642-437 Q&As

Implementing Cisco Unified Communications Voice over IP and QoS v8.0 (CVOICE v8.0)

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QUESTION 1

Which command is used to view the COR list?

A. show voip ccapi inout

B. show dial-peer cor

C. show dial-peer summary

D. show ip interface brief

Correct Answer: B

QUESTION 2

What are two advantages of deploying dual VLANs on an access layer switch that connects to an IP phone? (Choose two.)

A. This is the default state when an IP phone is connected to an unconfigured Cisco Catalyst switch.

B. Dual VLANs allow for the logical separation of data and voice traffic, which allows the network to process these two traffic types individually.

C. There are no advantages if a Cisco IP phone has a PC attached. Both the voice and data services should be in the same VLAN.

D. Implementing dual VLANs allows you to connect two devices that are in different VLANs to a single switch port.

E. It is typically used for IP phones that are not Cisco IP phones, IP softphones, or when Cisco IP phones or other Cisco voice devices (such as the Cisco VG248 Analog Phone Gateway) do not support PCs to be connected to them.
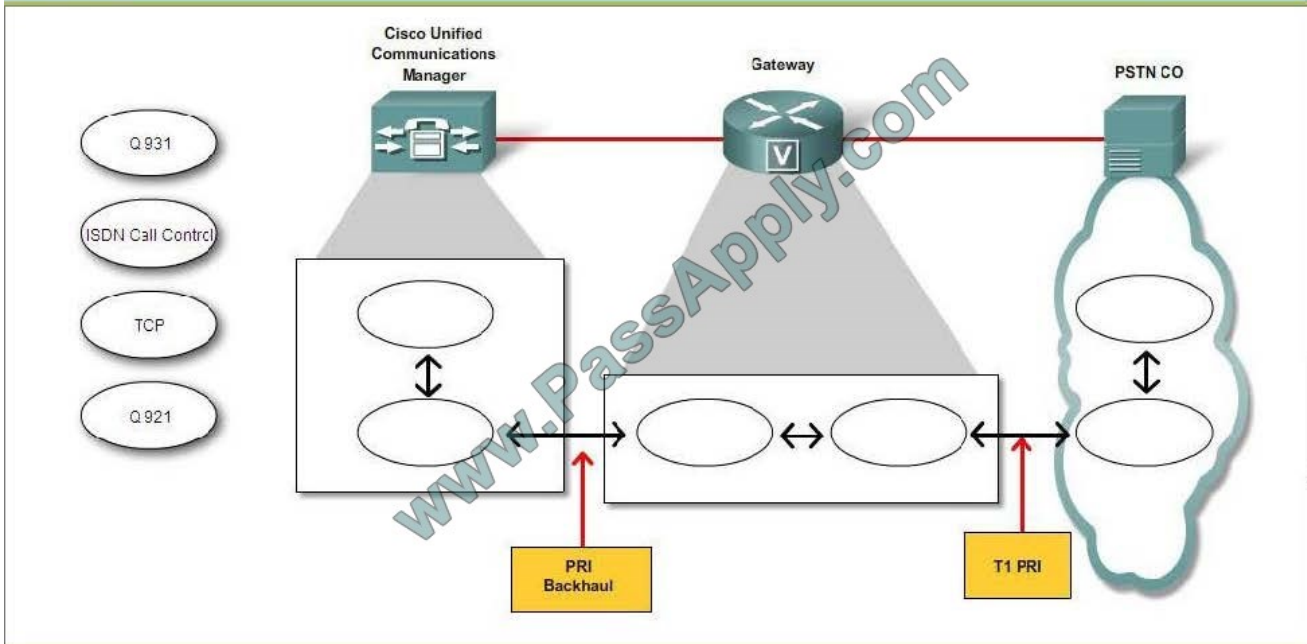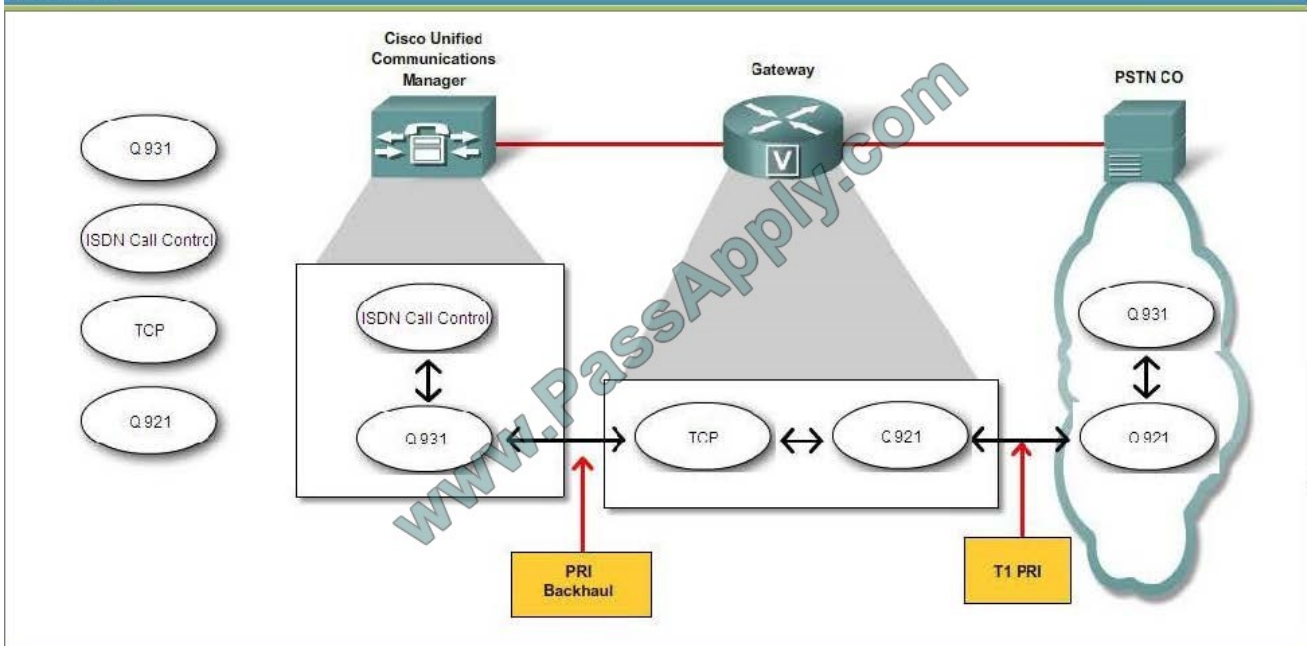
Correct Answer: BD

QUESTION 3

Drag the signaling methods from the left and drop them in the correct position in the graphic on the right.Some methods are used more than once, and some methods may not be used at all.

Select and Place:

Drag the signaling methods from the left and drop them in the correct position in the graphic on the right. Some methods are used more than once, and some methods may not be used at all.
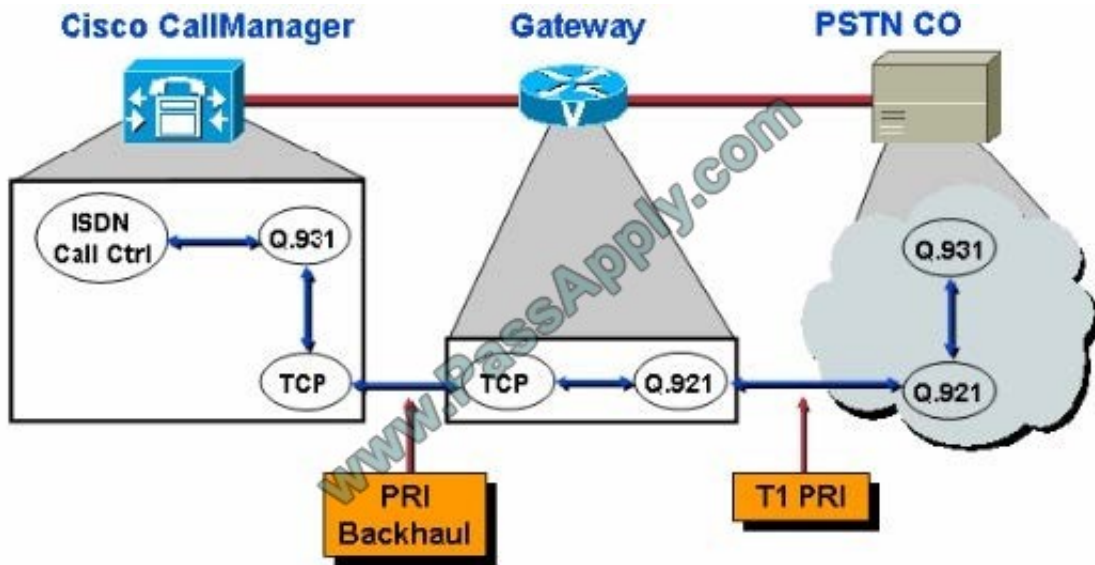

Correct Answer:

Explanation/Reference:

The one thing that distinguishes a PRI from other interfaces is the fact that the data that is received from the PSTN on the D-channel and needs to be carried in its raw form back to the Cisco CallManager to be processed. The gateway does not process or change this signalling data, it simply passes it onto the Cisco CallManager through TCP port 2428. The gateway is still responsible for the termination of the Layer 2 data. That means that all the Q.921 data-link layer connection protocols are terminated on the gateway, but everything above that (Q.931 network layer data and beyond) is passed onto the Cisco CallManager. This also means that the gateway does not bring up the D-channel unless it can communicate with Cisco CallManager to backhaul the Q.931 messages contained in the D-channel.

http://www.cisco.com/en/US/tech/tk1077/technologies_tech_note09186a00801da84e.shtml

QUESTION 4

How does DiffServ deliver QoS across the network?

A. DiffServ classifies and marks traffic at each node in the network.

B. When using DiffServ, the network tries to deliver a particular kind of service that is based on the QoS that is specified by each packet.

C. DiffServ tries to deliver a particular level of service on a per-flow basis across the network.

D. DiffServ delivers a particular kind of service based on either a flow-based behavior or a per- hop behavior, depending on how the traffic was marked and classified at ingress.

Correct Answer: A

QUESTION 5

Which three features are embedded in an RTP header? (Choose three.)

A. payload type

B. bandwidth type

C. DSP

D. packet size

E. sequence number

F. time stamp

Correct Answer: AEF

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