Exam Code: 642-845

Exam Name: ONT - Optimizing Converged Cisco
Networks

Vendor: CISCO

Version: DEMO

Part: A

1: What best describes an FXO interface?

A.analog trunks that provide the Survivable Remote Site Telephony (SRST) feature

B.analog trunks that provide VoIP gateway functionality

C.analog trunks that connect a gateway to plain old telephone service (POTS) device such as analog phones, fax machines, and legacy voice-mail systems

D.analog trunks that connect a gateway to a central office (CO) or private branch exchange (PBX)

Correct Answers: D

2: Which two steps are executed in the deployment of Cisco AutoQoS for Enterprise? (Choose two.)

A.The customer uses SNMP statistics to create the policy.

B.QoS policy templates are generated and installed on the interface.

C.RTP is used to generate the policy.

D.LLQ, cRTP, and LFI are used to automatically discover the policy.

E.The auto-generated policy is manually optimized before implementation.

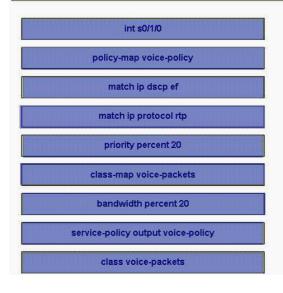F.Auto-discovery is used to determine what traffic is on the interface.

Correct Answers: B F

3: Drop

Using the fewest commands possible, drag the commands on the left to the blanks on the right to configure and apply a QoS policy that guarantees that voice packets receive 20 percent of the bandwidth on the S0/1/0 interface.

int s0/1/0	
policy-map voice-policy	
match ip dscp ef	
match ip protocol rtp	
priority percent 20	
class-map voice-packets	
bandwidth percent 20	
service-policy output voice-policy	
class voice-packets	

Correct Answers:

Using the fewest commands possible, drag the commands on the left to the blanks on the right to configure and apply a QoS policy that guarantees that voice packets receive 20 percent of the bandwidth on the S0/1/0 interface.

Left column:
- int s0/1/0
- policy-map voice-policy
- match ip dscp ef
- match ip protocol rtp
- priority percent 20
- class-map voice-packets
- bandwidth percent 20
- service-policy output voice-policy
- class voice-packets

Right column:
- class-map voice-packets
- match ip dscp ef
- policy-map voice-policy
- class voice-packets
- priority percent 20
- int s0/1/0
- service-policy output voice-policy

4: Which two statements are true about the application of QoS in a converged network? (Choose two.)

A.End-to-end network delay times that exceed 50 ms for real-time traffic are considered unacceptable.

B.End-to-end network delay times that exceed 250 ms for real-time traffic are considered unacceptable.

C.End-to-end network delay is not a factor as long as the delay is consistent.

D.Some packet loss can be corrected by codec algorithms.

E.RSVP handles voice packet retransmission.

F.Fragmentation is a result of packet loss.

Correct Answers: B D

5: What are two of the three predefined classes for the Cisco SDM wizard? (Choose two.)

A.business-critical

B.high priority

C.middle class

D.voice

E.best effort

F.scavenger

Correct Answers: A E