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642-437^{Q&As}

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

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QUESTION 1

Switch port fa0/2 has been configured to connect an IP phone with an attached PC. Given the set of commands in the example, where does the trust boundary lie?

interface fa0/2 mls qos trust cos mls qos trust device cisco-phone switchport voice vlan 112

A. between the IP phone and the switch

B. between the IP phone and the PC

C. between the access layer switch and the distribution layer switch

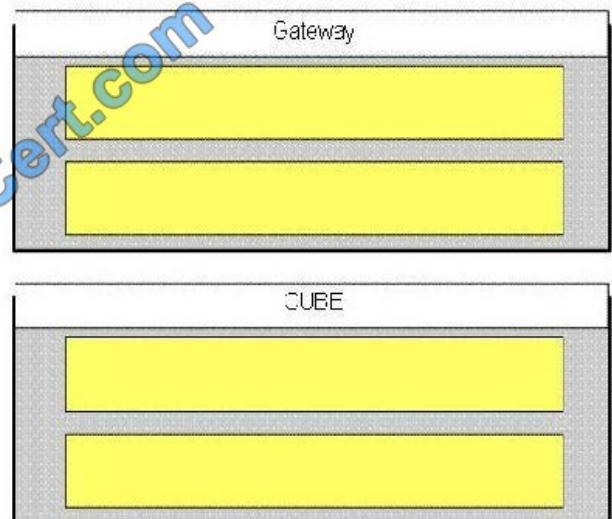D. between the PC port and the LAN port on the IP phone

Correct Answer: A

QUESTION 2

Click and drag the feature on the left to the category it belongs to on the right.

Select and Place:

Correct Answer:

Click and drag the feature on the left to the category it belongs to on the right.

Gateway
supports analog faxes and modems on a VoIP network
performs call setup and teardown between VoIP networks and the PSTN

CUBE
interconnects segments of the same or different VoIP networks using different media types
interconnects segments of the same or different VoIP networks using different signaling types

Explanation/Reference:

Gateway Functionality : Gateways are responsible Media stream handling and speech path integrity, DTMF relay, Fax relay and pass-through, Digit translation and call processing, Dial peers and codec filtering, Carrier ID handling, Termination and re-origination of signaling and media The Cisco Unified Border Element is a session border controller designed to provide easy, secure, and cost-effective connectivity between independent unified communications networks or network domains for different enterprises. It provides interconnection between incompatible applications within the enterprise network, between different enterprises for business-to-business applications, and between enterprise networks and service provider Session Initiation Protocol (SIP) trunks. The Cisco Unified Border Element provides key session management capabilities, H.323 and SIP interworking functions, and network-to-network interface security and demarcation capabilities. It performs most of the same functions of a public switched telephone network (PSTN)-to-IP gateway but joins two VoIP call legs. Media packets can either flow through (thus hiding the networks from each other) or around the Cisco Unified Border Element platform http://www.cisco.com/en/US/docs/ios/voice/cube/configuration/guide/vb-gwoverview_ps10591_TSD_Products_Configuration_Guide_Chapter.html

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QUESTION 3

Which queuing method is the basis for the low latency queuing?

A. weighted random early detection

B. custom queuing

C. weighted fair queuing

D. class-based weighted fair queuing

Correct Answer: D

QUESTION 4

What do you use an FXS for?

A. an analog telephone

B. a PBX

C. an IP phone

D. an E1

Correct Answer: A

QUESTION 5

Which of the Diffserv differentiated services code point per-hop behaviors is used for low-delay services including VoIP and video over IP?

A. Assured Forwarding

B. Expedited Forwarding

C. default

D. class selector

Correct Answer: B

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