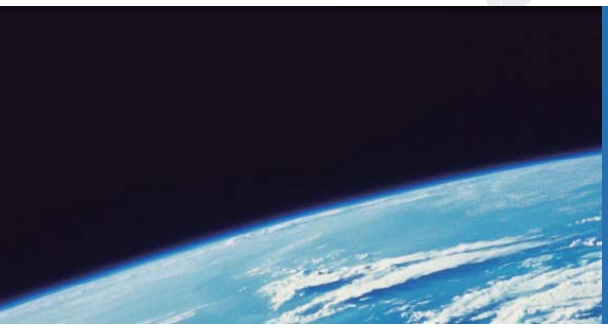

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QUESTION & ANSWER

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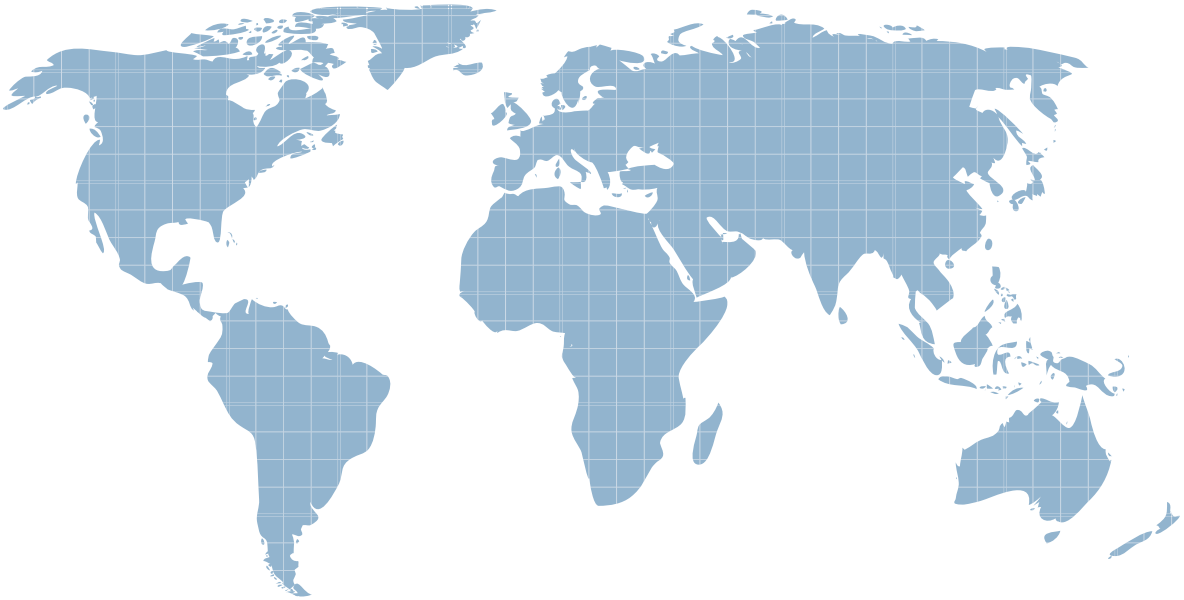

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Exam : **648-238**

Title : Implementing Cisco Connected Physical Security 1Exam (CCPS1)

Version : Demo

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

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

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

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

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

6.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 (such as voice, email, and web browsing)?
A. IP routing
B. Firewall
C. QoS
D. VLAN
Answer: D

7.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

8.The Cisco Physical Security CPS-MSP-1RU-K9 platform can support which configuration of option cards?
A. 1 x CIVS-FC-1P
B. 2 x CIVS-ENC-8P
C. 2 x CIVS-ENC-16P
D. 1 x CIVS-FC-1P and 1 x CIVS-ENC-8P
Answer: A

9.Which two of the following Cisco Physical Security MSP servers support an optional secondary power supply? (Choose two.)
A. CPS-MSP-1RU-K9
B. CPS-MSP-2RU-K9
C. CPS-MSP-4RU
D. CPS-SS-4RU
E. CIAC-PAME-1125-K9
Answer: B,C

10.What is the maximum number of internal encoder ports supported by the CPS-MSP-2RU-K9?
A. 16
B. 24
C. 32
D. 48
Answer: D

11.Which of the following must be considered when calculating storage and retention on a Cisco Physical Security MSP server?
A. Number of cameras, frame rates, camera distances, and record on motion requirements
B. Number of cameras, frame rates, and server locations
C. Number of cameras, frame rates, compression types, and record on motion requirements
D. Number of cameras, camera distances, server locations, and compression types
Answer: C

12.What is the approximate total usable drive capacity for a CPS-MSP-1RU-K9 populated with 4 x 1 TB HDDs?
A. 1 TB
B. 2 TB

C. 3 TB
D. 4 TB
Answer: C

13.Order the servers from lowest to highest usable capacity.
A. 2RU (6 x 1 TB), 2RU (12 x 1 TB), 2RU (6 x 2 TB), 2RU (12 x 2 TB)
B. 2RU (6 x 1 TB), 2RU (6 x 2 TB), 2RU (12 x 1 TB), 2RU (12 x 2 TB)
C. 2RU (12 x 2 TB), 2RU (12 x 1 TB), 2RU (6 x 2 TB), 2RU (6 x 1 TB)
D. 2RU (12 x 2 TB), 2RU (6 x 2 TB), 2RU (12 x 1 TB), 2RU (6 x 1 TB)
Answer: B

14.How can video storage requirements be calculated?
A. Camera count x bit rate x days recording
B. Bit rate x frames per second x days recording
C. Frames per second x codec x camera count
D. Camera count x bit rate x hard drive capacity
Answer: A

15.By default, which two passwords are NOT configured in Cisco Video Surveillance Manager 6.3.2? (Choose two.)
A. VSMC password
B. VSOM root user password
C. Operator root user password
D. Linux root user password
E. MySQL root password
Answer: C,E

16.Which network service should be enabled and configured to ensure an accurate and consistent time source for all video surveillance devices in the network?
A. CDP
B. DHCP
C. NTP
D. TCP/IP
Answer: C

17.In VSM 6.3.2, should the default password be changed to a new password?
A. No, never change the default passwords
B. Change the password for VSOM, but not the password for the operating system
C. Yes, change the passwords for VSOM and the operating system
D. The default passwords cannot be changed
Answer: C

18.When an installation of VSM is complete, what is the Cisco recommendation and best practice for the final step that should be taken?

A. Create a configuration backup on the same server
B. Create a backup in a location other than the server
C. Delete any batch administration files left over from the installation
D. Stop and restart each archive
Answer: B

19.Upon power on, the CPS-MSP-2RU-K9 server starts beeping and continues to do so, even if the server seems to be operational.
What is the probable cause of this issue?
A. The clock battery in the server is empty and needs to be replaced
B. One of the fans in the power supply has failed
C. The incoming power voltage into the power supply is too low or too high
D. One of the hard disk drives has failed and needs to be replaced
Answer: D

20.On a VSMS server, what is YaST used for?
A. To check the status of the RAID storage
B. To configure the network settings
C. To monitor the network performance
D. To troubleshoot video stream errors
Answer: B