Cisco

700-841
Cisco IoT Advantage for System Engineers (IOTASE)

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Question: 1

Which Cisco product seamlessly integrates with Cisco Cyber Vision to enhance security at the edge of industrial networks?
Response:

A. Cisco ASA Firepower
B. Cisco Meraki MX
C. Cisco Identity Services Engine (ISE)
D. Cisco DNA Center

Answer: C

Question: 2

Cisco Cyber Vision is particularly useful for detecting which type of security incidents in industrial networks?
Response:

A. Phishing attacks on corporate email systems
B. Unauthorized access to restricted file servers
C. Anomalies and threats within operational technology (OT) networks
D. Traffic spikes on e-commerce platforms

Answer: C

Question: 3

How does implementing redundancy in manufacturing reference architectures enhance system resiliency?
Response:

A. By decreasing the system's operational efficiency
B. By providing alternative pathways for data during a node failure
C. By increasing the complexity of network management
D. By reducing the overall cost of the system

Answer: B

Question: 4

What advantage does Deep Packet Inspection (DPI) provide in terms of process visibility in manufacturing?
Response:

A. It allows for basic packet counting.
B. It enables identification of packet source and destination only.
C. It facilitates detailed analysis of the data payload in network packets.
D. It restricts data flow to minimize network congestion.

Answer: C

Question: 5

What distinguishes ISA3000 from typical commercial cybersecurity solutions when deployed in industrial settings?
Response:

A. Its ability to integrate with residential IoT devices
B. Its focus on lightweight design and aesthetics
C. Its capacity to operate reliably under extreme industrial conditions
D. Its primary use as a web server

Answer: C

Question: 6

How do real-time data processing capabilities in the IoT Operations Dashboard contribute to operational efficiency?
Response:

A. By increasing data redundancy
B. By reducing the need for manual intervention
C. By enhancing multimedia content delivery
D. By expanding the range of supported languages

Answer: B

Question: 7

Why are mesh topologies considered effective for traffic management systems in densely populated cities?
Response:

A. They allow each node to transmit data directly to adjacent nodes, enhancing reliability.
B. They limit the flexibility of the system to adjust to changes in traffic patterns.
C. They require fewer resources for setup and maintenance.
D. They are easier to hack, thus testing security systems more frequently.

Answer: A

Question: 8

In what ways does the mesh network topology benefit the Cisco Ultra-Reliable Wireless Backhaul solution?
(Choose Two)
Response:

A. It simplifies the network setup by using a single, centralized router.
B. It provides multiple paths for data, enhancing redundancy and reliability.
C. It reduces the overall cost by eliminating the need for any physical infrastructure.
D. It ensures that network coverage can dynamically adjust to changing conditions.

Answer: B,D

Question: 9

Where do ring topologies provide significant advantages in the context of roadway and intersection management?
Response:

A. In areas with minimal traffic flow
B. In urban centers with complex intersection layouts
C. In rural areas with long distances between intersections
D. In temporary construction zones

Answer: B

Question: 10

Which topology scenario is most commonly used in secondary substations for distribution automation?

Response:

A. Mesh topology
B. Star topology
C. Ring topology
D. Bus topology

Answer: B

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