Microsoft

Exam Questions AZ-201

Microsoft Azure Developer Advanced Solutions
NEW QUESTION 1
You need to secure the access to the Delivery API. 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.

Answer:

Explanation:

NEW QUESTION 2
You need to ensure that the solution can meet the scaling requirements for Policy Service. Which Azure Application Insights data model should you use?
A. an Application Insights metric
B. an Application Insights dependency
C. an Application Insights trace
D. an Application Insights event

Answer: D

Explanation: Topic 3, Mix Questions

NEW QUESTION 3
You are developing a solution that requires serverless code execution in Azure. The solution has two functions that must run in a specific order. You need to ensure that the second function can use the output from the first function. How should you complete the code? To answer, select the appropriate options in the answer area, NOTE: Each correct selection is worth one point.
NEW QUESTION 4
You are developing a .NET Core MVC application for customers to research hotels. The application will use Azure Search. The application will search the index using various criteria to local domains to hotels. The index will include search fields for rate, a list of amenities, and distance to the nearest airport. The application must support the following scenarios for specifying search criteria and organizing results:
• Search the index by using regular expressions.
• Organize results by counts for name-value pairs.
• List hotels within a specified distance to an airport and that fall within a specific price range. You need to configure the Search Parameters class. Which properties should you configure? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer:

Explanation:

NEW QUESTION 5
An application that you manage has several web front-end instances- Each web front end communicates with a set of back-end worker processes by using an Azure queue. You are developing code for the worker processes. You have a function named DoWork() that handles data processing tasks. You need to develop code for the worker processes that meets the following requirements:
• Properly access an item from the queue and be resistant to failure.
• Run on multiple background processes.
• Ensure that messages regarding failed processes are logged to the console. How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection its worth one point.
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 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:
• In the .NET method, define a new transaction in a using block.
• Within the using block, establish connections to each Azure SQL Database instance.
• Run the SQL operations on each connection. If no exception occurs, commit the transaction. Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 7

A company is creating an IoT solution for connecting to smart refrigerators. You plan to use the Azure IoT Hub Device Provisioning Service for this process.

You need to provision the devices automatically.

Which feature of Device Provisioning Service should you use?

A. Template registration
B. Device simulation
C. Device registration and configuration
D. Delivery and retry

Answer: C

Explanation: Azure IoT auto-provisioning can be broken into three phases:
- Service configuration - a one-time configuration of the Azure IoT Hub and IoT Hub Device Provisioning Service instances, establishing them and creating linkage between them.
- Device enrollment - the process of making the Device Provisioning Service instance aware of the devices that will attempt to register in the future. Note: The Device Provisioning Service is a helper service that enables just-in-time provisioning of devices to an IoT hub, without requiring human intervention. After successful provisioning, devices connect directly with their designated IoT Hub. This process is referred to as auto-provisioning, and provides an out-of-the-box registration and initial configuration experience for devices.
- Device registration and configuration - initiated upon boot up by registration software, which is built using a Device Provisioning Service client SDK appropriate for the device and attestation mechanism. The software establishes a connection to the provisioning service for authentication of the device, and subsequent
registration in the IoT Hub. Upon successful registration, the device is provided with its IoT Hub unique device ID and connection information, allowing it to pull its initial configuration and begin the telemetry process. In production environments, this phase can occur weeks or months after the previous two phases.

References:
https://docs.microsoft.com/en-us/azure/iot-dps/concepts-auto-provisioning

NEW QUESTION 8

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