

# Cisco

## Exam 642-457

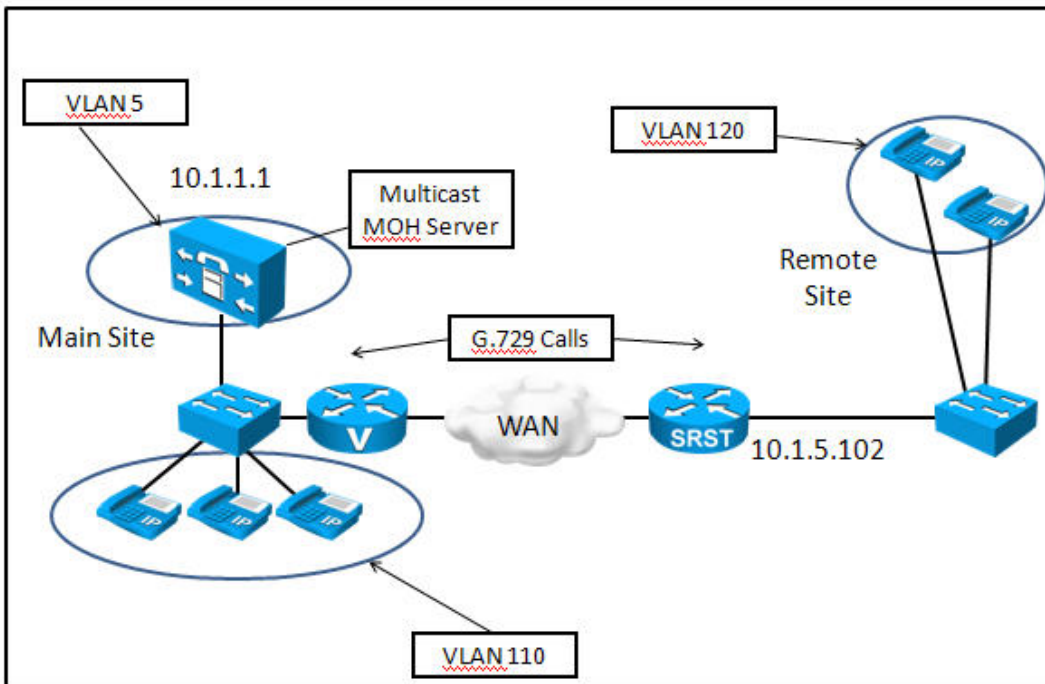
**Implementing Cisco Unified Communications Manager, Part 2 v8.0  
(CIPT2 v8.0)**

Version: 17.0

**[ Total Questions: 215 ]**

**Question No : 1**

Refer to the exhibit.



The remote site needs to run multicast MOH from flash. Which statement about the MOH server configuration in Cisco Unified Communications Manager is true?

- A. The MOH server must be enabled for G.729 in the Cisco IP Voice Media Streaming Application service parameters.
- B. Multicast MOH can use only G.711. So you must configure the command codec G711ulaw under the call-manager-fallback configuration at the remote site router.
- C. The MOH for the remote site is a standalone configuration. No extra configuration is required on the Cisco Unified Communications Manager MOH server.
- D. Configure a separate region for the MOH server. The codec between the MOH region and all other regions should be specified as G.711. Apply the MOH region through a device pool at the MOH server configuration page.
- E. Configure the location setting for the MOH server to 80 Kbps. This configuration forces the MOH server to use G.711 for the remote site.

**Answer: D**

**Question No : 2**

Which statement is not true about GARP? (Source: Hardening the IP Phone)

- A. GARP attacks require access to the target LAN or VLAN.
- B. GARP can be used for a man-in-the-middle attack.
- C. GARP is normally used for HSRP.
- D. GARP can be disabled at Cisco IP phones.

**Answer: C**

**Explanation:** Incorrect answer: ABD

GARP (Gratuitous ARP) announce the presence of IP Phone on the network.

Link:

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucm/security/4\\_0\\_1/secuphne.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/security/4_0_1/secuphne.html)

### Question No : 3

Refer to the exhibit.

```
voice moh-group 1
 moh flash:moh1.au
 description MOH: customer services
 multicast moh 239.1.1.1 port 16384
 extension-range 1000 to 1099
 extension-range 1300 to 1399
!
voice moh-group 2
 moh flash:moh2.au
 description MOH: marketing
 multicast moh 239.1.1.2 port 16384
 extension-range 3000 to 3099
!
call-manager-fallback
 moh-file-buffer 5000
 moh flash:default.wav
 multicast moh 239.1.1.3 port 16384
```

What music on hold audio source will be heard if a user at extension 1372 places the user at extension 3041 on hold?

- A. moh2.au
- B. moh1.wav

- C. default.wav
- D. moh2.wav
- E. moh1.au

**Answer: E**

**Explanation:**

Extension 1372 is in voice moh-group 1 and its moh that it uses to place people on hold is customer services moh moh1.au

**Question No : 4**

Which statement about SIP precondition is most correct?

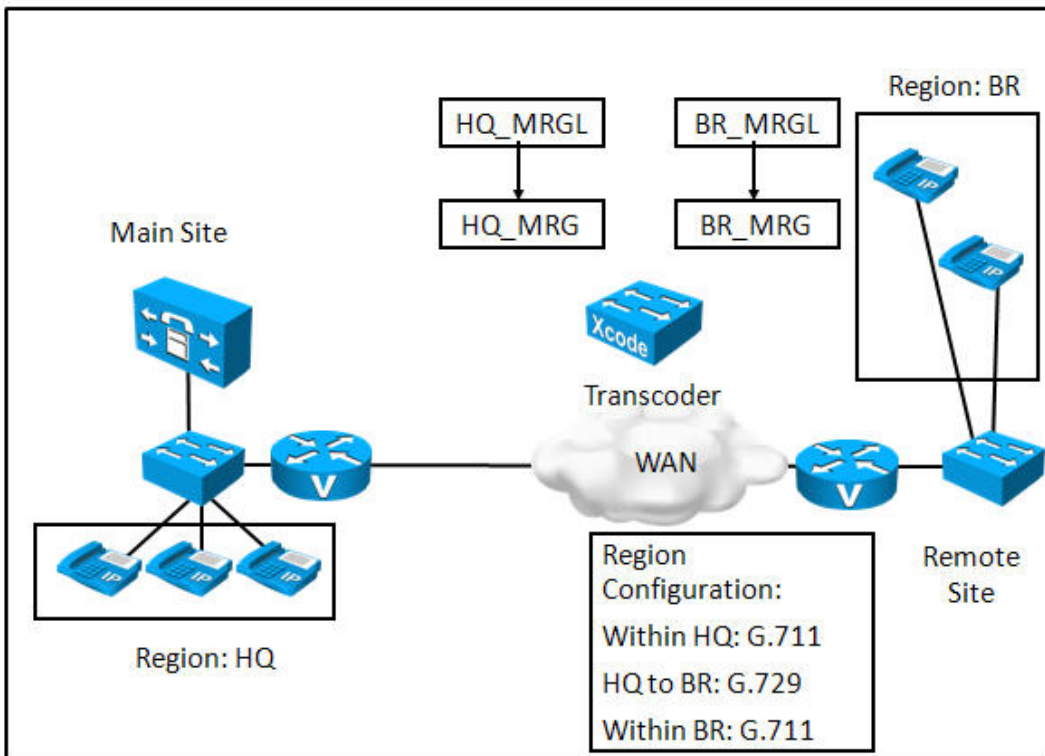
- A. When configuring SIP precondition, the SIP trunk must have access to an RSVP agent.
- B. When configuring SIP precondition, the IP phones must have access to an RSVP agent.
- C. When configuring SIP precondition, the IP phones and SIP trunk must have access to an RSVP agent.
- D. RSVP agents are only required for the IP phones. SIP trunks require RSVP agents only when fall back to local RSVP is configured.
- E. SIP trunk will always require RSVP agents regardless of what RSVP type is configured.

**Answer: D**

**Question No : 5**

Refer to the exhibit.

HQ\_MRGL is assigned to the HQ IP phones. BR\_MRGL is assigned to the BR IP phones. The remote site BR IP phones support only the G.711 codec. Where should the transcoder reside?



- A. The transcoder should reside at the HQ site and assigned to HQ\_MRGL.
- B. The transcoder should reside at the BR site and assigned to BR\_MRGL.
- C. The transcoder should be assigned to its own MRG, which should then be assigned to the default device pool.
- D. A transcoder is not needed. The HQ phones will automatically change over to the G.711 codec.

**Answer: B**

**Question No : 6**

Which option describes the reason that transcoding resources are added in Cisco Unified Communications Manager?

- A. to enable transcoding resources in a Cisco Unified Communications Manager server
- B. to enable Cisco Unified Communications Manager to select the optimal single codec for end-to-end calls
- C. to enable transcoding resources in Cisco IP Phones
- D. to provide transcoding resources in Cisco IOS gateways to Cisco Unified Communications Manager

**Answer: D**

**Question No : 7**

Which sign is prefixed to the number in global call routing?

- A. -
- B. +
- C. #
- D. @
- E. &
- F. \*

**Answer: B**

**Question No : 8**

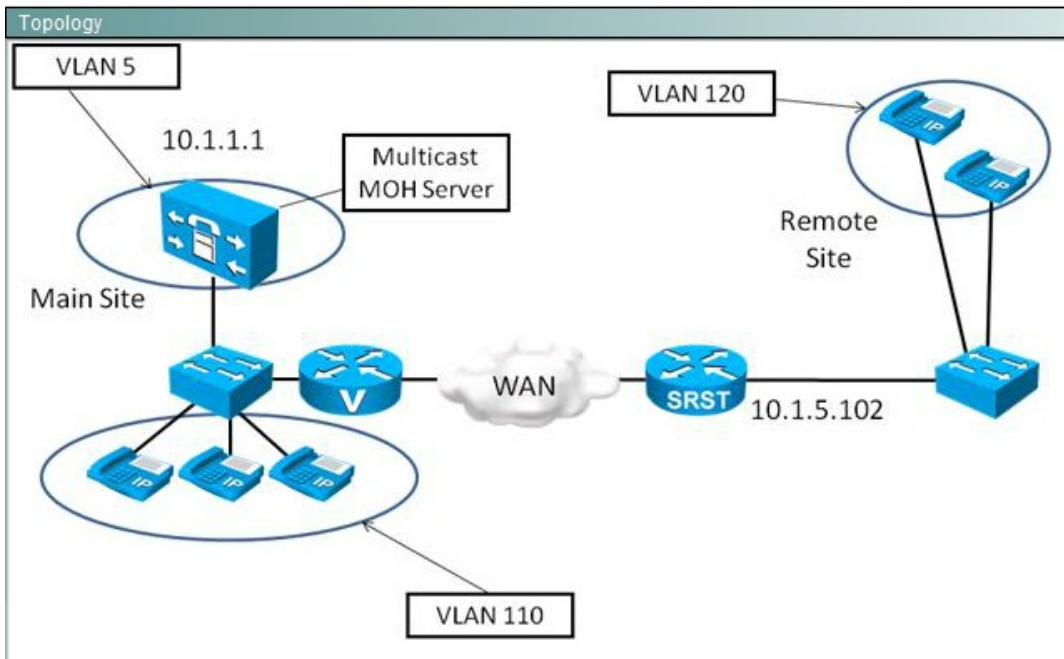
Which statement about the function of a gatekeeper is true?

- A. A gatekeeper improves call routing between servers within a single Cisco Unified Communications Manager cluster.
- B. A gatekeeper can replace the dial plan of a Cisco Unified Communications Manager cluster.
- C. A gatekeeper can simplify the dial plan between many different Cisco Unified Communications Manager clusters.
- D. Gatekeepers can be implemented to deploy RSVP-based CAC.

**Answer: C**

**Question No : 9**

Refer to the exhibit.



**MOH Server Config**

**Device Information**

Registration: Registered with Cisco Unified Communications Manager 10.1.5.10  
 IP Address: 10.1.5.10  
 Host Server\*: 10.1.5.10  
 Music On Hold Server Name\*: MOH\_2  
 Description: MOH\_CUCM801Pub1  
 Device Pool\*: Default  
 Location\*: Hub\_None  
 Maximum Half Duplex Streams\*: 250  
 Maximum Multi-cast Connections\*: 250000  
 Fixed Audio Source Device:  
 Use Trusted Relay Point\*: Off  
 Run Flag\*: Yes

**Multi-cast Audio Source Information**

Enable Multi-cast Audio Sources on this MOH Server  
 Base Multi-cast IP Address\*: 239.1.1.1  
 Base Multi-cast Port Number\*: 16384 (Even numbers only)  
 Increment Multi-cast on\*:  Port Number  IP Address

**Selected Multi-cast Audio Sources**

No.	Audio Source Name
1	SampleAudioSource

Save Reset Apply Config

To stream multicast MOH to the remote site across the WAN, what should the minimum value for the Max Hops be configured as?

- A. 1
- B. 2
- C. 3
- D. 4

**Answer: C**

**Explanation:**

The Max Hops field in the Music On Hold (MOH) Server Configuration window indicates the maximum number of routers that an audio source is allowed to cross. If max hops is set to zero, the audio source must remain in its own subnet. If max hops is set to one, the audio source can cross up to one router to the next subnet. Cisco recommends setting max hops to two.

Link:

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucm/admin/8\\_6\\_1/ccmfeat/fsmoh.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/admin/8_6_1/ccmfeat/fsmoh.html)

**Question No : 10**

Which two Cisco Extension Mobility attributes are available in the user device profile?  
(Choose two.)

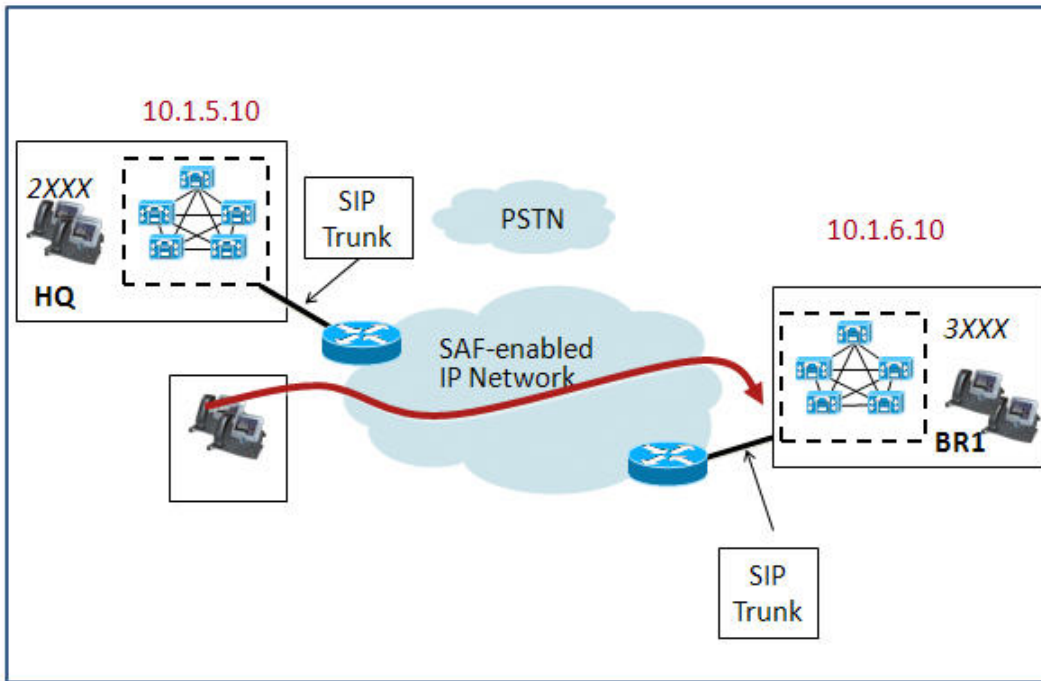
- A. regions
- B. description
- C. phone button template
- D. NTP information

**Answer: B,C**

**Question No : 11**

Refer to the exhibit.





What must be configured on the HQ Cisco Unified Communications Manager to allow HQ users to dial the SAF learned directory number pattern 3XXX?

- A. Route pattern 3XXX should be configured and made available to HQ users through the phone CSS.
- B. Route pattern 3XXX should be configured and made available to HQ phone users through the phone AAR CSS.
- C. The SAF partition assigned to the SAF learned patterns must be available to the HQ phone users through the phone CSS.
- D. The SAF partition assigned to the SAF learned patterns must be available to the HQ phone users through the phone AAR CSS.
- E. The SAF directory number pattern 3XXX will be made available to all users automatically as soon as the SAF partition is selected.

**Answer: C**

**Explanation:** Incorrect answer: ABD

By adopting the SAF network service, the call control discovery feature allows Cisco Unified Communications Manager to advertise itself along with other key attributes.

Link:

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucm/admin/8\\_6\\_1/ccmfeat/fscallcontrol\\_discovery.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/admin/8_6_1/ccmfeat/fscallcontrol_discovery.html)

**Question No : 12**

Which option configures call preservation for H.323-based SRST mode?

- A. voice service voip h323 call preserve
- B. call preservation not possible with H.323
- C. call-manager-fallback preserve-call
- D. dial-peer voice 1 voip call preserve

**Answer: A**

**Question No : 13**

Which action configures transcoding resources in Cisco Unified Communications Manager to function with branch office Cisco IP Phones?

- A. Configure the branch office IP phones with CSS and partitions.
- B. Configure the branch office IP phones with MRGs and MRGLs.
- C. Configure the branch office IP phones with regions.
- D. Configure the branch office IP phones with locations.

**Answer: B**

**Question No : 14**

Which two statements about remote survivability are true? (Choose two.)

- A. SRST supports more Cisco IP Phones than Cisco Unified Communications Manager Express in SRST mode.
- B. Cisco Unified Communications Manager Express in SRST mode supports more Cisco IP Phones than SRST.
- C. MGCP fallback is required for ISDN call preservation.
- D. MGCP fallback functions with SRST.

**Answer: A,D**

**Question No : 15**