

Nortel 920-180

Nortel 920-180 NCTS Real Time Networking

Practice Test

Version 1.0

QUESTION NO: 1

Which protocol is used for establishing media streams in H.323?

- A. G.711
- B. H.450
- C. H.245
- D. H.225.0

Answer: C

QUESTION NO: 2

The Discrete Cosine Function (DCT) in an MPEG encoder, translates blocks of which number of pixels?

- A. 16x16
- B. 8x8
- C. 2x2
- D. 64x64

Answer: B

QUESTION NO: 3

Other than PCM codecs, which are the most common type of codecs used for telecom voice?

- A. wideband codecs
- B. CELP codecs
- C. variable bit-rate codecs
- D. sub-band codecs

Answer: B

QUESTION NO: 4

Which is the correct definition of STP as applied to an Ethernet switch?

- A. Switch Transaction Protocol
- B. Simple Timing Protocol
- C. Spanning Tree Protocol
- D. Signal Transfer Point

Answer: C

QUESTION NO: 5

In a Digital Subscriber Line (DSL) network, which three functions are provided by the subscriber aggregation platform? (Choose three.)

- A. dynamic service selection via PPPoE
- B. termination of DSLAM data trunks
- C. voice services via GR-303
- D. routing of data packets
- E. Bayesian filtering for spam blocking

Answer: A,B,D

QUESTION NO: 6

Which is a true statement about MPLS mechanisms?

- A. Switching decisions are made at the Label Switching Router (LSR) based in part on a label.
- B. Switching decisions are made at the Label Edge Router (LER) based in part on a label.
- C. Routing decisions are made at the Label Edge Router (LER) based in part on a label.
- D. Routing decisions are made at the Label Switching Router (LSR) based in part on a label.

Answer: A

QUESTION NO: 7

What type of network topology does RPR employ?

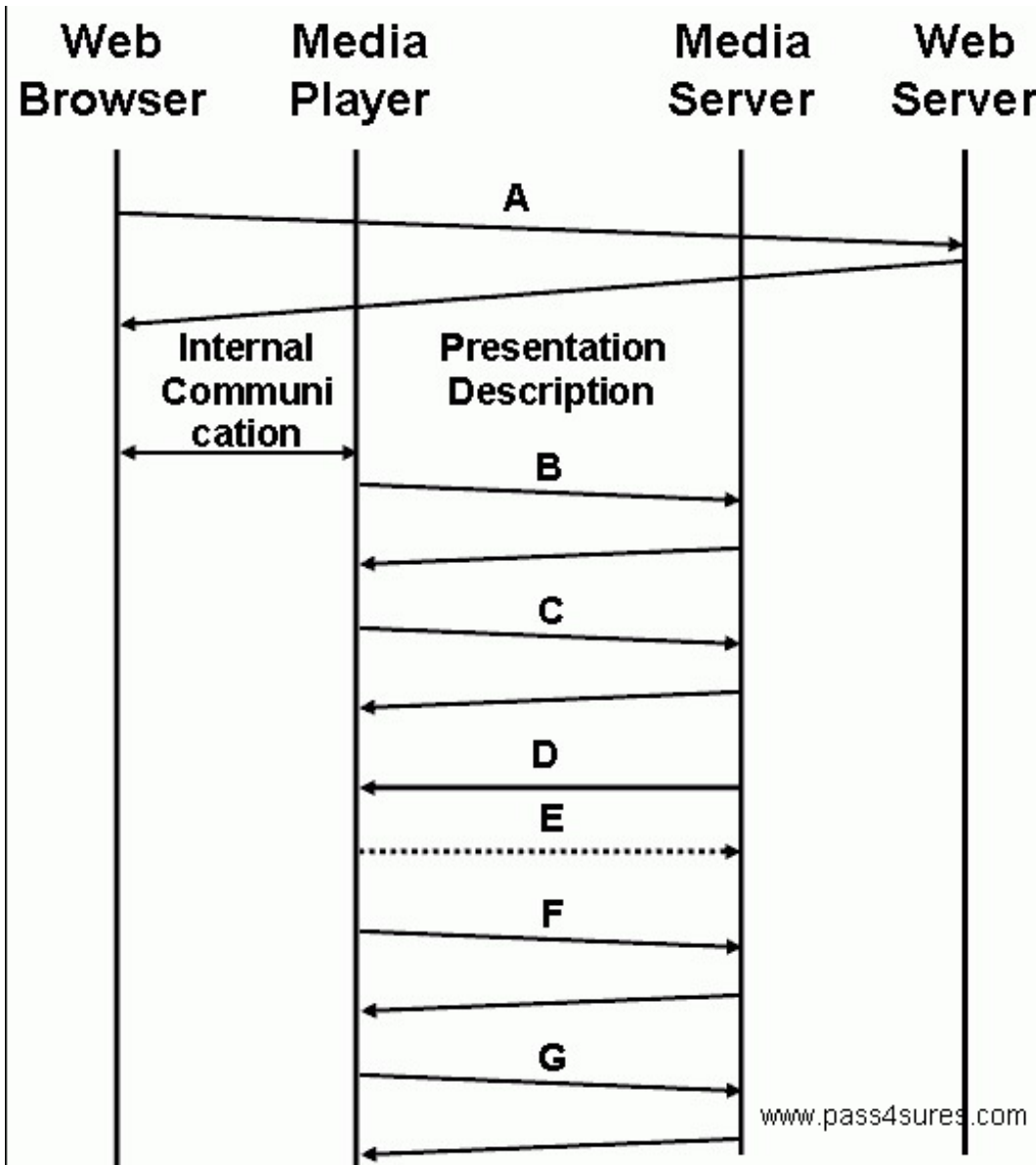
- A. Linear
- B. Mesh
- C. Point-to-Point
- D. Ring

Answer: D

QUESTION NO: 8

Click on the Exhibit button.

In a typical RTSP operation what type of protocol will be used with transaction C?



- A. RTP
- B. HTTP
- C. RTSP
- D. RTCP

Answer: C

QUESTION NO: 9

What must Real Time Networking provide?

- A. the illusion that there is no network between the endpoints
- B. the ability to run any service or application a user wants
- C. the capacity to provide service to all user in all situations

D. the capacity to provide connectivity to all potential users

Answer: A

QUESTION NO: 10

What technology allows a SONET ring to act like the backplane of an Ethernet switch?

- A. RPR
- B. STS
- C. VLAN
- D. TDI

Answer: A

QUESTION NO: 11

Which network characteristics are considered "Best Effort"? (Choose three.)

- A. first-come, first-served
- B. scheduling & policing
- C. all sessions admitted
- D. call admission control
- E. no resource guarantee
- F. traffic service classes
- G. expedited forwarding

Answer: A,C,E

QUESTION NO: 12

Which application uses fixed-sized packets?

- A. Video Conferencing
- B. Telnet
- C. Email
- D. Streaming Audio
- E. VoIP

Answer: E

QUESTION NO: 13

Which factor affects the perceptibility of echo in a voice network?

- A. Long Return from Procedure (RETL)
- B. packet loss
- C. Talker Echo Loudness Rating (TELR)
- D. choice of CODEC

Answer: C

QUESTION NO: 14

Which operations on IP packets are NOT performed by NAT? (Choose two.)

- A. changing the destination Port Number
- B. changing the transport protocol
- C. changing IPSec payload
- D. changing the destination IP address
- E. changing embedded IP addresses

Answer: B,C

QUESTION NO: 15

In a Multiprotocol Label Switching (MPLS) network, what are the two Label Distribution Protocols (LDPs)?

- A. RSVP-TE and OSPF-TE
- B. CR-LDP and IS-IS
- C. OSPF-TE and IS-IS-TE
- D. RSVP-TE and CR-LDP

Answer: D

QUESTION NO: 16

How many classes of service are available through the Ethernet User Priority bits?

- A. 32
- B. 8
- C. 16

D. 12

Answer: B

QUESTION NO: 17

Which feature is common to both TCP and RTP?

- A. reliable connection
- B. error recovery
- C. session protocol
- D. flow/congestion control
- E. multicast

Answer: C

QUESTION NO: 18

Which SONET/SDH network configuration has the attribute of being able to reuse the traffic timeslots around the network?

- A. an optical terminal device with in a linear topology
- B. an optical wideband digital cross-connect in a 1 for N configuration
- C. a broadband digital cross-connect using a Bidirectional Line-Switched Ring (BLSR) configuration
- D. an optical Add-Drop Multiplexer network within a Unidirectional Path-Switched Ring (UPSR)

Answer: C

QUESTION NO: 19

Which is a true statement about MPLS mechanisms?

- A. Switching decisions are made at the LER based on source and destination IP addresses.
- B. Routing decisions are made at the LSR based on source and destination IP addresses.
- C. Switching decisions are made at the LSR based on source and destination IP addresses
- D. Routing decisions are made at the LER based on source and destination IP addresses.

Answer: D

QUESTION NO: 20

Which applications and services are classified as Non-Real-Time (NRT)? (Choose three).

- A. Security Monitoring
- B. File Transfer
- C. Short Message Service (SMS)
- D. Voice Mail
- E. Remote Operation of Word Processor
- F. Video Conferencing
- G. Cellular Phone Service

Answer: B,C,D

QUESTION NO: 21

Which ATM adaptation layer must use Constant Bit Rate (CBR)?

- A. AAL3/4
- B. AAL5
- C. AAL1
- D. AAL2

Answer: C

QUESTION NO: 22 DRAG DROP

Click the Task button to drag the codecs in List A to List B by order of distortion with the first being the lowest distortion.

Drag the codecs in List A to List B by order of distortion with the first being the lowest distortion.

LIST A	LIST B	
G.729/G.729A	place here	Lowest Distortion
G.723.1	place here	
G.711-64	place here	
G.726-32	place here	Highest Distortion

Answer:

Drag the codecs in List A to List B by order of distortion with the first being the lowest distortion.

LIST A	LIST B	
G.729/G.729A	G.711-64	Lowest Distortion
G.723.1	G.726-32	
G.711-64	G.723.1	
G.726-32	G.729/G.729A	Highest Distortion

QUESTION NO: 23

In a Multiprotocol Label Switching (MPLS) network, what is the main function of a Label Distribution Protocol (LDP)?

- A. To fill routing tables.
- B. To switch MPLS packets on Label Switch Routers (LSRs).
- C. To establish the Label Switched Paths (LSPs).
- D. To create local backup paths.

Answer: C

QUESTION NO: 24

Which of the following items is related to cable based IP networks?

- A. AAL5
- B. IEEE 802.16
- C. DOCSIS
- D. ADSL

Answer: C

QUESTION NO: 25

In a properly tuned converged network, the various technologies and protocols _____.

- A. operate side-by-side without affecting each other.
- B. are reduced to a minimum set to prevent interaction between them.
- C. are kept separated so they cannot interact.
- D. can interact and should not be treated in isolation.

Answer: D

QUESTION NO: 26

What type of QoS mechanisms is capable of delivering hard QoS?

- A. end-to-end centralized
- B. DiffServ
- C. nodal
- D. distributed
- E. traffic policing and shaping

Answer: A

QUESTION NO: 27

RTCP is the control protocol that works in conjunction with RTP. What is the main purpose of the protocol?

- A. provides a reliable communication mechanism
- B. supports a transparent tunnel for security
- C. supports VCR-like commands for RTP
- D. provides measurements and statistics feedback information

Answer: D

QUESTION NO: 28

What is the difference between a single rate and a dual rate policer?

- A. a single rate policer meters on DSCP, a dual rate policer meters on DSCP and Drop Precedence
- B. a single rate policer meters on CIR, a dual rate policer meters on CIR and EIR.
- C. a single rate policer meters on EIR, a dual rate policer meters on EIR and CIR
- D. a single rate policer meters on Drop Precedence, a dual rate policer meters on Drop Precedence and DSCP