

Cisco 648-238 Exam

Volume: 152 Questions

Question No: 1

Order the following resolutions, by pixel count, from lowest to highest.

- A. D1, HD, QCIF, CIF
- B. D1, CIF, 4CIF, HD
- C. QCIF, CIF, D1, HD
- D. QCIF, D1, CIF, HD

Answer: C

Question No: 2

What are the two differences between interlaced and progressive scan video? (Choose two.)

- A. Progressive scan video is generally better with fast-moving objects
- B. Interlaced video is generally better with fast-moving objects
- C. Interlaced video is constructed out of alternating odd and even lines
- D. Progressive scan video is constructed out of alternating odd and even lines

Answer: A,C

Question No: 3

Where should outdoor surveillance cameras be mounted when nearby sources of light are present?

- A. The camera should be mounted lower than the light source.
- B. The camera should be mounted in parallel with the nearest light source.
- C. The camera should be mounted above the light source.
- D. Location does not matter, as long as the camera is day/night capable.

Answer: A

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Question No: 4

What is the correct camera and lens setup for the use of IR lighting?

- A. Color camera with IR corrected lens
- B. A camera with day/night mode and IR corrected lens
- C. A camera with day/night mode and varifocal lens
- D. Color camera with varifocal lens

Answer: B

Question No: 5

Which switch port capability is recommended for an MSP server?

- A. Server switch ports should have 10/100 Mb capability
- B. Server switch ports should have 1000 Mb capability
- C. Server switch ports should have 10 Gb capability
- D. Servers should be connected to PoE-capable switches

Answer: B

Question No: 6

Which two statements about differences between HD or full HD and megapixel cameras are true? (Choose two.)

- A. Aspect ratio of full HD and megapixel cameras is the same.
- B. Resolution of full HD cameras is known, whereas megapixel cameras can vary.
- C. Megapixel cameras generally have higher frame rate than full HD cameras.
- D. Megapixel camera resolutions are common among different camera vendors.
- E. Megapixel cameras can have higher resolution than full HD cameras.

Answer: B,E

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Question No: 7

Where should outdoor surveillance cameras be mounted when sources of light are nearby?

- A. Cameras should be mounted lower than the light source.
- B. Cameras should be mounted in parallel with the nearest light source.
- C. Cameras should be mounted above the light source.
- D. Location does not matter, as long as the cameras are day/night capable.

Answer: A

Question No: 8

Which camera and lens setup is correct to use IR lighting?

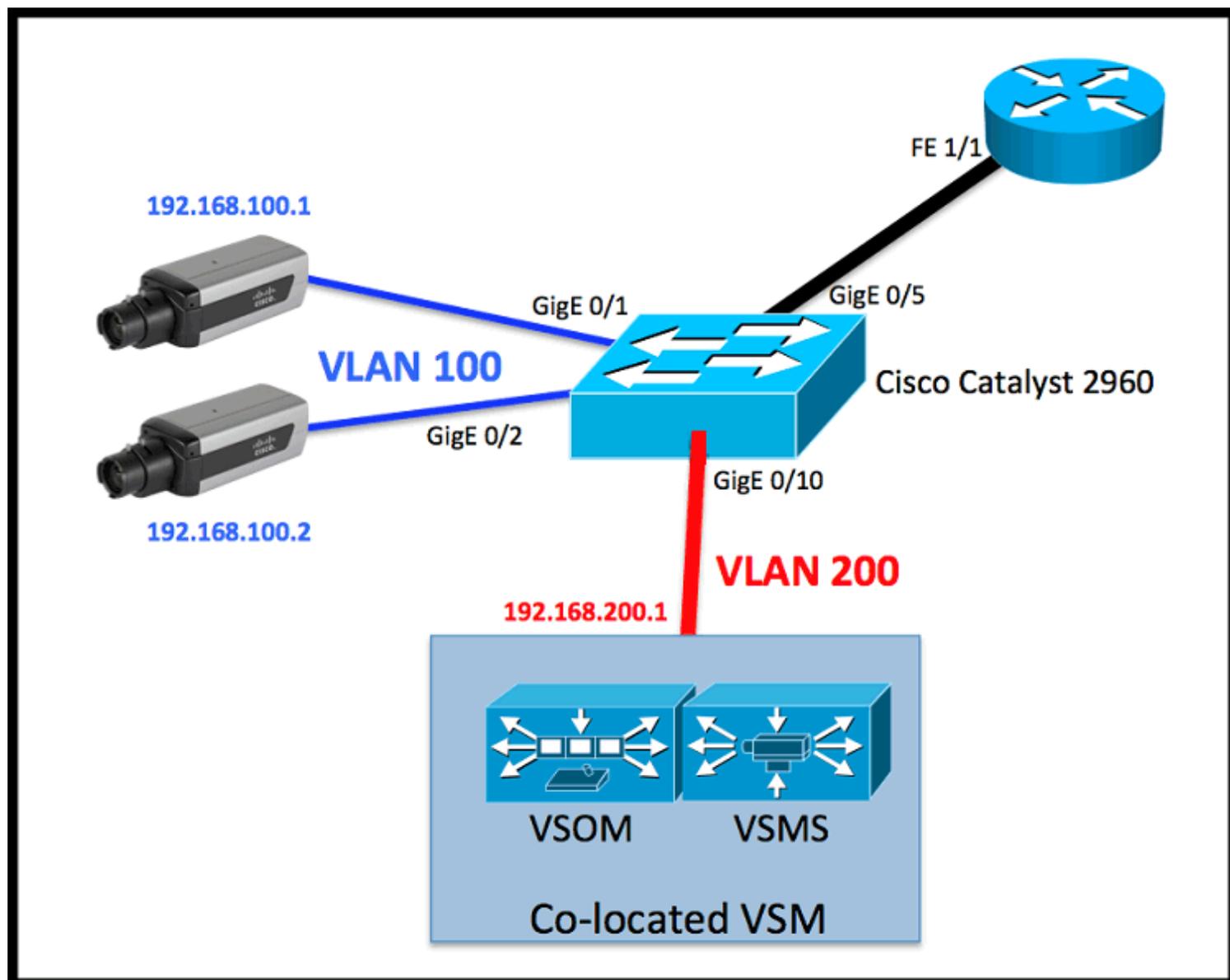
- A. color camera with IR corrected lens
- B. a camera with day/night mode and IR corrected lens
- C. a camera with day/night mode and varifocal lens
- D. color camera with varifocal lens

Answer: B

Question No: 9

Refer to the exhibit.

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Cameras and a Cisco VSM server are connected to a Layer 2 switch..Which three steps will allow the Cisco VSM servers to see video traffic from the two IP cameras? (Choose three.)

- A. GigE 0/10 should be configured to accept traffic from all VLANs using the #switchport mode access vlan all command.
- B. GigE 0/10 should be configured to dynamic mode using the #switchport mode dynamic desirable command.
- C. Implement "router-on-a-stick".
- D. Implement inter-VLAN routing.
- E. The link between GigE 0/5 and FE 1/1 should be configured as a trunk port.

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Answer: C,D,E

Question No: 10

On a converged network infrastructure, which Layer 2 technology can be easily enabled and configured to ensure separation of video surveillance traffic on the network from other sources (for example, voice, email, and web browsing)?

- A. IP routing
- B. firewall
- C. QoS
- D. VLAN

Answer: D

Question No: 11

In addition to bandwidth, which factors should be considered when designing an IP network capable of delivering high-quality surveillance video in real time?

- A. minimize jitter and maximize latency
- B. minimize latency and maximize jitter
- C. minimize both jitter and latency
- D. maximize both jitter and latency

Answer: C

Question No: 12

Which option lists video resolutions in order from lowest to highest (by pixel count)?

- A. D1, HD, QCIF, CIF
- B. D1, CIF, 4CIF, HD
- C. QCIF, CIF, D1, HD