



# 200-401<sup>Q&As</sup>

Managing Industrial Networks with Cisco Networking Technologies  
(IMINS)

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### QUESTION 1

What is the most critical step to perform when you are using optical fiber connectors?

- A. Cover with dust caps when not in use.
- B. Immerse in alcohol prior to use.
- C. Blow off and carefully wipe down with a tissue before and after each use.
- D. Lightly sand with cloth prior to mating.

Correct Answer: A

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### QUESTION 2

What is the purpose of Spanning Tree Protocol?

- A. to prevent routing loops
- B. to create a default route
- C. to provide multiple gateways for hosts
- D. to maintain a loop-free Layer 2 network topology
- E. to enhance the functions of SNMP

Correct Answer: D

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### QUESTION 3

With a Cisco IE 2000 switch, what does a port status LED indicate when it is solid green?

- A. The port is sending or receiving data.
- B. A link is present.
- C. No link is present.
- D. There is a link fault.
- E. The port is not forwarding.

Correct Answer: B

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### QUESTION 4

With what are APC connectors used?



- A. Category 6a cables that need tight radius bends
- B. copper network cables in corrosive environments
- C. single-mode fiber-optic cables to reduce return loss
- D. high-density copper patch panels

Correct Answer: C

### QUESTION 5

Exhibit:



Which two statements are correct for a safe wiring installation to the terminal block of the switch or endpoint? (Choose two.)

- A. Insert a green ground wire into the terminal block that is marked RT for return.
- B. Verify that DC power is live and within 24 VDC voltage range before starting wiring.
- C. Verify that the DC power circuit includes an overcurrent protective device that limits the DC current to 5
- D.
- E. Because this is a low-voltage DC circuit, anyone can install this wiring without electrical training or qualifications.
- F. Connect the positive 24 VDC conductor to the V terminal and connect the negative 24 VDC return wire to the RT terminal.
- G. A ground wire can optionally be connected to the screw terminal on the front of the switch.

Correct Answer: CE

### QUESTION 6

You are called upon to troubleshoot connectivity problems to a network device on a production floor. You have used ping and traceroute to verify that you cannot connect to the device from the management network. The network is 209.165.202.128/27 and the device has been given the IP address 209.165.202.158 and mask 255.255.255.224. You have verified that you can reach the device with your computer connected to the same switch as the device. What could



be the cause of this problem?

- A. The device is set to the wrong subnet mask.
- B. The device is set to the wrong IP address.
- C. The device has no IP default gateway.
- D. The device is connected to a switchport in the wrong VLAN.

Correct Answer: C

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#### QUESTION 7

Which two ports does EtherNet/IP use to communicate? (Choose two.)

- A. TCP 44818
- B. UDP 44818
- C. TCP 502
- D. UDP 502
- E. TCP 2222
- F. UDP 2222

Correct Answer: AF

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#### QUESTION 8

A small manufacturing company has a Class C network address on the plant floor and needs to create five subnets, each accommodating 25 endpoints. Which subnet mask needs to be configured?

- A. 255.255.240.0
- B. 255.255.255.128
- C. 255.255.255.192
- D. 255.255.255.224
- E. 255.255.255.240
- F. 255.255.255.248

Correct Answer: D

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#### QUESTION 9



Which prompt is used to configure parameters for the Ethernet ports of an industrial switch?

- A. Switch(config-if)#
- B. Switch(config-if-ind)#
- C. Switch(config-line)#
- D. Switch(config-ind)#
- E. Switch(config-vlan)#

Correct Answer: A

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#### QUESTION 10

At which Layer would you check ACLs for TCP ports being blocked?

- A. Layer 1
- B. Layer 2
- C. Layer 3
- D. Layer 4

Correct Answer: D

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#### QUESTION 11

Which two pieces of information are commonly tracked as part of a change management process? (Choose two.)

- A. reason for the change
- B. names of people involved in the change
- C. return on investment related to the change
- D. SWOT analysis related to the change
- E. scatter diagrams related to the change

Correct Answer: AB

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#### QUESTION 12

What are two benefits of a star network topology? (Choose two.)

- A. Disruption of the entire network is not required when adding new machines.
- B. Any problem which leaves the network inoperable can be traced to the central hub.



- C. This network type requires less cable as compared to linear bus topology.
- D. The performance of one of the numerous nodes cannot reflect on the performance of other nodes.
- E. The performance of the entire network is directly dependent on the performance of the hub.

Correct Answer: AB

### QUESTION 13

#### DRAG DROP

Select and Place:

Drag the steps on the left and arrange them in the order they should be completed when commissioning an industrial Ethernet switch on the right.

Wire the switch to the DC power supply	Step 1
Wire the DC power supply	Step 2
Mount the switch on the DIN rail	Step 3
Connect Patch cords	Step 4
Wire the switch ground to common ground	Step 5
Perform Switch configuration	Step 6

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Correct Answer:



Drag the steps on the left and arrange them in the order they should be completed when commissioning an industrial Ethernet switch on the right.

	Mount the switch on the DIN rail
	Wire the switch ground to common ground
	Wire the DC power supply
	Wire the switch to the DC power supply
	Perform Switch configuration
	Connect Patch cords

### QUESTION 14

Exhibit:

```
Switch# show spanning-tree vlan 30
VLAN0030
Spanning tree enabled protocol rstp
Root ID Priority 24606
Address 00d0.047b.2800
This bridge is the root
Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
Bridge ID Priority 24606 (priority 24576 sys-id-ext 30)
Address 00d0.047b.2800
Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
Aging Time 300
Interface    Role  Sts    Cost  Prio.Nbr  Type
-----
Fa1/1        Desg FWD    4     128.1    p2p
Fa1/2        Desg FWD    4     128.2    p2p
Fa5/1        Desg FWD    4     128.257  p2p
```

Refer to the exhibit. The output that is shown is generated at an industrial switch. Which three statements are true? (Choose three.)

- A. All ports will be in a state of discarding, learning, or forwarding.
- B. Thirty VLANs have been configured on this switch.
- C. The bridge priority is lower than the default value for spanning tree.
- D. All interfaces that are shown are on shared media.
- E. All designated ports are in a forwarding state.
- F. This switch must be the root bridge for all VLANs on this switch.



Correct Answer: ACE

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#### QUESTION 15

What is a characteristic of cables that are used in articulating equipment arms?

- A. fiber-optic zip-cord construction
- B. shielded copper twisted pair
- C. high flex rated cable
- D. type PLTC cable

Correct Answer: C

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