

Exam 1T6-220 study material

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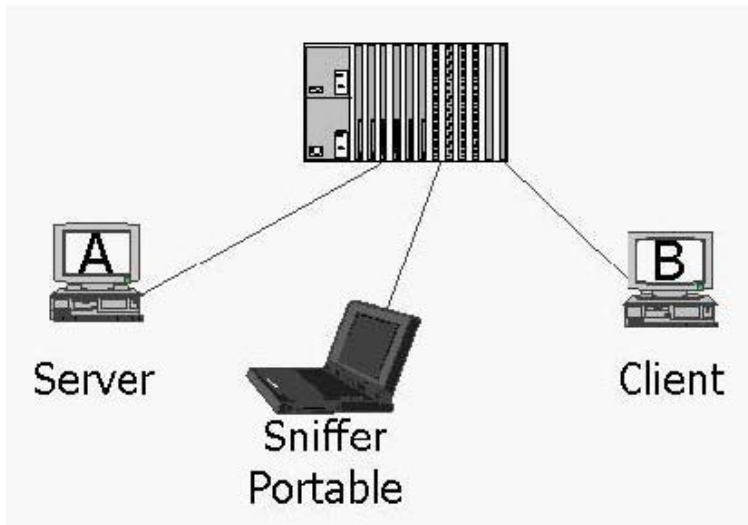


Free 1T6-220 Exam Preparation Questions

Exam 1T6-220: Switched Ethernet Network Analysis and Troubleshooting

Question: 1

The image below is an example network, the connecting device is a multi-port switch. In a switched-media LAN, the Sniffer is able to capture _____.



- A. All traffic from all devices on the LAN
- B. Broadcast and multicast traffic
- C. Traffic destined for the port where the server is attached
- D. All of the above

Answer: A

Question: 2

The Sniffer Portable Switch Expert uses _____ to configure Port Mirroring on a switch.

- A. IOS
- B. SPAN
- C. SNMP requests
- D. 802.1

Answer: B

Question: 3

If you specify Connected to Sniffer: No in the Switch Configuration list: A. You can still monitor from Switch Expert

- B. You can still retrieve RMON-based statistics from the switch over the Transport card
- C. Switch expert will be disabled
- D. The alarm function will not work

Answer: A

Question: 4

In order for a Sniffer to see non-broadcast network traffic on a _____ network, the Sniffer must be connected to a monitor, span, or mirror port.

- A. Repeated
- B. Switched

- C. Routed
- D. Remote

Answer: A

Question: 5

In order for a Sniffer to see non-broadcast network traffic on a switch, the Sniffer must be connected to a port configured as a(n)_____ port.

- A. Monitor, span, or mirror
- B. Forwarding
- C. Uplink
- D. Active

Answer: Pending

Question: 6

Choose all that apply. Which of the following are true regarding the Novell Raw frame Data Link layer?

- A. Does not include an LLC header
- B. The MAC layer ensures minimum frame length
- C. It uses LLC
- D. It was specified while the 802.3 standard was being developed

Answer: A, C

Question: 7

The SNAP header is divided as follows:

- A. 2 bytes vendor code, 3 bytes protocol
- B. 3 bytes vendor code, 2 bytes protocol
- C. 3 bytes protocol, 2 bytes control
- D. 1 byte DSAP, 1 byte SSAP

Answer: A

Question: 8

The _____ helps to ensure that stations involved in a collision do not again collide.

- A. CSMA/CD protocol
- B. Truncated Binary Exponential Backoff Algorithm
- C. Manchester Algorithm
- D. 802.1d protocol

Answer: A

Question: 9

The Ethernet Version 2 specification _____ the IEEE specification.

- A. Predates
- B. Was co-developed with
- C. Followed
- D. Is unrelated to

Answer: Pending

Question: 10

Choose all that apply. Which of the following statements are true regarding the IEEE 802.3 Data Link layer?

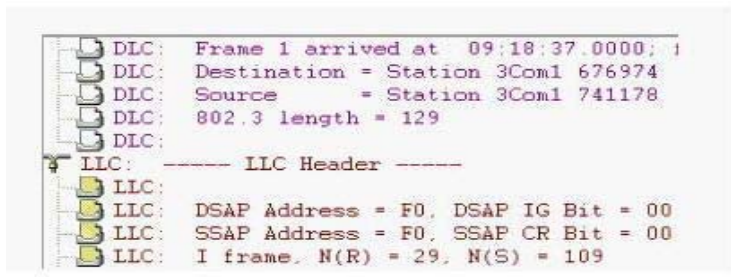
- A. Splits the DLC layer into two distinct sublayers

- B. MAC layer contains hardware addresses of destination and sending stations
- C. MAC Layer ensures minimum frame length
- D. Accommodates only connectionless service

Answer: A, B

Question: 11

The image below is a view of the Sniffer Detail window. The Ethernet frame format displayed in the image is:



- A. Ethernet Version 2
- B. Novell Raw
- C. IEEE 802.3
- D. IEEE 802.3 SNAP

Answer: B

Question: 12

In the IEEE 802.3 specification, Collision detection is performed by:

- A. The Physical layer
- B. The LLC sublayer of the Data Link layer
- C. The MAC sublayer of the Data Link layer
- D. None of the above

Answer: B

Question: 13

The _____ header follows an IEEE 802.3 LLC field when the SAP values are AA.

- A. Type
- B. Length
- C. Data
- D. SNAP

Answer: C

Question: 14

Choose all that apply. During frame transmission in Ethernet (CSMA/CD), which of the following activities occur?

- A. After sensing that there is no carrier on the wire during the interframe gap period, a station with data to send begins to transmit a frame
- B. The signal is propagated everywhere
- C. The source station listens after it completes transmitting
- D. It assumes the frame was delivered if it sensed no interference during transmission

Answer: A, C

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