# 300-915 Q&As

Developing Solutions using Cisco IoT and Edge Platforms (DEVIOT)

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**QUESTION 1**

A sensor reads potentially critical data from an industrial device, but most of the data from the sensor is not critical information and does not change unless a critical event happens.

Which data work flow is appropriate for how the critical and non-critical data is processed?

A. 1. Acquire sensor data.

2.

Filter non-actionable data.

3.

Perform action on data.

4.

Send critical data and action performed on data to cloud for storing.

B. 1. Acquire sensor data.

2.

Send data to cloud for processing and to determine action.

3.

Send required action back to edge for action completion.

4.

Perform action on data.

C. 1. Acquire sensor data.

2.

Filter non-actionable data.

3.

Perform action on data.

D. 1. Acquire sensor data.

2.

Perform action on data.

3.

Send data and action performed on data to cloud for recording.

Correct Answer: D

**QUESTION 2**

Which two statements define the mechanism for console access of the Guest Operating System from the Cisco IR829 router? (Choose two.)

A. The Guest OS can be accessed by default on Telnet port 2070 from the Cisco IR829 console.

B. The Guest OS console is available directly by the AUX port 3362 from the Cisco IR829 router.

C. The Guest OS can be accessed directly using the console port on the Cisco IR829 router.

D. The Guest OS can be accessed by initiating SSH from the Cisco IR829 console.

E. The Guest OS console is available only when a static IP is configured on the host.

Correct Answer: AD

**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**

Which command is used to package a Docker-style Cisco IOx app using ioxclient?

A. ioxclient docker create helloworld:1.0.

B. ioxclient docker-app helloworld:1.0.

C. ioxclient docker package helloworld:1.0.

D. ioxclient docker helloworld:1.0.

Correct Answer: C

**QUESTION 5**

A company is collecting data from several thousand machines globally. Which software component in the overall architecture is the next destination of the dataflow after the data has been gathered and normalized on the edge data software?

A. relational database: MySQL

B. historian database: influxDB

C. message broker: Apache Kafka

D. dashboard: Node.js web app

Correct Answer: B

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