AZ-220 Q&As

Microsoft Azure IoT Developer

Pass Microsoft AZ-220 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.pass2lead.com/az-220.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft Official Exam Center

- **Instant Download** After Purchase
- **100% Money Back** Guarantee
- **365 Days** Free Update
- **800,000+** Satisfied Customers

QUESTION 1

You have an Azure IoT solution that includes an Azure IoT hub, 100 Azure IoT Edge devices, and 500 leaf devices.

You need to perform a key rotation across the devices.

Which three types of entities should you update? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. the $edgeHub module identity

B. the $edgeAgent module identity

C. the leaf module identities

D. the IoT Edge device identities

E. the iothubowner policy credentials

F. the leaf device identities

Correct Answer: ADF

To get authorization to connect to IoT Hub, devices and services must send security tokens signed with either a shared access or symmetric key. These keys are stored with a device identity in the identity registry.

An IoT Hub identity registry can be accessed like a dictionary, by using the deviceId or moduleId as the key.

Reference:

https://docs.microsoft.com/bs-latn-ba/azure/iot-dps/how-to-control-access

https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-devguide-identity-registry

QUESTION 2

You have an Azure IoT hub.

You need to check whether the IoT hub was affected by an outage.

What should you select in the Azure portal? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

A. Resource health

B. Metrics

C. Alerts

D. Diagnostic settings

Correct Answer: A

https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-azure-service-health-integration

QUESTION 3

You have an Azure IoT solution that includes multiple Azure IoT hubs in different geographic locations and a single Device Provision Service instance. You need to configure device enrollment to assign devices to the appropriate IoT hub based on the following requirements:

1.

The registration ID of the device

2.

The geographic location of the device

The load between the IoT hubs in the same geographic location must be balanced.

What should you use to assign the devices to the IoT hubs?

A. Static configuration (via enrollment list only)

B. Lowest latency

C. Evenly weighted distribution

D. Custom (Use Azure Function)

Correct Answer: A

Set the Device Provisioning Service allocation policy

The allocation policy is a Device Provisioning Service setting that determines how devices are assigned to an IoT hub. There are three supported allocation policies:

Lowest latency: Devices are provisioned to an IoT hub based on the hub with the lowest latency to the device.

Evenly weighted distribution (default): Linked IoT hubs are equally likely to have devices provisioned to them. This is the default setting. If you are provisioning devices to only one IoT hub, you can keep this setting.

Static configuration via the enrollment list: Specification of the desired IoT hub in the enrollment list takes priority over the Device Provisioning Service-level allocation policy.

Reference:

https://docs.microsoft.com/en-us/azure/iot-dps/tutorial-provision-multiple-hubs

QUESTION 4

You have a Standard tier Azure IoT hub and a fleet of IoT devices.

The devices connect to the IoT hub by using either Message Queuing Telemetry Transport (MQTT) or Advanced Message Queuing Protocol (AMQP).

You need to send data to the IoT devices and each device must respond. Each device will require three minutes to process the data and respond.

Solution: You use cloud-to-device messages and watch the cloud-to-device feedback endpoint for successful acknowledgement.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

IoT Hub provides three options for device apps to expose functionality to a back-end app:

Twin\\'s desired properties for long-running commands intended to put the device into a certain desired state. For example, set the telemetry send interval to 30 minutes.

Direct methods for communications that require immediate confirmation of the result. Direct methods are often used for interactive control of devices such as turning on a fan.

Cloud-to-device messages for one-way notifications to the device app.

Reference:

https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-devguide-c2d-guidance

QUESTION 5

HOTSPOT

You need to use message enrichment to add additional device information to messages sent from the IoT gateway devices when the reported temperature exceeds a critical threshold.

How should you configure the enrich message values? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Correct Answer:

Answer Area

Reference: https://docs.microsoft.com/bs-cyrl-ba/azure/iot-hub/iot-hub-message-enrichments-overview