Microsoft

Exam Questions AZ-202

Microsoft Azure Developer Certification Transition
NEW QUESTION 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 2
You need to update the Inventory API.
Which development tools should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

- ADO.NET Framework
- Entity Framework Core
- WCF Data Services
- Code first
- Model first
- Database first
- Code first

Answer:

Explanation: Scenario: The Inventory API must be written by using ASP.NET Core and Node.js. Box 1: Entity Framework Core
Box 2: Code first
References:

NEW QUESTION 3
You have implemented code that uses elastic transactions spanning across three different Azure SQL Database logical servers. Database administrators report that some transactions take longer to complete than expected.
You need to use the correct tool to monitor all the transactions originating from the elastic transaction implementation. Which tool should you use?

A. Run the sys.dm_tran_active_transactions dynamic management view.
B. Run the sys.dm_tran_current_snapshot dynamic management view.
C. Run the sys.dm_tran_active_snapshot_database_transactions dynamic management view.
D. Use the dependencies section of Azure Applications Insights.

Answer: A

Explanation: Use Dynamic Management Views (DMVs) in SQL DB to monitor status and progress of your ongoing elastic database transactions. These DMVs are particularly useful:
sys.dm_tran_active_transactions: Lists currently active transactions and their status. The UOW (Unit Of Work) column can identify the different child transactions that belong to the same distributed transaction. All transactions within the same distributed transaction carry the same UOW value.
sys.dm_tran_database_transactions: Provides additional information about transactions, such as placement of the transaction in the log.
sys.dm_tran_locks: Provides information about the locks that are currently held by ongoing transactions
References:

NEW QUESTION 4
A construction company creates three-dimensional models from photographs and design diagrams of buildings. The company plans to store high-resolution photographs and blueprint files in Azure Blob Storage. The files are currently stored in the construction company's office.
You are developing a tool to connect to Azure Storage, create container, and then upload the files. The tool must remain responsive to the end user while it is running and performing remote I/O operations. It must also wait for methods to complete before continuing.

You need to complete the configuration.

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

```csharp
public static void Main()
{
    ProcessAsync().GetAwaiter().GetResult();
    await ProcessAsync();
    Console.WriteLine("Finished.");
}

private static async Task ProcessAsync()
{
    CloudStorageAccount storageAccount = null;
    CloudBlobContainer cloudBlobContainer = null;
    string storageConnectionString = Environment.GetEnvironmentVariable("storageconnectionstring");
    if (CloudStorageAccount.TryParse(storageConnectionString, out storageAccount))
    {
        try
        {
            CloudBlobClient cloudBlobClient = storageAccount.CreateCloudBlobClient();
            .cloudBlobContainer = cloudBlobClient.GetContainerReference("blobs" + Guid.NewGuid().ToString());
            cloudBlobContainer.CreateAsync();
        }
    }
}
```

**Answer:**

**Explanation:** Box 1: ProcessAsync();
Box 2: await cloudBlobContainer.CreateAsync();

If you specify that a method is an async method by using the async modifier, you enable the following two capabilities.

The marked async method can use await to designate suspension points. The await operator tells the compiler that the async method can't continue past that point until the awaited asynchronous process is complete. In the meantime, control returns to the caller of the async method.

The suspension of an async method at an await expression doesn't constitute an exit from the method, and finally blocks don't run.

The marked async method can itself be awaited by methods that call it. References:
https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/concepts/async/

**NEW QUESTION 5**

You develop cloud solutions an organization. The organization creates a mailing list for each new project that is announced to the public. You add users manually to a Mail Chimp list when a request email is sent to a community manager’s Microsoft Office 365 email account.

You need to automate the process of adding new users to the Mail Chimp list by using an Azure Logic App. Which five actions should you perform in sequence? To answer, move the appropriate actions form the list of actions to the answer area and arrange them in the correct order.
NEW QUESTION 6
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.)
Certshared now are offering 100% pass ensure AZ-202 dumps!
https://www.certshared.com/exam/AZ-202/ (150 Q&As)

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:

Explanation:

NEW QUESTION 7

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result these questions will not appear in the review screen.

You use ASP.NET Core MVC with ADO.NET to develop an application. You implement database sharding for the application by using Azure SQL Database. You establish communication links between the shard databases.

You need to implement a strategy that allows a group of operations that are performed on multiple Azure databases to be rolled back on all databases if any of the operations fail.

Solution:
• Deploy a SQL database instance in an Azure Virtual Machine (VM).
• Establish linked servers to each Azure SQL Database instance from the SQL Server instance in the VM.
• Create a stored procedure in the VM that performs the update operations using a distributed transaction and commits them if successful.
• Run the SQL stored procedure on the SQL Server instance in the VM. Does the solution meet the goal?

A. Yes
B. No
NEW QUESTION 8
You develop a web app that uses the tier D1 app service plan by using the Web Apps feature of Microsoft Azure App Service.
Spikes in traffic have caused increases in page load times.
You need to ensure that the web app automatically scales when CPU load is about 85 percent and minimize costs.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions
- Enable autoscaling on the web app.
- Configure a Scale condition.
- Configure the web app to the Standard App Service Tier.
- Configure the web app to the Premium App Service Tier.
- Switch to an Azure App Services consumption plan.
- Add a Scale rule.

Answer:

**Answer:**

**Explanation:**
Step 1: Configure the web app to the Standard App Service Tier
The Standard tier supports auto-scaling, and we should minimize the cost.
Step 2: Enable autoscaling on the web app
First enable autoscale
Step 3: Add a scale rule
Step 4: Add a Scale condition

References:

NEW QUESTION 9
You are creating an IoT solution using Azure Time Series Insight.
You configure the environment to ensure that all data for the current year is available. What should you do?

A. Change the pricing tier.
B. Add a disaster recovery (DR) strategy.
C. Set a value for the Data Retention time setting.
D. a reference data

Answer: C

**Explanation:**
The data is retained in Time Series Insights based on the selected retention days or maximum limits. Retention is configurable in the Azure portal. The longest allowable retention period is a rolling year of 12 months + 1 month, which is defined as 400 days.

References:

NEW QUESTION 10
You develop an IoT solution by using Node.js. The solution is ready to deploy to the production environment.
You must implement the device twin capabilities of Azure IoT Hub. You must register a sensor named Sensor00. The IoT Hub name is Hub01.
You need to register the endpoint with ContosoHub01 so that you can configure them from your solution. Which four commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.
Answer:

**Explanation:**
Step 1: `az extension add --name azure-cli-iot-ext`
Run the following command in the command-line environment where you are using the Azure CLI to install the IoT extension:

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

Step 2: `az iot hub device-identity create --hub-name {Hub01} --device-id Sensor00`
Create a new device identity called myDeviceId and retrieve the device connection string with these commands:

```
az iot hub device-identity create --device-id myDeviceId --hub-name {Your IoT Hub name}
az iot hub device-identity show-connection-string --device-id myDeviceId --hub-name {Your IoT Hub name} -o table
```

Step 3: `az iot hub device-identity show-connection-string --hub-name {Hub01} --device-id Sensor00`

Step 4: Create the service app
In this section, you create a Node.js console app that adds location metadata to the device twin. npm install azure-iotHub --save

References:

**NEW QUESTION 11**
You host an on-premises ASP.NET Web API at the company headquarters. The Web API is consumed by applications running at the company’s branch offices using the Azure Relay service. All the users of the applications are on the same Azure Active Directory (Azure AD).

You need to ensure that the applications can consume the Web API. What should you do?

A. Create separate Azure AD groups named Senders and Receiver
B. In Access Control (IAM) for the Relay namespace, assign Senders the Reader role and assign Receivers the Reader role.
C. Create dedicated Azure AD identities named Sender and Receive
D. Assign Sender the Azure AD Identity Reader role
E. Assign Receiver the Azure AD Identity Reader role
F. Configure applications to use the respective identities.
G. Create a Shared Access policy for the namespace.
H. Use a connection string in Web API and use a different connection string in consumer applications.
I. Create a Shared Access policy for Send permissions and another for Receive permissions.

Answer: C

Explanation: To begin using Service Bus messaging entities in Azure, you must first create a namespace with a name that is unique across Azure. A namespace provides a scoping container for addressing Service Bus resources within your application. When you publish an application through Azure Active Directory Application Proxy, you create an external URL for your users to go to when they're working remotely. This URL gets the default domain yourtenant.msappproxy.net.

References:

NEW QUESTION 12
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:

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 13
You are developing a .NET Core Web Job that is triggered by an Azure Storage Queue. The project uses dependency injection from the NuGet package Microsoft.Extensions.DependencyInjection. The Webjob logic is contained in the Worker class.
The program.cs file contains the following code:

```csharp
static void Main()
{
    var sc = new ServiceCollection();
    sc.AddSingleton<Worker>();
    var sp = sc.BuildServiceProvider();
    var jobHostConfig = new JobHostConfiguration()
    {
        JobHost = new Helper(sp),
    };
    var host = new JobHost(jobHostConfig);
    host.RunAndBlock();
}
```

You need to ensure that the Worker class can run when an Azure Storage Queue message arrives. Which code segments should you use to 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.
NEW QUESTION 14
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 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 15
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 Microsoft Azure Active Directory service principal and assign it to the Azure Kubernetes Service (AKS) cluster. Does the solution meet the goal?
A. Yes
B. No

Answer: A
NEW QUESTION 16

......
Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions
2nd - Questions and Answers in PDF Format

AZ-202 Practice Exam Features:

* AZ-202 Questions and Answers Updated Frequently
* AZ-202 Practice Questions Verified by Expert Senior Certified Staff
* AZ-202 Most Realistic Questions that Guarantee you a Pass on Your First Try
* AZ-202 Practice Test Questions in Multiple Choice Formats and Updates for 1 Year

100% Actual & Verified — Instant Download, Please Click
Order The AZ-202 Practice Test Here