

# **Cisco**

## **Exam 500-801**

### **IoT Connected Factory for Systems Engineers Exam**

**Verson: Demo**

**[ Total Questions: 10 ]**

**Topic break down**

<b>Topic</b>	<b>No. of Questions</b>
<b>Topic 1: Characteristics of the manufacturing industry</b>	<b>1</b>
<b>Topic 2: Cisco Connected Factory helps customers overcome challenges</b>	<b>1</b>
<b>Topic 3: Cisco Validated Design</b>	<b>3</b>
<b>Topic 4: Cisco strengths</b>	<b>1</b>
<b>Topic 7: Connected Factory Automation</b>	<b>1</b>
<b>Topic 8: Connected Factory Wireless</b>	<b>3</b>

## Topic 1, Characteristics of the manufacturing industry

### Question No : 1 - (Topic 1)

By 2020, experts cited in the Connected Factory Partner Accelerator System Engineer Training believe that how many devices will be plugged into the Internet?

- A. 800 million
- B. 10 billion
- C. 50 billion
- D. 100 billion

**Answer: C**

## Topic 2, Cisco Connected Factory helps customers overcome challenges

### Question No : 2 - (Topic 2)

Which two options are drivers for the integration of the enterprise network and the industrial network? (Choose two.)

- A. enterprise visibility into industrial data
- B. remote expert access to the plant floor to diagnose and resolve problems
- C. the push of manufacturing data directly to executive desktops
- D. VPN access for smart devices to programmable logic controllers

**Answer: A,B**

## Topic 3, Cisco Validated Design

### Question No : 3 - (Topic 3)

Which three options are industrial zones of the converged industrial networks? (Choose three.)

- A. demilitarized zone
- B. cell/area zone
- C. enterprise zone

- D. data center zone
- E. manufacturing zone

**Answer: A,B,E**

**Question No : 4 - (Topic 3)**

Which three options rely on user services in an Industrial Automation Control System?  
(Choose three.)

- A. human machine interface
- B. safety parameters for predictable shutdown
- C. motion applications
- D. logistics applications
- E. enterprise resource planning applications

**Answer: A,B,C**

**Question No : 5 - (Topic 3)**

In Industrial Automation and Control Systems, which type of traffic gets the highest priority via quality of service configuration?

- A. voice traffic
- B. web and email traffic
- C. industrial device traffic
- D. collaboration traffic

**Answer: C**

**Topic 4, Cisco strengths**

**Question No : 6 - (Topic 4)**

Which three options are Cisco strengths in discrete manufacturing? (Choose three.)

- A. use of open, unmodified standards

- B. breadth and depth of industrial, ruggedized, converged network offerings
- C. manufacture production line equipment
- D. lowest cost option
- E. professional services for full assessment, design, and implementation
- F. cloud analytics

**Answer: A,B,E**

### **Topic 7, Connected Factory Automation**

#### **Question No : 7 - (Topic 7)**

When should you assign VLANs to devices?

- A. when trying to span one VLAN across multiple zones
- B. when traffic patterns fluctuate often
- C. when traffic patterns are known
- D. when consolidating resources

**Answer: C**

### **Topic 8, Connected Factory Wireless**

#### **Question No : 8 - (Topic 8)**

Which Connected Factory Wireless solution architecture uses stand-alone access to implement WLAN functions of management, control, data transport, and client access?

- A. Workgroup Access
- B. Autonomous Access
- C. Controlled Access
- D. Unified Access
- E. Normal Access

**Answer: B**

#### **Question No : 9 - (Topic 8)**

Which automation protocol, which is supported by Rockwell Automation, does Connected Factory primarily rely on?

- A. DirectNet
- B. Highway Addressable Remote Transducer Protocol
- C. Real-time Automation Protocols for Industrial Ethernet
- D. Honeywell Smart Distributed Systems
- E. Common Industrial Protocol

**Answer: E**

**Question No : 10 - (Topic 8)**

In the WLAN architecture, which option is used by a group of APs and wireless clients to communicate with each other using common parameters?

- A. Network Service Identifier
- B. Primary Network Identifier
- C. Virtual Network Identifier
- D. Service Set Identifier

**Answer: D**