



920-803

(Technology Standards and Protocol for IP Telephony Solutions)

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Question: 1

To achieve the QoS necessary to deliver voice between two points on a Frame Relay network, which two items are required to guarantee that voice quality is maintained? (Choose two.) Assume that a Permanent Virtual Circuit (PVC) is available to address converged voice and data.

- A. a Variable Bit Rate (VBR) service type
- B. a WAN access device that shapes traffic
- C. a WAN access device that does NOT fragment voice IP packets
- D. a WAN access device that can manage First-In, First-Out (FIFO) queuing
- E. a Committed Information Rate (CIR) large enough to address the total peak voice traffic plus a portion allocated for Best-Effort (BE) data

Answer: B, E

Question: 2

A video conference is in progress between two networked locations using gigabit Ethernet. The video conferencing application is using User Datagram Protocol (UDP) to transport the video and audio data. Why should UDP be used instead of Transmission Control Protocol (TCP)?

- A. TCP CANNOT handle streaming data applications.
- B. UDP is better than TCP at seamlessly synchronizing voice and video together.
- C. UDP serves as an efficient transport for handling real-time application traffic.
- D. UDP uses less bandwidth than TCP in a WAN, but more bandwidth than TCP in a LAN.

Answer: C

Question: 3

How does Real-Time Control Protocol (RTCP), the control protocol of Real-Time Protocol (RTP), assist RTP in handling packetized voice in an IP telephony environment?

- A. Controls the RTP data flows.
- B. Identifies sources and provides QoS feedback.
- C. Interoperates with Transmission Control Protocol (TCP).
- D. Controls the network bandwidth used by RTP data flows.

Answer: B

Question: 4

The basic attributes of Real-Time Protocol (RTP) provide for support of applications like voice and video. Which three attributes of RTP support real-time applications? (Choose three.)

- A. Timestamping

2

- B. Packet sequencing
- C. Header compression
- D. Payload identification
- E. Packet retransmission

Answer: A, B, D

Question: 5

What are two differences between ATM and Frame Relay (FR)? (Choose two.)

- A. ATM has a fixed frame size
- B. FR has built-in congestion control
- C. ATM is connection-oriented
- D. IP is a Layer 3 protocol

ATM) and Frame

Answer: A, D

Question: 6

To implement VoIP over a WAN, which protocol should you use to best meet the requirements?

- A. User Datagram Protocol
- B. Transmission Control Protocol
- C. User Datagram Protocol
- D. Transmission Control Protocol

col should you use

led.

Answer: A

Question: 7

A customer has a network with a high degree of latency. How can you ensure the best QoS for VoIP traffic? (Choose two.)

- B. Variable
- C. Random
- D. Differentiated

ensure the best QoS
end? (Choose two.)

Answer: A, D

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