Microsoft

Exam Questions AZ-200

Microsoft Azure Developer Core Solutions

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NEW QUESTION 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.

Answer:

**Explanation:**
Box 1: Policy
```csharp
Policy retry = Policy.Handle<HttpRequestException>()
  .Catch<HttpRequestException>(() =>
    new RetryPolicy(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.
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
```csharp
Policy Handle<SomeExceptionType>()
  .WaitAndRetry(3, retryAttempt =>
    TimeSpan.FromSeconds(Math.Pow(2, retryAttempt))
  );
```

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

NEW QUESTION 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.)

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

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

Explanation:

NEW QUESTION 3
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 a 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 Function
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 4
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.

Answer:
NEW QUESTION 5
Note: This question is part of a series of questions that present the same scenario solution meets the stated goals.
You have the following resource groups:

<table>
<thead>
<tr>
<th>Resource group</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>DevServer_WestCentralUS</td>
<td>This resource group is located in the West Central US region and contains a single virtual machine named DevServer. DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.</td>
</tr>
<tr>
<td>Workstation_EastUs</td>
<td>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 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.</td>
</tr>
</tbody>
</table>

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 a public IP address on DevServer_WestCentral. Configure the Network Security Group to allow all incoming ports.

Does the solution meet the goal?
A. Yes
B. No

Answer: B

NEW QUESTION 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 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/

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