Exam Number/Code :   4A0-107

Exam Name: Alcatel-Lucent Quality
of Service

Version :   Demo

QUESTION NO: 1
True of False: A proper end-to-end QoS solution is becoming more of an issue even as more bandwidth is being made available to today's bandwidth-intensive, interactive multimedia applications.

A. True
B. False

Answer: A

QUESTION NO: 2
Which of the following are examples of metrics for QoS?

A. Delay, jitter, packet loss
B. Latency, FIFO, WRED
C. Signal degradation, attenuation, line loss
D. SNR, radial CODEC inversion, latency
E. Inverse Queue Depletion, delay, packet loss

Answer: A

QUESTION NO: 3
Which of the following are Ethernet SAP encapsulation types? Choose all that apply.

A. Null
B. Dot1Q
C. Q-in-Q
D. IPCP
E. BCP-Null
F. BCPdot1.q
G. Frame Relay

Answer: A,B,C

QUESTION NO: 4
Which of the following are not considered a differentiator/classifier of customer traffic at layer 2 or 3 of the OSI model? Choose all that apply.

A. DSCP
B. 802.1p

C. IP Precedence
D. TCP/UDP Port numbers
E. HTML version

Answer: D,E

QUESTION NO: 5
Which of the following statements are true regarding the DSCP bits? Choose 3 answers.

A. The precedence level bits define 4 Assured Forwarding Classes
B. The three least significant bits of the DSCP bits specify the drop probability
C. The 8 bits of the TOS field are used for DSCP
D. To convert DSCP to IP Precedence the three most significant bits are matched
E. DSCP provides for 64 precedence levels with 3 drop probabilities

Answer: A,B,D

QUESTION NO: 6
Pick from the following list the 3 major components of the QoS features on the Alcatel-Lucent 7750 SR.

A. Virtual inflow classification
B. Real-timeQoS shaping
C. Traffic classification
D. 802.1q p-bit rate-limiting
E. Buffer memory management
F. Traffic scheduling

Answer: C,E,F

QUESTION NO: 7
The IOM is responsible for which of the tasks listed below? Choose 3 answers.

A. Local processing of critical control plane functions
B. IPSec VPN hardware accelerated encryption
C. Queuing, scheduling, and buffer management
D. IP/MPLS/MAC forwarding lookup
E. Layer 2 / Layer 3 encapsulation

Answer: C,D,E

QUESTION NO: 8
Which of the following statement is true with regards to Q-in-Q on the Alcatel-Lucent 7750 SR?

A. Q-in-Q defines a mechanism for encapsulating queued DSCP traffic at the provider edge
B. Q-in-Q is a new protocol thatsupercedes 802.1p priority-bit mapping in a QoS-aware network
C. The use of either the inner or outer 802.1p bits in the 802.1q frames forQoS classification can be configured on the Alcatel-Lucent 7750 SR
D. Q-in-Q is a protocol which re-encapsulates trunked p-bits in an outer label that is mapped into the EXP bits in an MPLS backbone
E. none of the above

Answer: C

QUESTION NO: 9
Which of the following are not categories of forwarding classes on the Alcatel-Lucent 7750 SR? Choose 3 answers.

A. Real-time
B. Assured
C. Non-conforming
D. High Priority
E. Expedited

Answer: A,C,E

QUESTION NO: 10
Which of the following are Trusted boundaries by default? Choose 2 answers.

A. An IES SAP
B. A VPLS SAP
C. A network port
D. A VPRN SAP
E. An access port

Answer: C,D