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Exam : **AX0-100**

Title : Axis Network Video Exam

Version : Demo

1.Which of the following statements are true for H.264? (Choose two)
A. The size of an I-frame depends on the preceding P-frame
B. Increased motion in a scene means increased bit rate
C. Group of Video (GOV) length is directly affected by the sizes of the I- and P-frames
D. A P-frame references preceding and succeeding P-frames
E. Longer GOV length means reduced bit rate
Answer: B,E

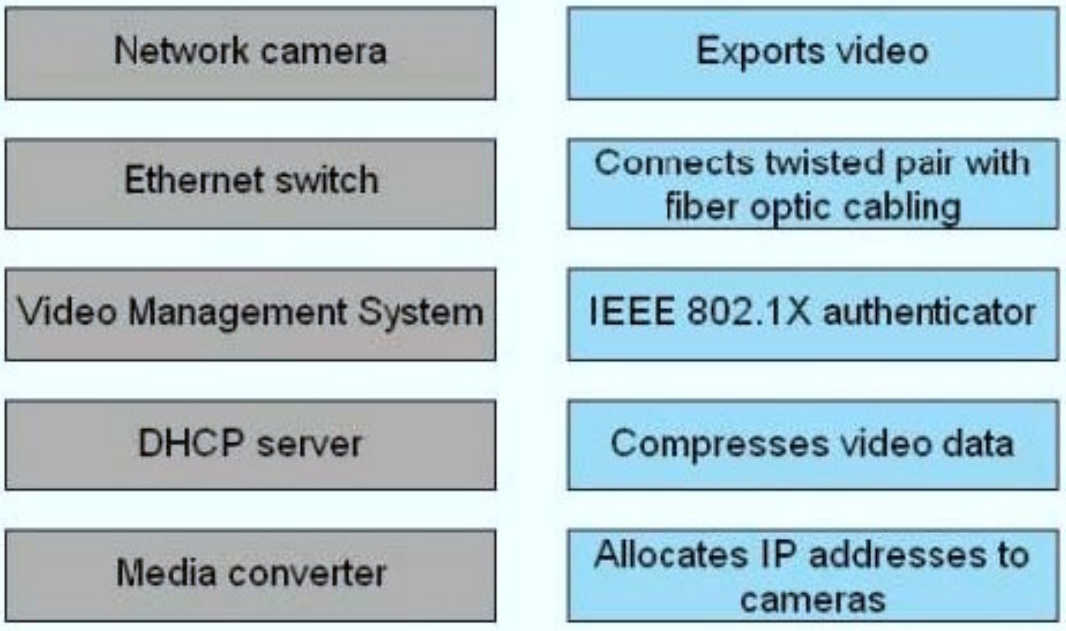
2.What is the main purpose of the Arctic Temperature Control functionality.?
A. To protect the camera electronics
B. To protect the camera mechanics
C. To protect the camera lens
D. To protect the camera power
Answer: B

3.Which is true regarding the use of a smoked (tinted) dome instead of a clear dome?
A. Decreases color fidelity
B. Decreases field of view
C. Disables infrared capabilities
D. Reduces light sensitivity
Answer: D

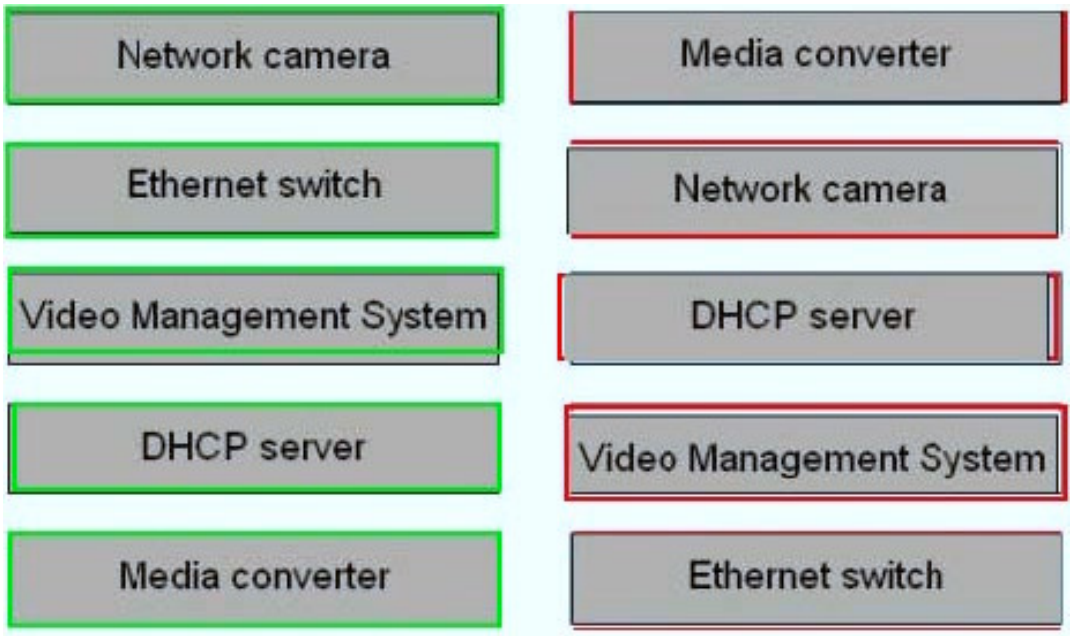
4.A company is looking for a dome designed to withstand vibrations inherent to transportation. Which of the following cameras should be recommended?
A. AXIS P3344-VE
B. AXIS M3014
C. AXIS M3114-R
D. AXIS P1344
Answer: C

5.Which is a benefit of using VLANs and IP subnets?
A. An encrypted communication link is established over the internet, allowing surveillance video to be securely viewed off-site
B. The network provides end-to-end encryption to prevent malicious users from intercepting network traffic
C. The network will only allow access from authorized devices, eliminating the risk that malicious users disconnect cameras to intercept network traffic
D. Network surveillance video can be kept separate from other network traffic, reducing the risk that malicious users will intercept it
Answer: D

6.DRAG DROP
Match each function to the correct video surveillance system component. Drag each gray box from the left column to the matching blue box in the right column.



Answer:



7.In many places 24 V AC has been popular as a power source but now 12 V and 24 V DC is increasing in popularity because

A. There is more energy in DC.

B. It is easier to back-up DC with battery.

C. There is less power loss in cables with DC.

D. There is less risk for surge with DC.

Answer: B

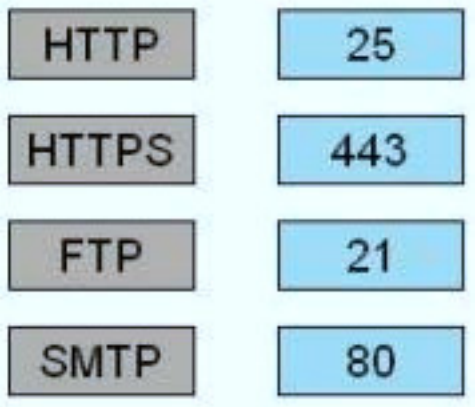
8.When initiating a surveillance project with a customer, which of the following should be considered first?

A. Understand which camera models to use

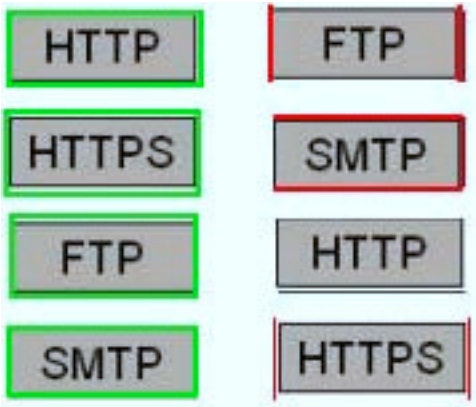
B. Understand the customer's technical knowledge
C. Understand the customer's goals and requirements
D. Understand the legal aspects for the installation
Answer: C

9.Which of the following are outdoor rated products? (Choose two)
A. AXIS M3114-R
B. AXIS P3304-VR
C. AXIS P1344-E
D. AXIS P3344-VE
E. AXIS M1031-W
Answer: C,D

10.DRAG DROP
Match the protocol to its default port number. Drag each gray box from the left column to the matching blue box in the right column.



Answer:



11.Which of the following allows customer to access between 2-4 channels of live and online stored video at any time?
A. AXIS Camera Station
B. AXIS Video Hosting System (AVHS)
C. AXIS Camera Management
D. AXIS Media Control

Answer: B

12.Axis recommends shielded cables for outdoor installations primarily to ensure
A. Image quality.
B. Surge protection.
C. Life time of cable installations.
D. Conformity with SMPTE standard.
Answer: B

13.In setting up PTZ control for an Axis encoder, it's very easy to overlook a very important step in the configuration process. After properly connecting the communication wires to the encoder, the next recommended step in the setup is:
A. Downloading the correct Device ID from the Axis website
B. Setting the Baud Rate to match the analog PTZ' s
C. Setting the Device ID to match the analog ID
D. Uploading the correct PTZ driver
Answer: D

14.Which setting would best adjust a hard yellow tint as shown in the pictures below?

A. Image contrast
B. White balance
C. Color saturation
D. Image brightness
Answer: B

15.Which is an impact on cameras that are operating above their specified temperature limit?
A. Noise is increased
B. Frame rate is reduced
C. Light sensitivity is decreased
D. Resolution is reduced
Answer: A

16.Which technology can a Video Management Software (VMS) partner incorporate to reduce the impact on recorded video during server maintenance?

A. Local storage at the camera
B. Meta data stream
C. AXIS Camera Application Platform (ACAP)
D. SNMP
Answer: A

17.A customer has a lot of motion blur on recordings from a fixed camera. What would be the most likely setting to address the blurring?
A. Gain level
B. Brightness
C. Backlight compensation
D. Shutter speed
Answer: D

18.Which statement is true regarding H.264 and Motion JPEG?
A. The highest bandwidth savings using H.264 compared to Motion JPEG is at high frame rates
B. Bandwidth savings using H.264 has nothing to do with frame rate, only scene complexity
C. Bandwidth savings using H.264 has nothing to do with frame rate, only Group of Video (GOV) setting
D. The highest bandwidth savings using H.264 compared to Motion JPEG is at low frame rates
Answer: A

19.Which of the following will allow a customer to have a PTZ camera automatically change between three predefined positions?
A. Configure the camera's I/O ports to control the preset positions
B. Use the Guard Tour capability to switch between the preset positions
C. Switch between the predefined positions using a joystick
D. Use the auto tracking capability to switch between the preset positions
Answer: B

20.In a network surveillance installation, the purpose of a router is to
A. Forward the video stream between networks.
B. Forward the video stream to the correct receiver within a network.
C. Separate audio and video traffic to reduce audio latency.
D. Separate the video stream from the camera control signaling.
Answer: A