



300-915^{Q&As}

Developing Solutions using Cisco IoT and Edge Platforms (DEVIOT)

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QUESTION 1

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 2

Which element ensures that PKI is used to establish the identity of IoT devices?

- A. unique device identifier
- B. encryption key
- C. air gap
- D. hashed routes

Correct Answer: A

QUESTION 3

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.)

- 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.

Correct Answer: BD



QUESTION 4

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

QUESTION 5

Mosquitto was installed correctly on the Cisco IR829 router as a Cisco IOx application. When the sensor is connected to the broker on the Cisco IR829 router with the default port, the connection is refused (Error Code 5).

Which action should be done to resolve the issue?

- A. Insert in the IOS config: ip nat inside source static tcp 1883 interface GigabitEthernet0 1883
- B. Insert in the package_config.ini file under section ports: tcp: ["8883"]
- C. Use the correct username and password.
- D. Insert in the package.yaml file under section ports: tcp: ["1883"]

Correct Answer: C

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