

Huawei H52-111

HCIP-IoT Developer V1.0 Exam

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Question: 1

MQTT's Last Will and Testament (LWT) message is used for what purpose?
Response:

- A. To encrypt data packets
- B. To increase transmission speed
- C. To update firmware
- D. To notify other clients about an unexpectedly disconnected client

Answer: D

Question: 2

How do Huawei NB-IoT chips impact IoT device design?
Response:

- A. By requiring larger device form factors
- B. By allowing for smaller, more compact device designs
- C. By necessitating additional cooling mechanisms
- D. By integrating directly with consumer software

Answer: B

Question: 3

In an IoT solution, what is the role of a codec?
Response:

- A. To secure network communications
- B. To convert data into a compressed format
- C. To increase the speed of data transfer
- D. To manage user access

Answer: B

Question: 4

Which services are offered by Huawei for northbound service development?

(Choose Two)

Response:

- A. API Gateway
- B. Direct device access
- C. Cloud storage access
- D. Data reporting and analytics

Answer: A,D

Question: 5

For Wi-Fi enabled IoT devices, which AT command sets up the SSID and password?

Response:

- A. AT+SETWIFI
- B. AT+WIFICFG
- C. AT+SSIDPWD
- D. AT+CONFIGWIFI

Answer: C

Question: 6

What are the layers of the IoT architecture emphasized in HUAWEI CLOUD IoT Solution?

(Choose Two)

Response:

- A. Presentation layer
- B. Application layer
- C. Network layer
- D. Perception layer

Answer: B,D

Question: 7

What is a common sensor used in IoT devices for environmental monitoring?

Response:

- A. Gyroscope
- B. Accelerometer
- C. Thermometer
- D. Light sensor

Answer: C

Question: 8

How does ModelArts contribute to IoT development?
Response:

- A. By providing specialized IoT protocols
- B. By enhancing machine learning model deployment
- C. By increasing the cost-efficiency of storage solutions
- D. By offering a platform for collaborative development

Answer: B

Question: 9

LWM2M utilizes which type of model for interacting with devices?
Response:

- A. Object/Resource model
- B. Direct file system access
- C. Encrypted blob model
- D. Peer-to-peer model

Answer: A

Question: 10

Which of the following are key features of HUAWEI CLOUD IoT Solution?
(Choose two)
Response:

- A. End-to-end security
- B. Limited connectivity options
- C. Device management capabilities
- D. Cloud-only architecture

Answer: A,C

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