Cisco 642-436

642-436 Cisco Voice over IP (CVOICE)

Practice Test

Version 3.8

QUESTION NO: 1

Which two statements describe the purpose of the technology prefix? (Choose two.)

A. Technology prefixes are configured on gateways to indicate to the gatekeeper whether they support voice or video.
B. Technology prefixes must always be configured on gateways.
C. Technology prefixes are used to identify different types or classes of gateways.
D. Technology prefixes areprepended to the destination address by the gateway.
E. Technology prefixes have to be unique on each gateway.

Answer: C,D

QUESTION NO: 2

Which statement is true about only out-of-band signaling?

A. A signaling bit is robbed from each frame.
B. Signaling bits are sent in a special order in a dedicated signaling frame.
C. All signaling is directly associated with its corresponding voice frame.
D. All voice packets carry their own signaling.

Answer: B

QUESTION NO: 3

Examine the example output.
hostname GW1
!
interface Ethernet 0/0
ip address 172.16.2.1 255.255.255.0
h323-gateway voip interface
h323-gateway voip id GK1-zone1.abc.com abc.com ipaddr 172.16.2.2
h323-gateway voip h323-id GW1
h323-gateway voip bind srcaddr 172.16.2.1
!
dial-peer voice 1 voip
destination-pattern 1212.
session-target ras
!
dial-peer voice 2 pots
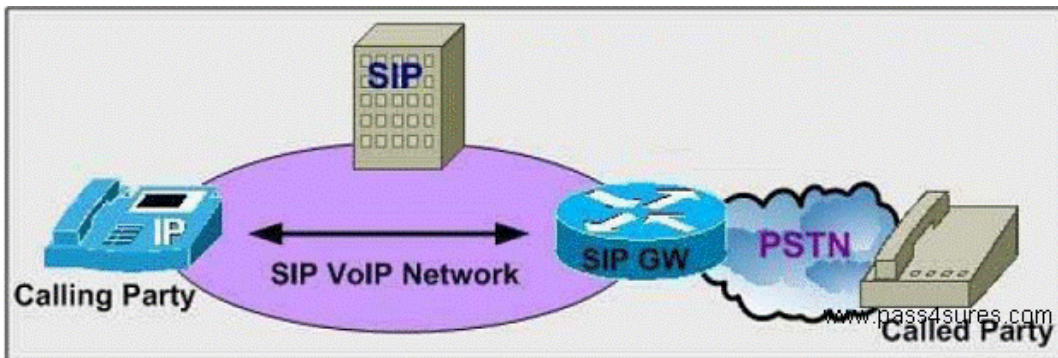destination-pattern2125551212

---

no register e164

!

end

Choose the command that will restore communication with gatekeeper functionality to this device.

A. h323-gatewayvoip h323-id GK1

B. gateway

C. h323-gatewayvoip bind srcaddr 172.16.2.2

D. h323-gatewayvoip GW1-zone2.abc.com abc.com ipaddr 172.16.2.1

Answer: B

QUESTION NO: 4

Refer to the exhibit. Which two actions would be initiated by a UAS? (Choose two.)

A. Contacts the user when a SIP invitation is received

B. Originates the REFER method to initiate call termination

C. Returns a response on behalf of the user to the invitation originator

D. Originates the INVITE method including a description of the session parameters

E. Originates the ACK method to indicate that it has received a response to an invitation

Answer: A,C

QUESTION NO: 5

Which option is true concerning the MGCP call agent?

A. Acts only as a recorder of call details

B. Provides only call signaling and call setup

C. Manages all aspects of the call and voice stream

D. Monitors the quality of each call after setup
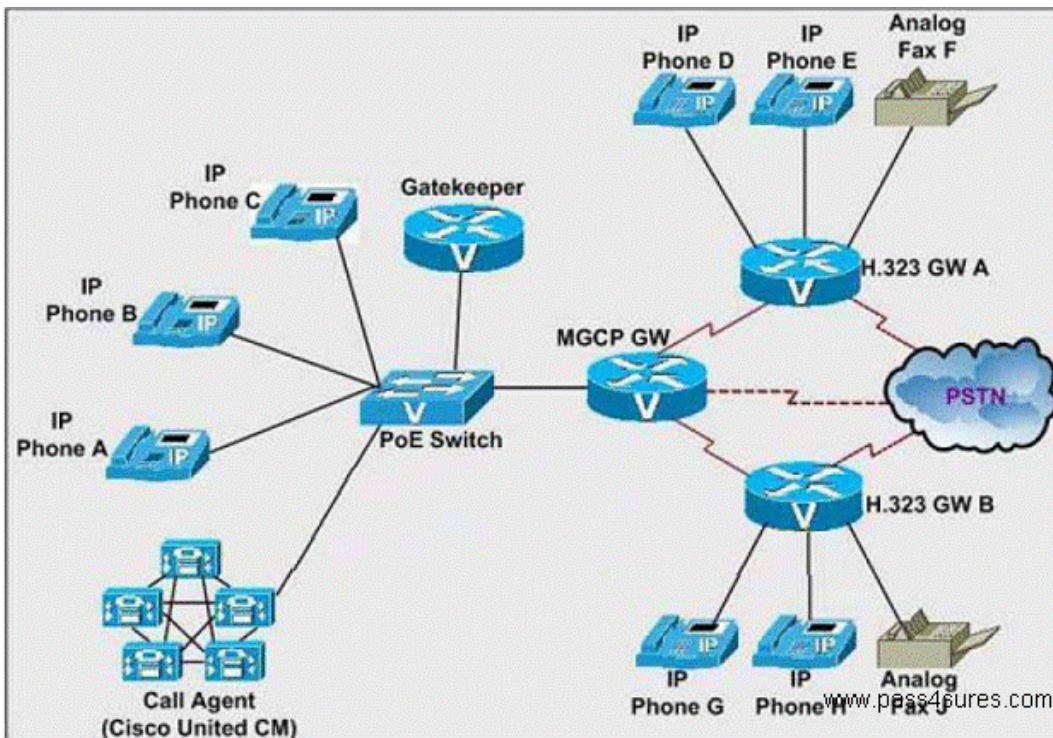
Answer: B

QUESTION NO: 6

Which statement best describes gatekeeper operation when the technology prefix is matched and the gatekeeper is using the technology prefix with hopoff?

A. The gatekeeper always forwards the call to the zone specified in thehopoff command.
B. The gatekeeper only forwards the call to thehopoff zone if the zone prefix does not match.
C. The gatekeeper attempts to forward the call to thehopoff zone, but if this fails, it will forward the call to the zone specified in the zone prefix command.
D. The gatekeeper attempts to forward the call to the zone specified in the zone prefix command first, but if this fails, it will forward the call to the zone specified in thehopoff command.

Answer: A

QUESTION NO: 7

Refer to the exhibit. All IP phones are SCCP phones. Phone D makes an internal call to phone G. Which call setup signaling statement is true?
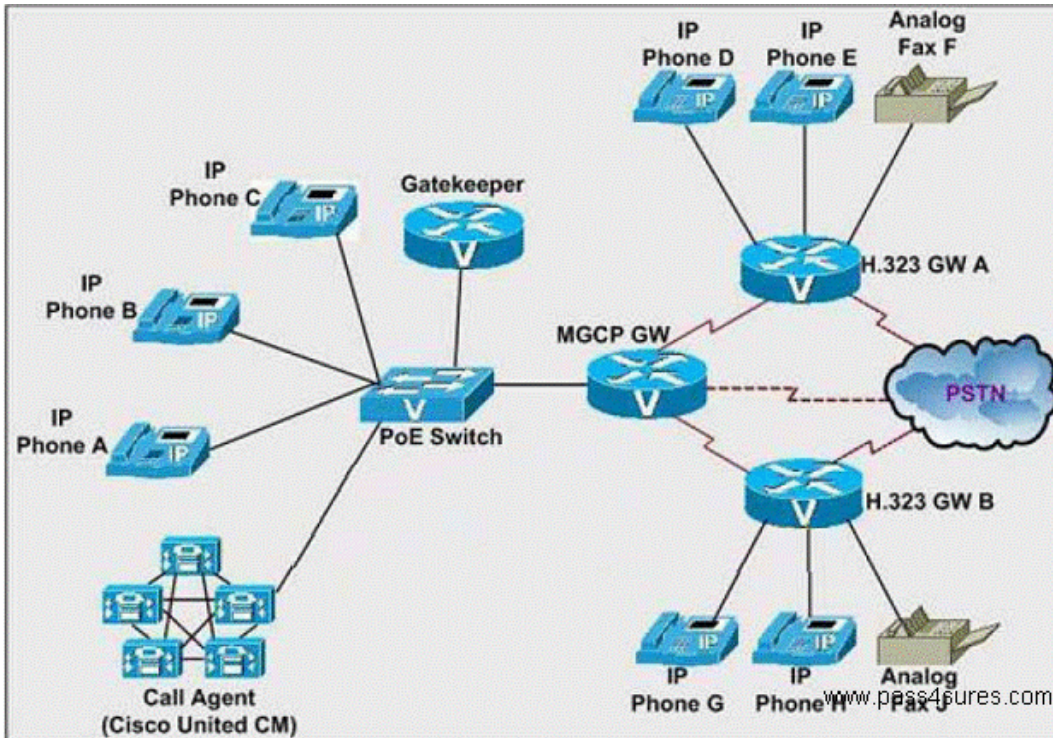

A. Phone D signals phone G directly. Call setup is handled by the phones.
B. Phone D signals gateway A, which processes the call and signals phone G.
C. Phone D signals gateway B, which processes the call and signals phone G.
D. Phone D signals gatekeeper. The gatekeeper processes the call and signals phone G.
E. Phone D signals the call agent. The call agent processes the call and signals phone G.

Answer: E

QUESTION NO: 8

Refer to the exhibit. All IP phones use SCCP. Fax machine F calls fax machine J. Which call setup signaling statement is correct?

A. Fax F signals Fax J directly. Call setup is handled by the fax machines.

B. Gateway A processes the call and signals gateway B. Gateway B processes the request.

C. Gateway A signals the call agent. The call agent processes the call and signals gateway B.

D. Gateway A signals the gatekeeper. The gatekeeper processes the call and signals gateway B.

E. Gateway A processes the call and signals gateway B. Gateway B processes the call. During the setup, the gateways query the gatekeeper for address resolution and call setup permission.

Answer: E

QUESTION NO: 9

Refer to the exhibit. Three department managers share the directory number 3000. The Marketing manager's phone is attached to port 1/1. The Engineering manager's phone is attached to port 1/2. The Shipping manager's phone is attached to port 1/3. In which situation would an incoming call ring on the Shipping manager's phone?

```
dial-peer voice 1 pots
    destination pattern 3000
    port 1/1
    preference 0
!
dial-peer voice 2 pots
    destination pattern 3000
    port 1/2
    preference 1
!
dial-peer voice 3 pots
    destination pattern 3000
    port 1/3
    preference 2          www.pass4sures.com
```
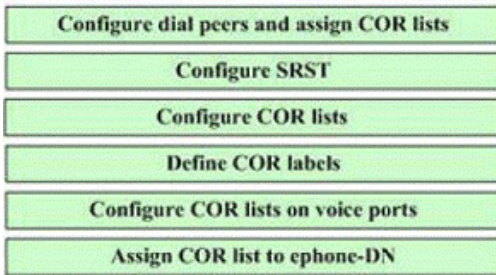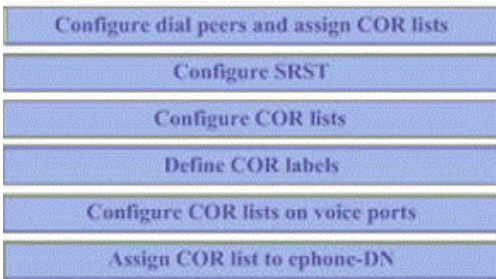
A. The Marketing manager is on the phone.

B. None of the managers are on the phone.

C. The Engineering manager is on the phone.

D. The Shipping manager and Marketing manager are on the phone.

E. The Engineering manager and Marketing manager are on the phone.

Answer: E

QUESTION NO: 10 DRAG DROP

Using Cisco Unified Communications Manager Express, what four steps are necessary to implement COR? (Choose four.)

	Steps
Configure dial peers and assign COR lists	
Configure SRST	
Configure COR lists	
Define COR labels	
Configure COR lists on voice ports	www.pass4sures.com
Assign COR list to ephone-DN	

Answer:

Configure dial peers and assign COR lists
Configure SRST
Configure COR lists
Define COR labels
Configure COR lists on voice ports
Assign COR list to ephone-DN

Steps

Define COR labels
Configure COR lists
Assign COR list to ephone-DN
Configure dial peers and assign COR lists

Explanation:

Configure dial peers and assign COR lists
Configure SRST
Configure COR lists
Define COR labels
Configure COR lists on voice ports
Assign COR list to ephone-DN

Steps

Define COR labels
Configure COR lists
Assign COR list to ephone-D
Configure dial

QUESTION NO: 11

At what point does the MGCP call agent release the setup of the call path to the residential gateways?

A. After the call agent has been notified that an event occurred at the source residential gateway
B. After the call agent has been notified of an event and has instructed the source residential gateway to create a connection
C. Does not release call pathsetup
D. After the call agent has sent a connection request to both the source and destination and has relayed a modify-connection request to the source so that the source and destination can set up the call path
E. After the call agent has forwarded session description protocol information to the destination from the source and has sent a modify connection to the destination and a create-connection request to the source

Answer: D

QUESTION NO: 12

Which two codes together make up the number that follows the E.164 recommendation numbering scheme? (Choose two.)

A. Country code

B. Subscriber code

C. National destination code

D. Provider code

Answer: A,B

QUESTION NO: 13

When using CUBE, which two statements describe how media flow-through differs from media flow-around? (Choose two.)

A. Media flow-around provides address hiding by terminating both signaling and RTP streams.

B. Media flow-through terminates the signaling channel and the RTP streams flow directly between endpoints.

C. Media flow-around and media flow-through function in a similar manner, but media flow-around supports NAT traversal.

D. Media flow-through terminates the RTP streams but allows signaling to flow directly between endpoints.

E. Media flow-around terminates the signaling stream and allows RTP streams to flow directly between endpoints.

F. Media flow-through provides address hiding by terminating both signaling and RTP streams.

Answer: E,F

QUESTION NO: 14 HOTSPOT

Refer to the exhibit. The Acme Corp. uses H.323 to place calls to their supplier RR Industries. Acme also has a voice connection to an ITSP for long distance over a SIP network. Which configuration should Acme use to deploy the CUBE?
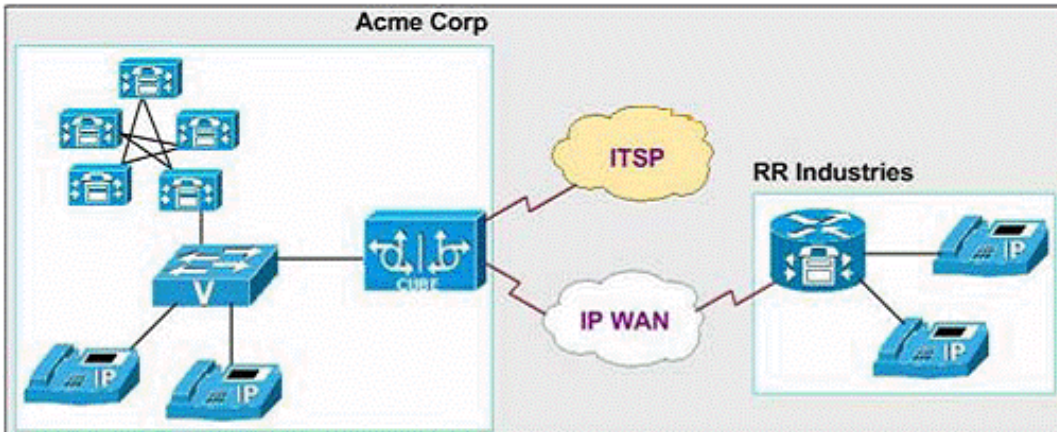
service voice voip
allow-connections h323 to h323
allow-connections h323 to sip
allow-connections sip to sip
allow-connections sip to h323

A

service voice voip
allow-connections h323 to h323
allow-connections h323 to sip

B

voice service voip
allow-connections h323 to h323
allow-connections h323 to sip
allow-connections sip to h323

C

voice service voip
allow-connections h323 to h323
allow-connections h323 to sip

D

Answer:

service voice voip
allow-connections h323 to h323
allow-connections h323 to sip
allow-connections sip to sip
allow-connections sip to h323

A

service voice voip
allow-connections h323 to h323
allow-connections h323 to sip

B

voice service voip
allow-connections h323 to h323
allow-connections h323 to sip
allow-connections sip to h323

C

voice service voip
allow-connections h323 to h323
allow-connections h323 to sip

D

Explanation:

Acme Corp

ITSP

RR Industries

IP WAN

A
service voice voip
allow-connections h323 to h323
allow-connections h323 to sip
allow-connections sip to sip
allow-connections sip to h323

B
service voice voip
allow-connections h323 to h323
allow-connections h323 to sip

C
voice service voip
allow-connections h323 to h323
allow-connections h323 to sip
allow-connections sip to h323

D
voice service voip
allow-connections h323 to h323
allow-connections h323 to sip

QUESTION NO: 15

Which two are types of Call Admission Control? (Choose two.)

A. Local
B. QoS-based
C. Resource-based
D. Topology-based
E. Gateway zone bandwidth
F. Gatekeeper-controlled RSVP

Answer: A,C

QUESTION NO: 16

Using a standalone IOS gateway, which three steps are necessary to implement COR? (Choose three.)

A. Configure SRST.
B. Define COR labels.
C. Configure COR lists.