300-915^{Q&As}

Developing Solutions using Cisco IoT and Edge Platforms (DEVIOT)

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QUESTION 1

Which computer security concept is violated when a web server is written that uses the "root" account for all interactions with a Linux system?

A. principle of least privilege

B. PermitRootLogin

C. certificate-based authentication

D. RBAC

Correct Answer: A

QUESTION 2

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

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.

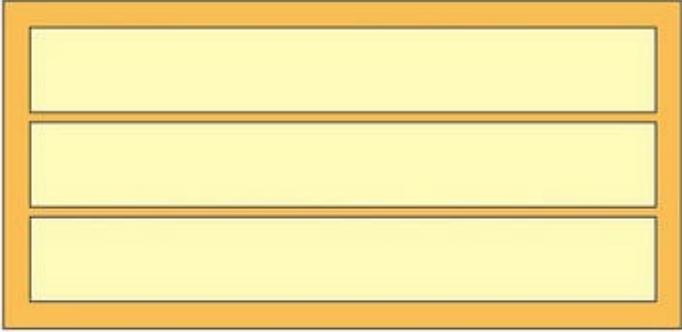Correct Answer: CE

QUESTION 3

DRAG DROP

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.

Select and Place:

| Onboard the gateways in the Field Network Director. |
| Set up a database and message broker. |
| Configure the devices uplinks and downlinks on the LoRa network server. |
| Install the sensors and LoRa gateways (power, network connectivity). |
| Add the sensors using the DevDI, AppDI, and AppKey. |

Correct Answer:

| Set up a database and message broker. |

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

| Install the sensors and LoRa gateways (power, network connectivity). |
| Onboard the gateways in the Field Network Director. |
| Configure the devices uplinks and downlinks on the LoRa network server. |
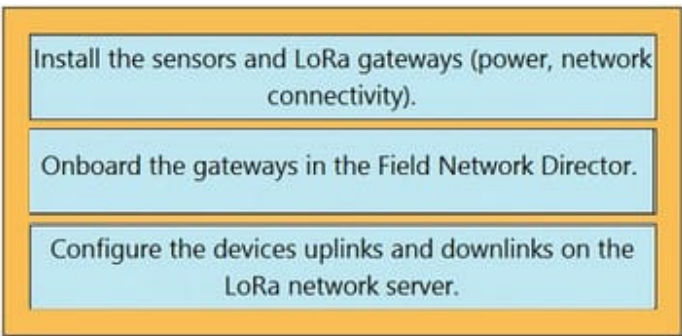
Reference: https://www.cisco.com/c/en_in/solutions/internet-of-things/lorawan-solution.html#~stickynav=3

QUESTION 4
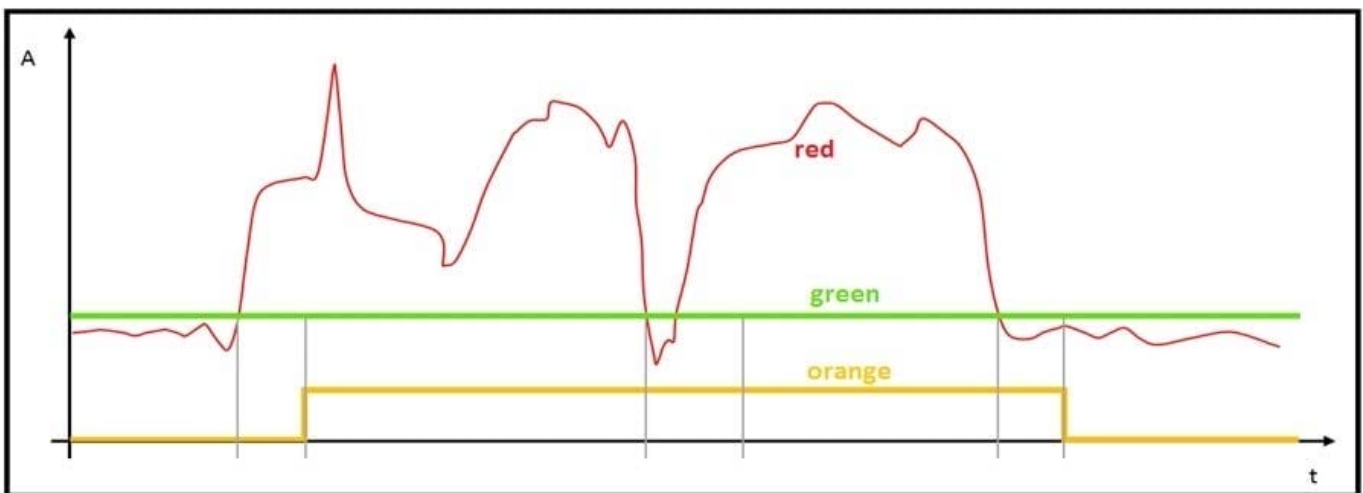
Refer to the exhibit. The red line represents the energy consumption of an industrial machine.

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

The environment for an Industrial IoT project in a large open pit mine is being scoped. The location has a large amount of dust and the device will be exposed to less than 1 meter of water temporarily.

When the edge device is being chosen, which Ingress protection rating must be used?

A. IP37

B. IP61

C. IP67

D. IP76

Correct Answer: C