



312-38^{Q&As}

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**QUESTION 1**

Phishing-like attempts that present users a fake usage bill of the cloud provider is an example of a:

- A. Cloud to service attack surface
- B. User to service attack surface
- C. User to cloud attack surface
- D. Cloud to user attack surface

Correct Answer: D

QUESTION 2

The CEO of Max Rager wants to send a confidential message regarding the new formula for its coveted soft drink, SuperMax, to its manufacturer in Texas. However, he fears the message could be altered in transit. How can he prevent this incident from happening and what element of the message ensures the success of this method?

- A. Hashing; hash code
- B. Symmetric encryption; secret key
- C. Hashing; public key
- D. Asymmetric encryption; public key

Correct Answer: A

QUESTION 3

Which of the following cables is made of glass or plastic and transmits signals in the form of light?

- A. Coaxial cable
- B. Twisted pair cable
- C. Plenum cable
- D. Fiber optic cable

Correct Answer: D

Fiber optic cable is also known as optical fiber. It is made of glass or plastic and transmits signals in the form of light. It is of cylindrical shape and consists of three concentric sections: the core, the cladding, and the jacket. Optical fiber carries much more information than conventional copper wire and is in general not subject to electromagnetic interference and the need to retransmit signals. Most telephone company's long-distance lines are now made of optical fiber. Transmission over an optical fiber cable requires repeaters at distance intervals. The glass fiber requires more protection within an outer cable than copper. Answer option B is incorrect. Twisted pair cabling is a type of wiring in which two conductors (the forward and return conductors of a single circuit) are twisted together for the purposes of



canceling out electromagnetic interference (EMI) from external sources. It consists of the following twisted pair cables:

Shielded Twisted Pair: Shielded Twisted Pair (STP) is a special kind of copper telephone wiring used in some business installations. An outer covering or shield is added to the ordinary twisted pair telephone wires; the shield functions as a ground. Twisted pair is the ordinary copper wire that connects home and many business computers to the telephone company. Shielded twisted pair is often used in business installations.

Unshielded Twisted Pair: Unshielded Twisted Pair (UTP) is the ordinary wire used in home. UTP cable is also the most common cable used in computer networking. Ethernet, the most common data networking standard, utilizes UTP cables. Twisted pair cabling is often used in data networks for short and medium length connections because of its relatively lower costs compared to optical fiber and coaxial cable. UTP is also finding increasing use in video applications, primarily in security cameras. Many middle to high-end cameras include a UTP output with setscrew terminals. This is made possible by the fact that UTP cable bandwidth has improved to match the baseband of television signals. Answer option A is incorrect.

Coaxial cable: is the kind of copper cable used by cable TV companies between the community antenna and user homes and businesses. Coaxial cable is sometimes used by telephone companies from their central office to the telephone poles near users. It is also widely installed for use in business and corporation Ethernet and other types of local area network. Coaxial cable is called "coaxial" because it includes one physical channel that carries the signal surrounded (after a layer of insulation) by another concentric physical channel, both running along the same axis. The outer channel serves as a ground. Many of these cables or pairs of coaxial tubes can be placed in a single outer sheathing and, with repeaters, can carry information for a great distance. It is shown in the figure below:



Answer option C is incorrect. Plenum cable is cable that is laid in the plenum spaces of buildings. The plenum is the space that can facilitate air circulation for heating and air conditioning systems, by providing pathways for either heated/conditioned or return airflows. Space between the structural ceiling and the dropped ceiling or under a raised floor is typically considered plenum. However, some drop ceiling designs create a tight seal that does not allow for airflow and therefore may not be considered a plenum air-handling space. The plenum space is typically used to house the communication cables for the building's computer and telephone network.

QUESTION 4

Which of the following routing metrics refers to the time required to transfer the package to the source via the Internet?

- A. None
- B. routing delay
- C. length of the trail
- D. charge
- E. bandwidth

Correct Answer: B

QUESTION 5



Management decides to implement a risk management system to reduce and maintain the organization's risk at an acceptable level. Which of the following is the correct order in the risk management phase?

- A. Risk Identification, Risk Assessment, Risk Treatment, Risk Monitoring and Review
- B. Risk Identification, Risk Assessment, Risk Monitoring and Review, Risk Treatment
- C. Risk Treatment, Risk Monitoring and Review, Risk Identification, Risk Assessment
- D. Risk Assessment, Risk Treatment, Risk Monitoring and Review, Risk Identification

Correct Answer: A

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