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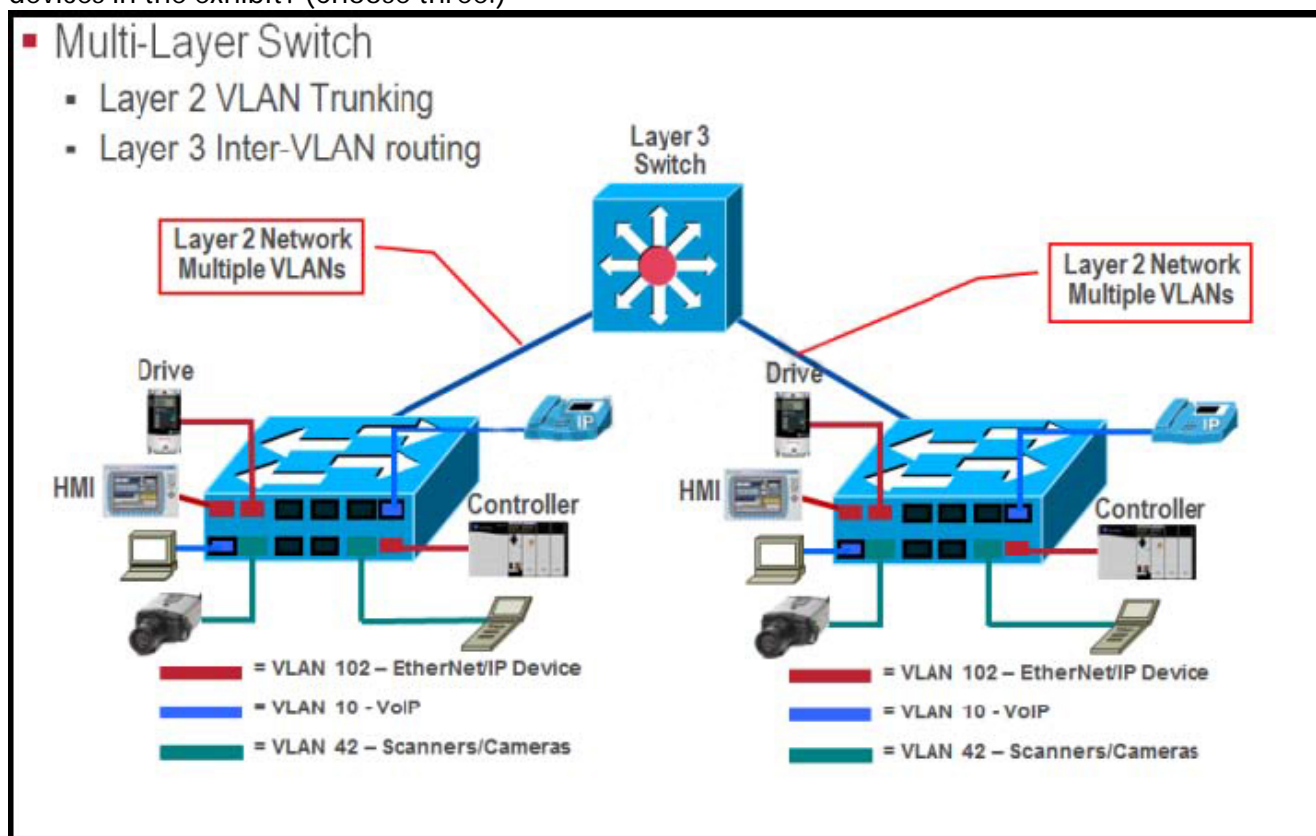
Exam : **600-601**

Title : Managing Industrial Networks
with Cisco Networking
Technologies

Vendor : Cisco

Version : DEMO

NO.1 Exhibit: Refer to the exhibit. What are three traffic and interconnection requirements for the devices in the exhibit? (Choose three.)



- A. The EtherNet/IP drive connections are in a high-voltage area and need protection from electromagnetic noise, so shielded cable that is rated for 600 V is advised.
- B. EtherNet/IP devices such as the controller, drive, VoIP phone, and IP camera should be in the same VLAN.
- C. CIP traffic has the highest bandwidth requirement so it needs the highest QoS setting.
- D. EtherNet/IP drive traffic has high sensitivity to random drops, latency, and jitter.
- E. Real-time motion control and VoIP traffic can share the same VLAN with the proper QoS setting.
- F. IEEE1588 and PTP are important for ensuring real-time synchronization.

Answer: A,D,F

NO.2 EtherNet/IP is an Ethernet implementation of which protocol?

- A. CIP
- B. Industrial Protocol
- C. DeviceNet
- D. ControlNet

Answer: A

NO.3 What is the purpose of a time domain reflectometer?

- A. It uses pulses to locate and test for sheath faults, damaged conductors, loose connectors, splices, bridge taps, split pairs, and other problems.
- B. It opens shorts and pinholes in cable shielding.
- C. It correlates the returned light pulses with a location in the fiber.

D. It opens kinks and mismatched cable connectors.

Answer: A

NO.4 Which three of the following components must be elected before the Spanning Tree Protocol can converge in a switched LAN? (Choose three.)

- A. designated ports
- B. duplex operating mode
- C. fast mode ports
- D. root bridge
- E. root ports
- F. BPDU priority

Answer: A,D,E

NO.5 What do deflections indicate to the time domain reflectometer user?

- A. They indicate splices, water in the cable, split pairs, and discontinuities or faults.
- B. Do not connect live circuit cables to the input of the time domain reflectometer. Connect the cable that is being tested to the cable connector on the front panel of the time domain reflectometer.
- C. Upward deflections indicate high-impedance mismatches or opens, and downward deflections indicate shorts or low-impedance mismatches.
- D. They are used to select the I/O impedance of the time domain reflectometer. You can select 50, 75, 95, or 125? impedances.

Answer: C

NO.6 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)#

Answer: A