerEntity> query = new TableQuery<CustomerEntity>()
04     .Where(TableQuery.CombineFilters(
05         TableQuery.GenerateFilterCondition(PartitionKey, QueryComparisons.Equal, "Smith"),
06         TableOperators.And, TableQuery.GenerateFilterCondition(Email, QueryComparisons.Equal, "ssmith@contoso.com")
07     ));
08 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 will work with Cosmos DB.	<input type="radio"/>	<input type="radio"/>
The save score function will update and replace a record if one already exists with the same playerId and gameId.	<input type="radio"/>	<input type="radio"/>
The data for the game will be automatically partitioned.	<input type="radio"/>	<input type="radio"/>
This code will store the values for the gameId and playerId parameters in the database.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

	Yes	No
The code will work with Cosmos DB.	<input checked="" type="radio"/>	<input type="radio"/>
The save score function will update and replace a record if one already exists with the same playerId and gameId.	<input checked="" type="radio"/>	<input type="radio"/>
The data for the game will be automatically partitioned.	<input checked="" type="radio"/>	<input type="radio"/>
This code will store the values for the gameId and playerId parameters in the database.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 7

- (Exam Topic 2)

You are developing an Azure Function App by using Visual Studio. The app will process orders Queue Storage. You need to review the Azure Function App code shown below.

```
public static class OrderProcessor
{
    [FunctionName("ProcessOrders")]
    public static void ProcessOrders([QueueTrigger("incoming-orders")]CloudQueueMessage myQueueItem, [Table("Orders")]ICollector<Order> tableBindings,
    TraceWriter log)
    {
        log.Info($"Processing Order: {myQueueItem.Id}");
        log.Info($"Queue Insertion Time: {myQueueItem.InsertionTime}");
        log.Info($"Queue Expiration Time: {myQueueItem.ExpirationTime}");
        tableBindings.Add(JsonConvert.DeserializeObject<Order>(myQueueItem.AsString));
    }

    [FunctionName("ProcessOrders-Poison")]
    public static void ProcessFailedOrders([QueueTrigger("incoming-orders-poison")]CloudQueueMessage myQueueItem, TraceWriter log)
    {
        log.Error($"Failed to process order: {myQueueItem.AsString}");
    }
}
```

Answer Area

	Yes	No
The code will log the time that the order was processed from the queue.	<input type="radio"/>	<input type="radio"/>
When the ProcessOrders function fails, the function will retry up to five times for a given order, including the first try.	<input type="radio"/>	<input type="radio"/>
When there are multiple orders in the queue, a batch of orders will be retrieved from the queue and the ProcessOrders function will run multiple instances concurrently to process the orders.	<input type="radio"/>	<input type="radio"/>
The ProcessOrders function will output the order to an Orders table in Azure Table Storage.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

	Yes	No
The code will log the time that the order was processed from the queue.	<input checked="" type="radio"/>	<input type="radio"/>
When the ProcessOrders function fails, the function will retry up to five times for a given order, including the first try.	<input type="radio"/>	<input checked="" type="radio"/>
When there are multiple orders in the queue, a batch of orders will be retrieved from the queue and the ProcessOrders function will run multiple instances concurrently to process the orders.	<input type="radio"/>	<input checked="" type="radio"/>
The ProcessOrders function will output the order to an Orders table in Azure Table Storage.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 8

- (Exam Topic 2)

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 DevServer only through DevWorkstation. To maintain security, DevServer must not accept connections from the internet. You need to create a private connection between the DevWorkstation 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 9

- (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 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 10

- (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" })
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

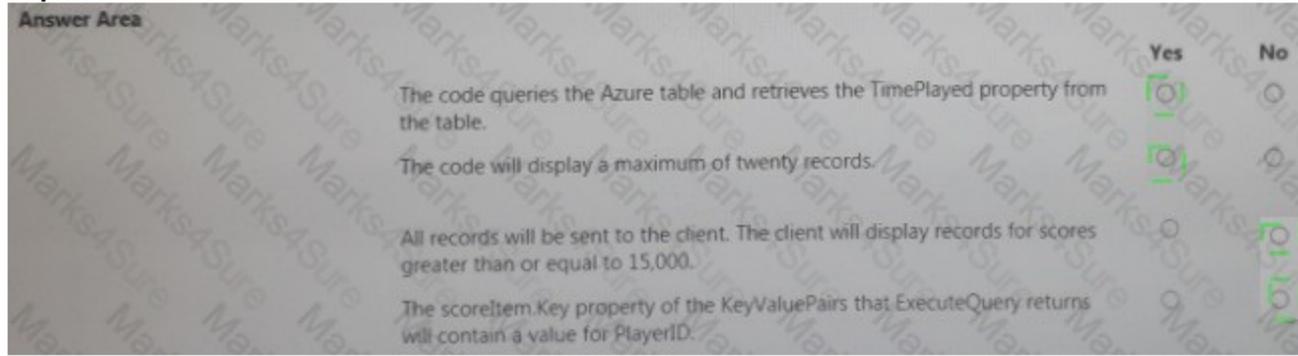
Answer Area	Yes	No
The code queries the Azure table and retrieves the TimePlayed property from the table.	<input type="radio"/>	<input type="radio"/>
The code will display a maximum of twenty records.	<input type="radio"/>	<input type="radio"/>
All records will be sent to the client. The client will 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"/>

A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 10

- (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 12

- (Exam Topic 3)

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 16

- (Exam Topic 3)

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

Answer Area

- 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.



- A. Mastered
- B. Not Mastered

Answer: A

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 21

- (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.

```

az [dropdown] create --name [dropdown] --location eastus
[dropdown]
group
aks
acr
CohoWineryLabelMaker
LabelMakerCluster

az [dropdown] create --resource-group CohoWineryLabelMaker --name
[dropdown]
group
aks
acr
LabelMakerCluster --node-count 5 --enable-addons [dropdown]
monitoring
http_application_routing
    
```

- 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 22

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