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Question: 1
Which three characteristics of the traffic flow are taken into consideration when the QoS-for-VPNs feature (QoS pre-classify) provides packet classification and applies appropriate QoS service on tunnel interfaces? (Choose three.)

A. IP precedence bits
B. DSCP bits
C. Original port numbers
D. DE bits
E. Source IP address
F. Destination IP address

Answer: C, E, F

Question: 2
Which two QoS statements are true about the use of the SDM QoS wizard? (Choose two.)

A. Business-critical traffic includes VoIP and voice signaling packets.
B. SDM can be used to configure a basic QoS policy for incoming traffic on WAN interfaces and IPsec tunnels.
C. SDM can provide QoS for real-time traffic and business-critical traffic.
D. SDM creates a custom-queuing (CQ) or a priority-queuing (PQ) policy.
E. SDM creates a low latency queuing (LLQ) service policy with its associated classes.
F. When allocating bandwidth, values can be entered in either bandwidth percentage or kilobytes per second (kBps).

Answer: C, E

Question: 3
Which two statements about Cisco AutoQoS are true? (Choose two.)

A. A QoS service policy must already be enabled on the interface before Cisco AutoQoS can be enabled.
B. Any interface at or below 1.54
   Mbps is classified as a low-speed interface.
C. AutoQoS uses Cisco network-based application recognition (NBAR) to identify various applications and traffic types.
D. Cisco Express Forwarding (CEF) must be enabled at the interface or ATM PVC.
E. Cisco NBAR is a prerequisite for CEF.
F. On a serial interface, before AutoQoS is enabled, the clock rate command must be used to specify a bandwidth other than the default 1.54Mbps.

Answer: C, D

Question: 4
When a router converts analog signals to digital signals as part of the VoIP process, it performs four steps.
Which set of steps contains the steps in their correct sequence?

A. encoding
   optional compression
   quantization
   sampling
B. encoding
   quantization

optional compression
　　sampling
C. optional compression
　　encoding
　　sampling
　　quantization
D. optional compression
　　sampling
　　encoding
　　quantization
E. sampling
　　quantization
　　encoding
　　optional compression
F. sampling
　　quantization
　　optional compression
　　encoding

Answer: E

Question: 5
What are three staid Extensible Authentication Protocol (EAP) types? (Choose three.)

A. LEAP
B. EAP-FAST
C. EAP-TLS
D. EAP-AES
E. WEAP
F. WEP

Answer: A, B, C

Question: 6
What are three benefits of the Wireless LAN Solution Engine (WLSE)? (Choose three.)

A. The decentralized nature of WLSE helps reduce the time and resources that are required to
　　manage a large number of WLAN devices.
B. WLSE helps simplify large-scale deployments by providing automatic configuration of new
　　APs.
C. WLSE minimizes security vulnerabilities by providing security policy misconfiguration alerts
　　and rogue AP detection.
D. WLSE provides AP utilization and client association reports, features which help with capacity
　　planning.
E. WLSE can respond to required changes that are requested by APs.
F. WLSE increases productivity through customization with three possible levels of management:
　　lightweight, extended, and advanced.

Answer: B, C, D

Question: 7
What is link fragmentation and interleaving (LFI)?

A. LFI is a QoS mechanism that allots bandwidth and enables the differentiation of traffic
　　according to a policy.

B. LFI is a Layer 2 technique in which header information is sent only at the beginning of the session, stored in a dictionary, and then referenced in later packets by a short dictionary index.
C. LFI is a Layer 3 technique in which header information is sent only at the beginning of the session, stored in a dictionary, and then referenced in later packets by a short dictionary index.
D. LFI is a Layer 2 technique in which large frames are broken into small, equal-sized fragments, and transmitted over the link in an interleaved fashion.
E. LEI is a Layer 2 technique in which smaller fragments are combined into large, equal-sized frames, and transmitted over the link in an interleaved fashion.

Answer: D

Question: 8
Which two statements about packet marking at the data link layer are true? (Choose two.)

A. Through the use of DE markings, Frame Relay QoS supports up to 10 classes of service.
B. Frames maintain their class of service (CoS) markings when transiting a non-802.1p link.
C. IEEE 802.1p supports up to 10 class of service (CoS) markings.
D. In an 802.1q frame, the 3-bit 802.1p priority field is used to identify the class of service (CoS) priority.
E. The 802.1p CoS markings are preserved through the LAN, but are not maintained end to end.

Answer: D, E

Question: 9
Which two Cisco AutoQoS interface statements are true? (Choose two.)

A. AutoQoS is supported on Frame Relay multipoint subinterfaces.
B. AutoQoS is supported on low-speed ATM PVCs in point-to-point subinterfaces.
C. AutoQoS is supported on serial PPP and HDLC interfaces.
D. AutoQoS is supported only on Frame Relay main interfaces and not on any subinterface configuration.

Answer: B, C

Question: 10
Which two wireless security statements are true? (Choose two.)

A. A TACACS+ server is required to implement 802.1x.
B. MIC protects against man-in-the-middle and replay attacks.
C. The 802.1x standard provides encryption services for wireless clients.
D. The AES (symmetric block cipher) is specified in the IEEE 802.11i specification.
E. The IEEE 802.11i specification uses RC4 as its encryption mechanism.
F. WPA requires TKIP and AES as encryption methods.

Answer: B, D

Question: 11
Which two statements regarding the Wireless LAN Solution Engine (WLSE) are true? (Choose two.)

A. To support fault and policy reporting, the WLSE requires a Wireless Control System (WCS).
B. When WLSE detects an AP failure, it automatically increases the power and cell coverage of nearby APs.

C. WLSE requires the 2700 location appliance to offer location tracking.
D. WLSE can locate rogue APs and automatically shut them down.
E. WLSE configuration is done using the command line interface (CLI) or a WEB based
   template.

Answer: B, D

Question: 12
Which two statements are true about traffic shaping and traffic policing? (Choose two.)

A. Both traffic shaping and traffic policing cause retransmissions of connection-oriented protocols
   such as TCP.
B. Both traffic shaping and traffic policing support the marking and re-marking of traffic.
C. The effects of traffic shaping and traffic policing when configured on a router are applied to
   outgoing traffic.
D. Traffic shaping queues excess traffic whereas traffic policing discards excess traffic.
E. Traffic shaping allows the traffic to exceed the bit rate whereas traffic policing prevents the
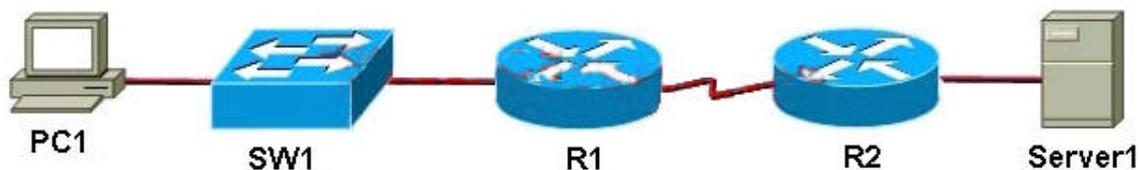   traffic from exceeding the bit rate.

Answer: C, D

Question: 13
Which two queuing methods will allow a percentage of the available bandwidth to be allocated to
each queue? (Choose two.)

A. First-in, first-out queuing (FIFO)
B. Priority queuing (PQ)
C. Custom queuing (CQ)
D. Weighted fair queuing (WFQ)
E. Class-based WFQ (CBWFQ)
F. Low latency queuing (LLQ)

Answer: E, F

Question: 14
Exhibit:

Which two QoS fields should be used by R1 and R2 to classify the traffic sent from PC1 to
Server1? (Choose two.)

A. CoS
B. IP DSCP
C. DE bit
D. priority bits
E. IP precedence

Answer: B, E

Question: 15
Which classification tool can be used to classify traffic based on the HTTP URL?

A. Class-based policing
B. Policy-based routing (PBR)
C. Committed access rate (CAR)
D. Network-based application recognition (NBAR)
E. Dial peers

Answer: D

Question: 16
Which two statements are true about the function of CAC? (Choose two.)

A. CAC provides guaranteed voice quality on a link.
B. CAC artificially limits the number of concurrent voice calls.
C. CAC is used to control the amount of bandwidth that is taken by a call on a link.
D. CAC prevents oversubscription of WAN resources that is caused by too much voice traffic.
E. CAC allows an unlimited number of voice calls while severely restricting, if necessary, other
   forms of traffic.
F. CAC solves voice congestion problems by using QoS to give priority to UDP traffic.

Answer: B, D

Question: 17
Which two statements are true about the implementation of QoS? (Choose two.)

A. Implementing DiffServ involves the configuration of RSVP.
B. Implementing IntServ allows QoS to be performed by configuring only the ingress and egress
   devices.
C. Implementing IntServ involves the utilization of RSVP.
D. Traffic should be classified and marked by the core network devices.
E. Traffic should be classified and marked as close to the edge of the network as possible.

Answer: C, E

Question: 18
What three types of interfaces do voice gateways use to connect to analog interfaces? (Choose
three.)

A. E and M
B. E1 CCS
C. FXS
D. FXO
E. serial
F. T1 CAS

Answer: A, C, D

Question: 19
Which two Cisco router functional planes are protected by Control Plane Policing (CoPP)?
(Choose two.)

A. Data plane
B. Control plane

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and many others.. See complete list Here