Question 1

The network team of a large international airport is creating a sensor network on their site using the Cisco LoRaWAN solution. Drag and drop the actions from the left to right needed to implement this project. Not all options are used.

Onboard the gateways in the Field Network Director.

Answer:

Set up a database and message broker.

Configure the devices uplinks and downlinks on the LoRa network server.

Question 2

Question Type: **MultipleChoice**

Install the sensors and LoRa gateways (power, network connectivity).

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

Add the sensors using the DevDI, AppDI, and AppKey.

Options:

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.

Answer:

D, E

Question 3

Question Type: MultipleChoice

As part of an IoT project, an organization is developing an application that will share multiple clients using a REST API.

Based on the software development process, what are two valid technical activities that can be suggested to secure the REST API that is developed during the development of the software? (Choose two.)

Options:

A- Respond to request failures in detail to allow users for easier troubleshooting.

B- Implement HTTP whitelisting to only methods that are allowed.

C- Implement and review audit logs for security-related events.

D- Reject HTTP methods that are invalid with an error code 404.

E- Implement physical firewalling and access control to the resources.

Answer:

B, D

Question 4

Question Type: **MultipleChoice**

A network is being configured for an Ethernet-connected sensor. The sensor fails to send data to the configured destination. The IP address of the sensor can be pinged from a laptop on the same subnet. When a different subnet is used, the sensor cannot be reached, but other clients on the same subnet are still accessible.

What are two reasons for the connectivity problem? (Choose two.)

Options:

A- wrong DNS server on the sensor

B- wrong subnet mask on your laptop

C- wrong default gateway on the sensor

D- wrong default gateway on your laptop

E- wrong subnet mask on the sensor

Answer:

C, E

Question 5

Question Type: MultipleChoice

Refer to the exhibit.

```
FROM devhub-docker.cisco.com/iox-docker/ir800/base-rootfs:latest

RUN opkg update && opkg install python
COPY sample.py /usr/bin/sample.py


CMD /usr/bin/sample.py
```

Which line of code completes the Dockerfile?

Options:

A- RUN chmod 777 /usr/bin/sample.py

B- RUN chown root:root /usr/bin/sample.py

C- WORKDIR /usr/bin

D- USER root

Answer:

A

Question 6

Which two statements about how to provision and manage data originators in a cloud environment are true? (Choose two.)

Options:

A- The provisioning of digital identities is the responsibility of the data originators.

B- Cloud providers offer services for automated device provisioning, which allows the lifecycle of the cloud- representation for data originators to be managed.

C- Cloud providers offer application programming interfaces, which allow a programmatic provisioning of data originators.

D- There is no need to provision and manage access for data originators in the cloud.

E- The access to public clouds must be configured and managed manually.

Answer:

C, E