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Developing Solutions using Cisco IoT and Edge Platforms (DEVIOT)

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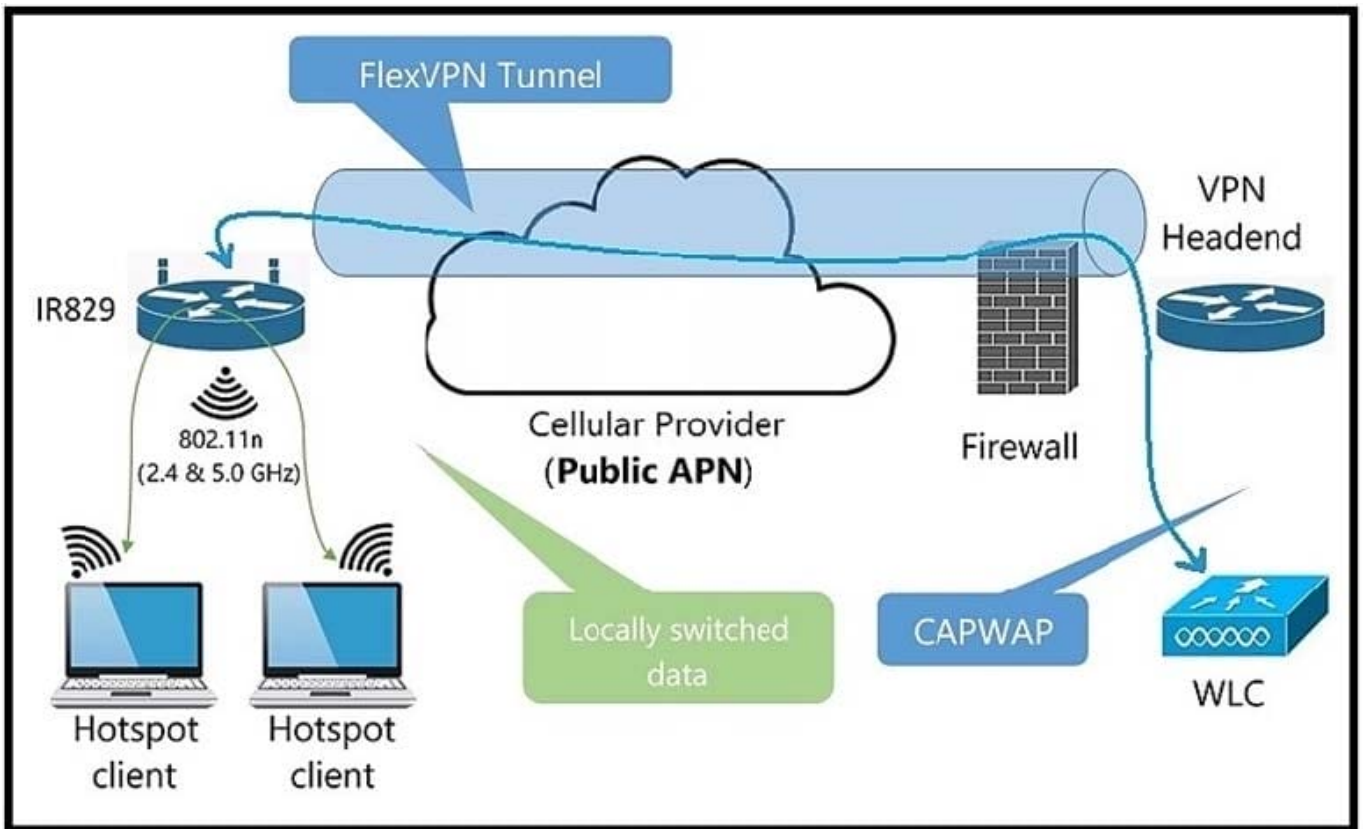**100% Money Back Assurance**

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QUESTION 1

Refer to the exhibit. Which protocol is used to make a FlexVPN connection from a Cisco IR829 router to a headend router?

A. SSL

B. IKEv2

C. NAT

D. IS-IS

Correct Answer: B

QUESTION 2

```
log: Sending CONNECT (u1, p1, wr0, wq0, wf0, c1, k60) client_id=b'IR829_gateway'
log: Sending PUBLISH (d0, q0, r0, m1), 'b'/v1/json/dev2app/modbussensor'', ... (23 bytes)
log: Received CONNACK (0, 4)
Connected with result code 4
Disconnected with result code 0
```
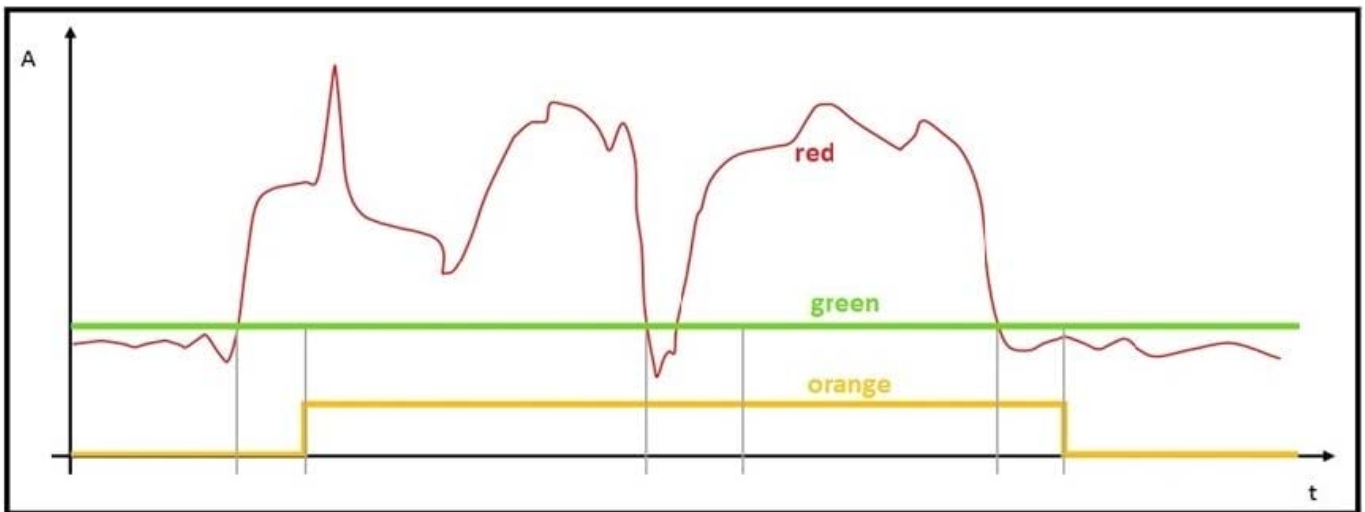
Refer to the exhibit. Based on the MQTT client output, which action should be taken so that the connection to the broker can be established?

A. Change the username/password.

B. Open port 1883 on the network firewall.

C. Change the IP address of the broker.

D. Add the certificate.

Correct Answer: A

QUESTION 3

Refer to the exhibit. The graph has been provided by the monitoring team to the IoT Engineer. The red line represents the consumption of energy from an industrial machine.

Which two pieces of information can be captured? (Choose two.)

A. The green graph visualizes the mean value of the data points.

B. The green graph visualizes if the electronic device is not in stand-by mode.

C. The orange graph visualizes a boolean: power on/off.

D. The orange graph contains more information than the red graph.
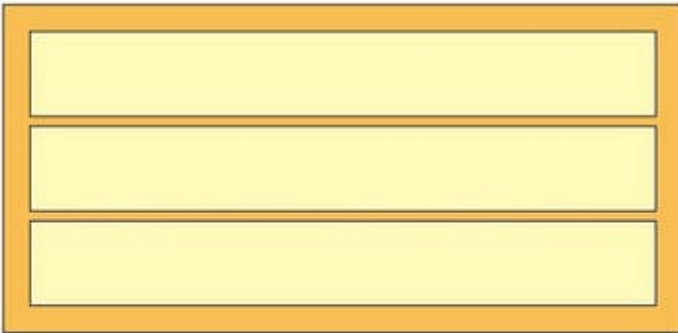
Correct Answer: AC

QUESTION 4

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.
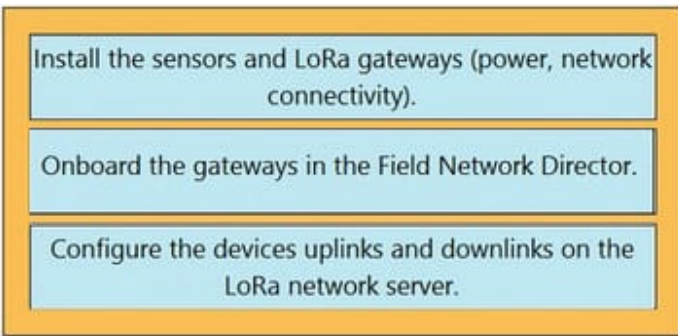
Reference: https://www.cisco.com/c/en_in/solutions/internet-of-things/lorawan-solution.html#~stickynav=3

QUESTION 5

In a secure software development lifecycle process, what must be created as soon as the architecture is in place?

A. integration plan

B. test plan

C. functional specification document

D. threat modeling

Correct Answer: C