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Developing Solutions using Cisco IoT and Edge Platforms (DEVIOT)

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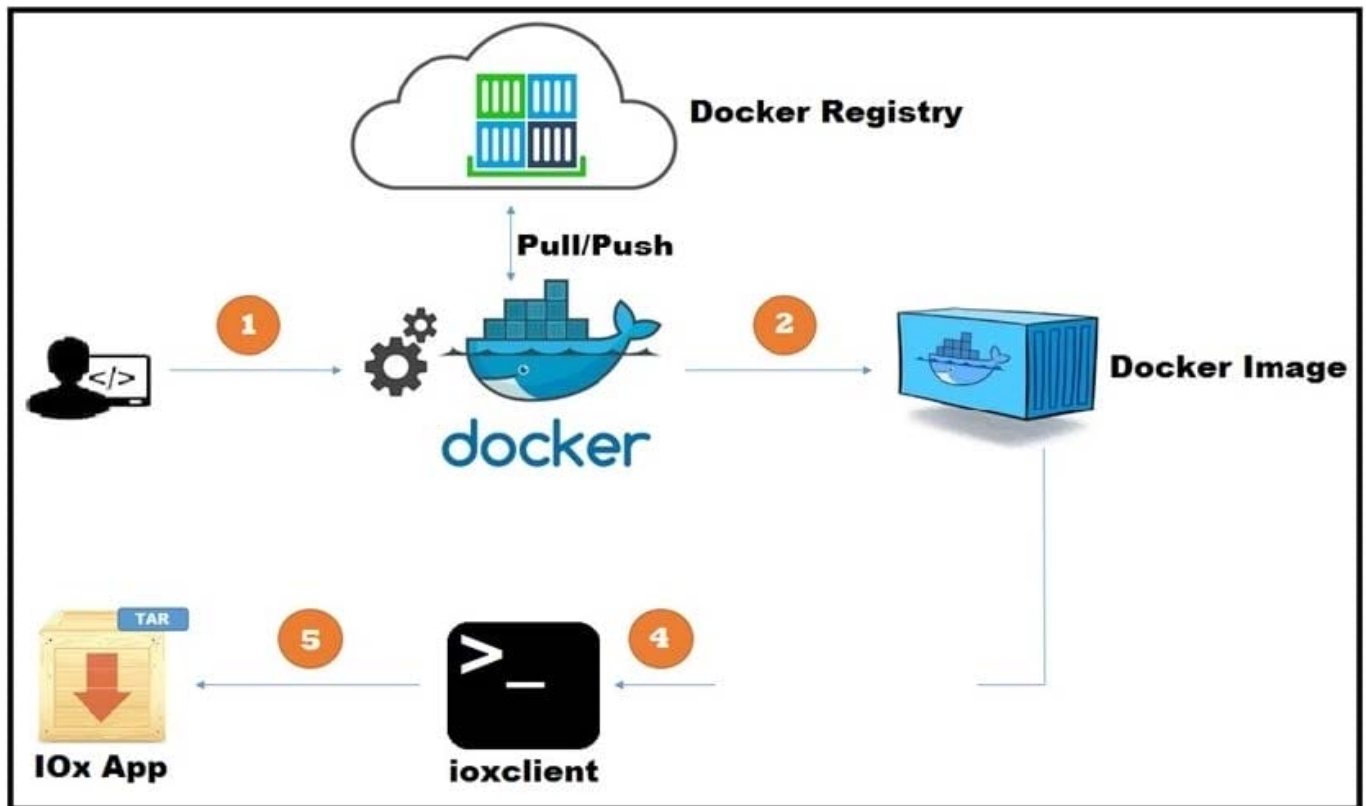
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QUESTION 1

Refer to the exhibit. A new application has just been developed as a Docker container. What is the missing step for packaging the container ready for deployment in IOx?

A. Pull/push the image to the Docker registry.

B. Build the package.yaml files.

C. Build the package.cert file to sign the app.

D. Log in to device manager and load the application.

Correct Answer: B

QUESTION 2

Refer to the exhibit. Approximately 4000 oil platforms, each with 400 sensors, are spread in the Gulf of Mexico and all of their data must come together into one dashboard. Which general architecture should be selected to connect them?

A. 4-tier: sensor ?edge device (Intel Atom CPU) ?fog device (Intel Xeon CPU) ?cloud

B. 5-tier: intelligent sensor?edge device (Intel Atom CPU) ?fog device (Intel Xeon CPU) ?edge data center (Intel Xeon CPU)

C. 2-tier: intelligent sensor ?cloud

D. 3-tier: sensor ?edge device (Intel Atom CPU) ?cloud

Correct Answer: B

Reference: https://www.itu.int/en/ITU-D/Regional-Presence/Africa/Documents/Internet%20of%20Things%20-%20Cisco%27s%20Vision%20and%20Approach.pdf
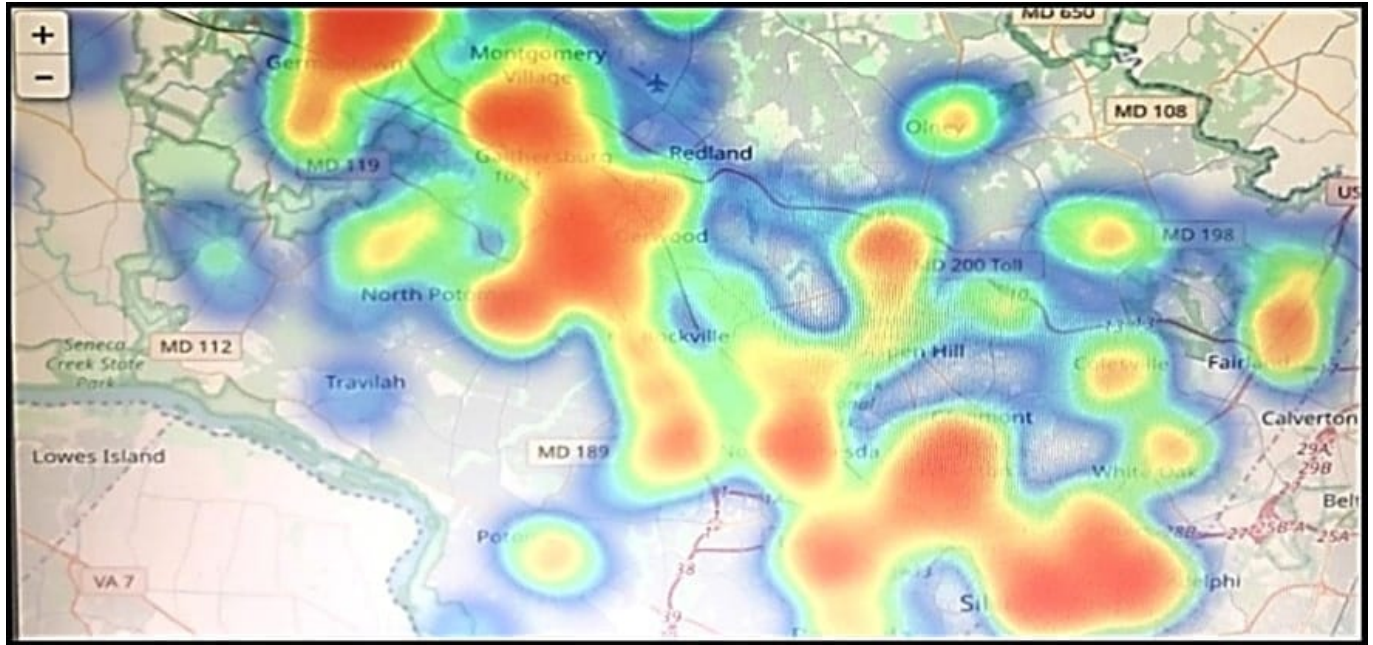
QUESTION 3

Which method is used to gather data from a sensor?

A. Configure the edge application to push data to the cloud.

B. Set up a rendezvous point where the sensor and edge application meet.

C. Set up a dedicate process for each sensor that grabs data.

D. Pull data from the sensor.

Correct Answer: A

QUESTION 4

Refer to the exhibit. Which two statements are true? (Choose two.)

A. That is a heatmap projected on top of a geographic map.

B. That is a treemap projected on top of a geographic map.

C. The color red usually stands for lower values and the color blue usually stands for higher values.

D. Another suitable visualization technique for this image would be line graphs.

E. The color blue usually stands for lower values and the color red usually stands for higher values.

Correct Answer: AE

QUESTION 5

Which two commands inside a Docker container on a gateway help to troubleshoot why the compute performance of the device is slowing down? (Choose two.)

A. show processes

B. top

C. wmic

D. ps

E. proc

Correct Answer: BD

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