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QUESTION 1

When an RS232 device is connected to a Cisco IR829 router, the data collected is not being parsed correctly by the edge application.

Which two steps should be taken to troubleshoot the issue? (Choose two.)

- A. SSH access on the Cisco IR829 router must be enabled for IOx Guest OS.
- B. Communication mode must be set to half duplex over serial connection.
- C. Serial cable length should not exceed 1.5 meters.
- D. Ensure that communication parameters like baud rate and parity are set correctly.
- E. Set the cable connections based on the PIN layout from the sensor vendor.

Correct Answer: DE

QUESTION 2

An IoT application has been built into the application CI/CD pipeline. The application needs credentials to access other applications, APIs, and cloud resources.

When should the credentials be inserted into the application using the CI/CD process?

- A. hard coded into your application code base
- B. during application runtime
- C. after application testing
- D. during application build time

Correct Answer: A

QUESTION 3

```
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 4

An IoT engineer is responsible for security at an organization. Humans and machines need to be allowed to access services like database or compute on AWS. The engineer decides to implement dynamic secrets.

Which method helps to get this implementation accurate from a security point of view?

A. Create a central secret system for humans and machine to obtain very short-lived dynamic secrets to access any service.

B. Humans cannot be trusted, and each time they authenticate they should be issued with dynamic secrets. Machines can be trusted, and they can be issued with static credentials.

C. Maintain a different service associated to secret systems to issue access.

D. After a user is authenticated by any trusted system, the user can be trusted to use any service.

Correct Answer: A

QUESTION 5

Which method defines the integration of Cisco Industrial Network Director with the Cisco identity Service Engine?

A. Cisco IND integrates with ISE via Cisco Stealthwatch services.

B. Cisco IND integrates with ISE using RADIUS services.

C. Cisco IND is registered with pxGrid on ISE as a publisher.

D. Cisco IND pulls the profiling information from ISE.

Correct Answer: C

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