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**Vendor:**Cisco

**Exam Code:**642-437

**Exam Name:**Implementing Cisco Unified  
Communications Voice over IP and QoS v8.0 (CVOICE  
v8.0)

**Version:**Demo

### QUESTION 1

Which scenario requires QoS to be deployed on a network?

- A. consistent bandwidth
- B. an end-to-end audit
- C. slow performance
- D. an echo

Correct Answer: B

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### QUESTION 2

When you configure Cisco Unified Border Element to support RSVP-based CAC, when are the RSVP path and reservation messages sent and received?

- A. immediately after the call setup message is received and the reservation message is received, after
- B. 245 capabilities negotiation is completed
- C. after the H.245 capabilities negotiation is completed
- D. immediately after the call setup message is received
- E. after the global command call rsvp-sync is configured

Correct Answer: C

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### QUESTION 3

For multisite deployments with distributed call processing, which three dial plan solutions does Cisco recommend? (Choose three.)

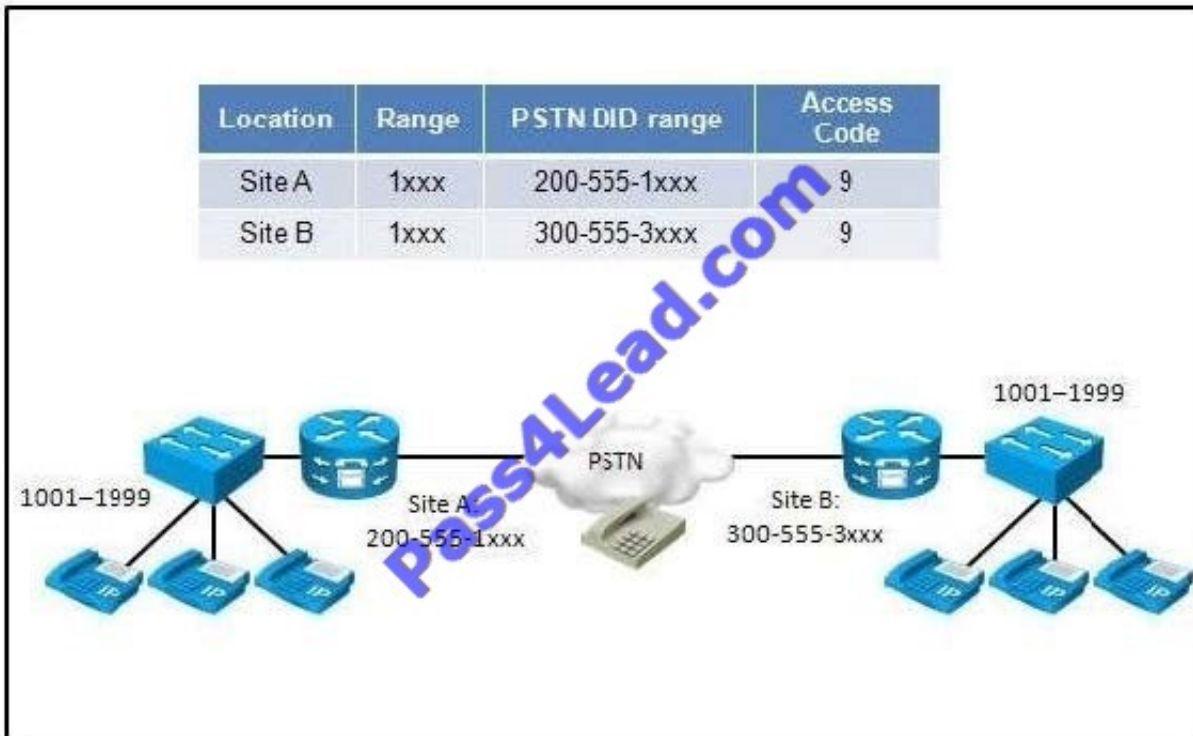
- A. using access and site codes
- B. implementing PSTN access
- C. defining remote site redundancy options
- D. defining Call Admission Control for Cisco Extension Mobility
- E. implementing PSTN backup
- F. implementing Service Advertisement Framework

Correct Answer: ABE

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#### QUESTION 4

Refer to the exhibit. An administrator is migrating a PBX telephony system to a VoIP solution using a fixed numbering plan. The extension numbers and PSTN DIDs cannot be changed. Which of the following methods can be used in order to reach the individual extensions at Site B when called via the PSTN?



- A. The administrator can replace the last three digits of the DID with xxx to cover the individual extensions.
- B. The administrator can replace the last three digits of the DID with xxx and use translation rules to map the individual extensions.
- C. The administrator needs to implement an auto-attendant solution where individual extensions can be dialed.
- D. The administrator needs to map the last four digits in the DID to the extension numbers using translation rules.

Correct Answer: D

#### QUESTION 5

Which four are critical functions that are performed by the Cisco Unified Border Element? (Choose four.)

- A. handling of DoS attacks
- B. migration control
- C. QoS accounting and billing
- D. choice of deployment support
- E. flexibility on a single platform

F. critical log captures

G. monitoring and troubleshooting deployments

H. investment protection

Correct Answer: BDEH

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#### QUESTION 6

```
!  
class-map match-all voip-rtp  
match ip rtp 16884 16383  
!  
class-map match-any voip-signaling  
match cos 3  
match dscp cs3  
match dscp 26  
!  
policy-map voip  
class voip-rtp  
set dscp 46  
class voip-signaling  
set dscp af31  
!
```

Refer to the exhibit. When a voice-signaling packet arrives at the router with a DSCP value of AF31, which two options describe how it will be treated? (Choose two.)

- A. The packet will not match any class maps.
- B. The packet will match class map voip-signaling.
- C. The packet will be re-marked with a DSCP value of AF31.
- D. The packet will be re-marked as DSCP 26 and then to AF31.
- E. The packet will be marked as DSCP 46 because that is the first set statement in the policy map.

Correct Answer: BC

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#### QUESTION 7

Which Cisco Unified Communications Manager component acts as a voice switch between multiple telephony circuits and can provide signaling and media conversion?

- A. gatekeeper
- B. gateway
- C. media exchanger
- D. PBX

Correct Answer: B

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#### **QUESTION 8**

When you implement the tail-end hop-off path-selection strategy, which task should you complete first?

- A. Define the VoIP inbound digit manipulation.
- B. Define the VoIP outbound digit manipulation.
- C. Define the outbound VoIP dial peer.
- D. Define the inbound VoIP dial peer.

Correct Answer: B

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#### **QUESTION 9**

What is the function of class-based marking?

- A. Marking packets is based only on CoS value, IP precedence value or DSCP value allows Layer 3 frames to be identified and distinguished from other packets.
- B. Marking frames based only on CoS value or IP precedence value allows Layer 2 frames to be identified and distinguished from other frames.
- C. Marking frames or packets sets information in the Layer 2 and Layer 3 headers of a packet so that the frame or packet can be identified and distinguished from other frames or packets in the same traffic flow.
- D. Marking frames only sets information in the Layer 2 headers of a frame so that the frame can be identified and distinguished from other packets or frames.
- E. Marking allows network devices to classify a packet or frame, based on a specific traffic descriptor.

Correct Answer: E

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#### **QUESTION 10**

Which codec complexity type allows medium-complexity codecs to be run in high-complexity mode, but with fewer (usually approximately half) of the channels available per DSP?

- A. low complexity
- B. medium complexity
- C. high complexity
- D. flex complexity

Correct Answer: B

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#### **QUESTION 11**

What is the function of TEHO in a path selection strategy?

- A. Allows users to place an intersite call by dialing a site code.
- B. Uses the WAN link for call routing to avoid PSTN charges.
- C. Uses the WAN link for call routing to avoid PSTN charges; in addition, the PSTN breakout should be as close as possible to the final PSTN destination.
- D. Defines each site with a unique site code.

Correct Answer: C

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#### **QUESTION 12**

Which type of North American Numbering Plan number code is used to designate a number for special purposes?

- A. easily recognizable codes
- B. carrier identification codes
- C. service codes
- D. Automatic Number Identification II digits

Correct Answer: A

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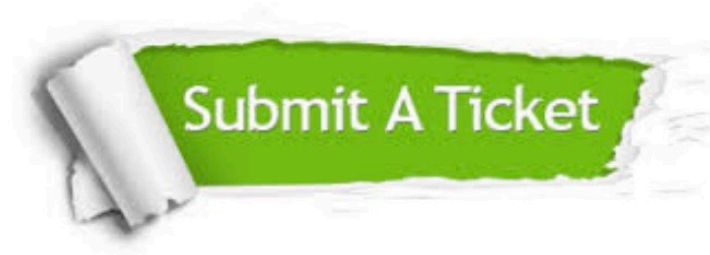
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