

300-915^{Q&As}

Developing Solutions using Cisco IoT and Edge Platforms (DEVIOT)

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QUESTION 1

DRAG DROP

Drag and drop the Dockerfile instructions from the left onto the correct arguments on the right.

Select and Place:

EXPOSE	alpine
ADD	apk update
WORKDIR	/opt/cisco
RUN	start.sh .
FROM	8000

Correct Answer:

	FROM
	ADD
	WORKDIR
	RUN
	EXPOSE

QUESTION 2

What are two functionalities of edge data services? (Choose two.)

- A. creating a machine learning data model
- B. supporting many interfaces and APIs
- C. applying advanced data analytics
- D. filtering, normalizing and aggregating data
- E. saving data for a prolonged time period

Correct Answer: DE

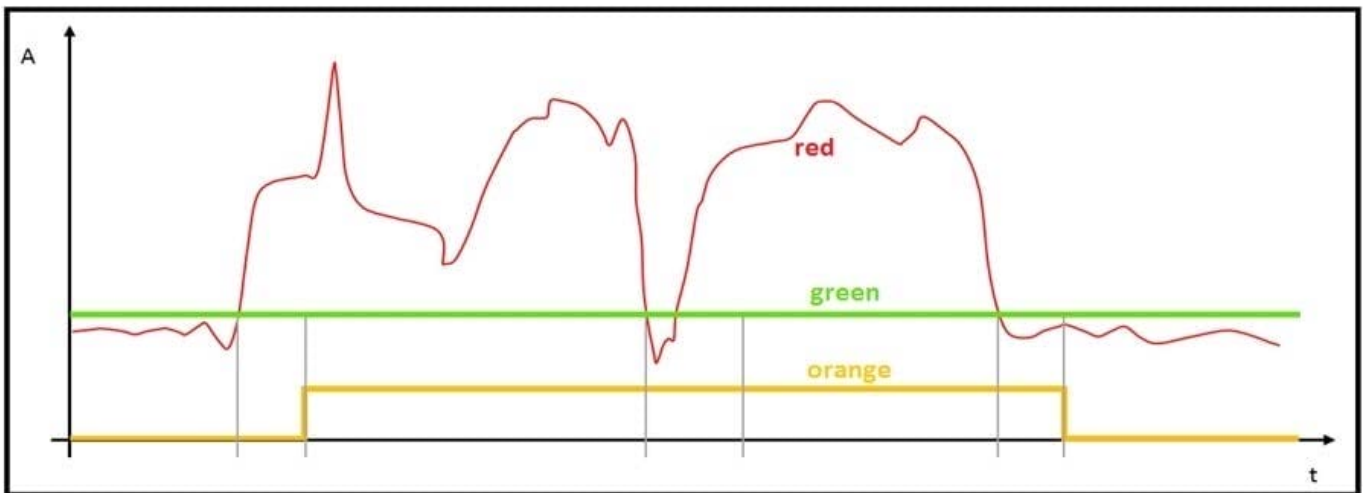
QUESTION 3

Which two actions must be completed before starting the process of sending IoT data to the cloud via edge routers? (Choose two.)

- A. Measure the voltage, power rating, and quiescent current for the sensors that send data to the cloud.
- B. Gather the hardware (MAC) addresses of local and cloud routers to ensure low latency communication.
- C. Collect information about the CPU architecture in the cloud and edge to ensure that they match.
- D. Gather the interval, the volume, and the latency that the data must be provisioned with.
- E. Collect information about growth, required elasticity, and high availability of the provisioning process.

Correct Answer: DE

QUESTION 4



Refer to the exhibit. The red line represents the energy consumption of an industrial machine.

Which two statements about the graphs are true? (Choose two.)

- A. The orange graph is expected to drop to zero for a brief period around the midpoint on the x axis.
- B. The red graph contains the raw data points.
- C. The green graph is the mean value of the data points.
- D. The green graph does not give us any valuable information.
- E. The orange graph has three values on the y-axis.

Correct Answer: BC

QUESTION 5

What is a major difference of MQTT in terms of design compared to AMQP?

- A. MQTT requires more bandwidth.
- B. MQTT has very low overhead.
- C. MQTT has more advanced routing features for messages.
- D. MQTT provides routing based on headers.

Correct Answer: B

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