



300-075^{Q&As}

Implementing Cisco IP Telephony and Video

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QUESTION 1

Which Cisco Unified Mobility setting enables or disables an incoming call to ring the desk phone and the remote destination at the same time?

- A. Mobility Profile
- B. Answer Too Soon timer
- C. Remote Destination Profile
- D. Enable Mobile Connect

Correct Answer: D

QUESTION 2

An MOH server is configured to stream a local .wav file that is located on its own hard disk drive. An external caller reports that they can only hear the TOH when they are placed on hold. Which two could be the problem? (Choose two.)

- A. The sound card is missing from the server.
- B. The music CD is corrupted.
- C. Insufficient bandwidth is configured.
- D. Unicast streams exceeded the maximum that was configured.

Correct Answer: CD

QUESTION 3

Which two tests can you perform to verify redundancy in the customer environment? (Choose two.)

- A. Verify that Cisco Unified IP phones running SCCP go into SRST mode when the WAN connection is disconnected.
- B. Verify that media resources fail over to a secondary subscriber server when the primary fails.
- C. Verify that the H.323 redundant connection is active in Cisco Unified Communications Manager.
- D. Verify that HSRP is active on the Cisco Unified Communications Manager subscriber servers.
- E. Verify that SCCP fallback is configured in Cisco Unified Communications Manager.

Correct Answer: AB

QUESTION 4

You recently implemented call redundancy at a new remote site, and users report that calls are dropped when the



remote site supposedly is in SRST.

Which two actions must you take to troubleshoot the problem? (Choose two.)

- A. Confirm that SRST is configured on the voice gateway.
- B. Confirm that the site has an SRST reference that is correctly associated with the Cisco Unified Communications Manager group.
- C. Confirm that a calling search space is assigned to the voice gateway in Cisco Unified Communications Manager.
- D. Confirm that the site devices are associated with a Cisco Unified Communications Manager group and that four Cisco Unified Communications Manager servers are available.
- E. Check the Region settings in Cisco Unified Communications Manager.
- F. Restart Cisco Unified Communications Manager services to confirm that the server is working correctly.

Correct Answer: AB

QUESTION 5

Which two configurations provide the best SIP trunk redundancy with Cisco Unified Communications Manager? (Choose two.)

- A. Configure all SIP trunks with DNS SRV
- B. Configure all SIP trunks with Cisco Unified Border Element
- C. Configure all SIP trunks to point to a SIP gateway
- D. Configure SIP trunks to be members of route groups and route lists
- E. Configure all SIP trunks to allow TCP ports 5060
- F. Configure all SIP trunks to point to a gatekeeper through SIP to H.323 gateway

Correct Answer: AD

For SIP trunks, Cisco Unified Communications Manager supports up to 16 IP addresses for each DNS SRV and up to 10 IP addresses for each DNS host name. The order of the IP addresses depends on the DNS response and may be identical in each DNS query. The OPTIONS request may go to a different set of remote destinations each time if a DNS SRV record (configured on the SIP trunk) resolves to more than 16 IP addresses, or if a host name (configured on the SIP trunk) resolves to more than 10 IP addresses. Thus, the status of a SIP trunk may change because of a change in the way a DNS query gets resolved, not because of any change in the status of any of the remote destinations.

QUESTION 6

Scenario:

There are two call control systems in this item.

The Cisco UCM is controlling the DX650, the Cisco Jabber for Windows Client, and the 7965 and 9971 Video IP



Phones.

The Cisco VCS and TMS control the Cisco TelePresence Conductor, the Cisco TelePresence MCU, and the Cisco Jabber TelePresence for Windows.

DNS Server:

```
ip dns server
ip host _cisco-uds._tcp.hq.cisco.com srv 1 1 8443 10.1.5.15
ip host _cisco-uds._tcp.hq.cisco.com srv 1 1 8443 10.1.5.16
ip host pub10x-hq.collab10x.cisco.com 10.1.5.15
ip host sub10x-hq.collab10x.cisco.com 10.1.5.16
ip host pub10x-hq.hq.collab10x.cisco.com 10.1.5.15
ip host sub10x-hq.hq.collab10x.cisco.com 10.1.5.16
ip host hq.cisco.com 10.1.5.1
```

Device Pool:

TSR Watermark Image - Unregistered version - This line is removed when registered

Status

i 3 records found

Device Pool (1-3 of 3)

Find Device Pool where Device Pool Name begins with Find Clear Filter + -

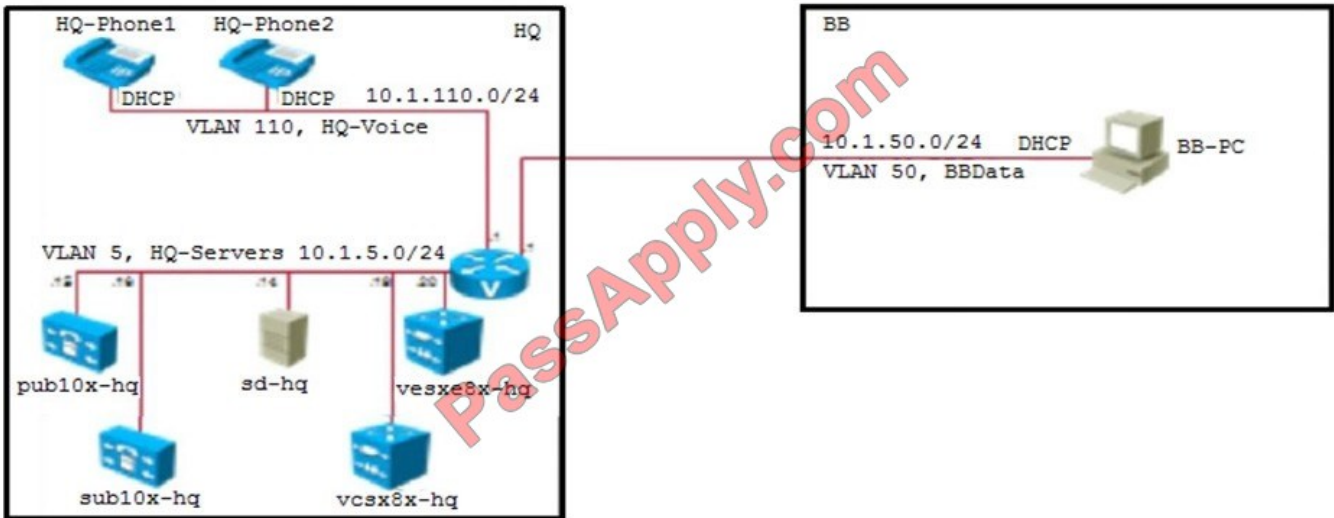
<input type="checkbox"/>	Name ^	Cisco Unified CM Group	Region	Date/Time
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	GSM	Default	GSM	CMLocal

Add New Select All Clear All Delete Selected

Expressway:

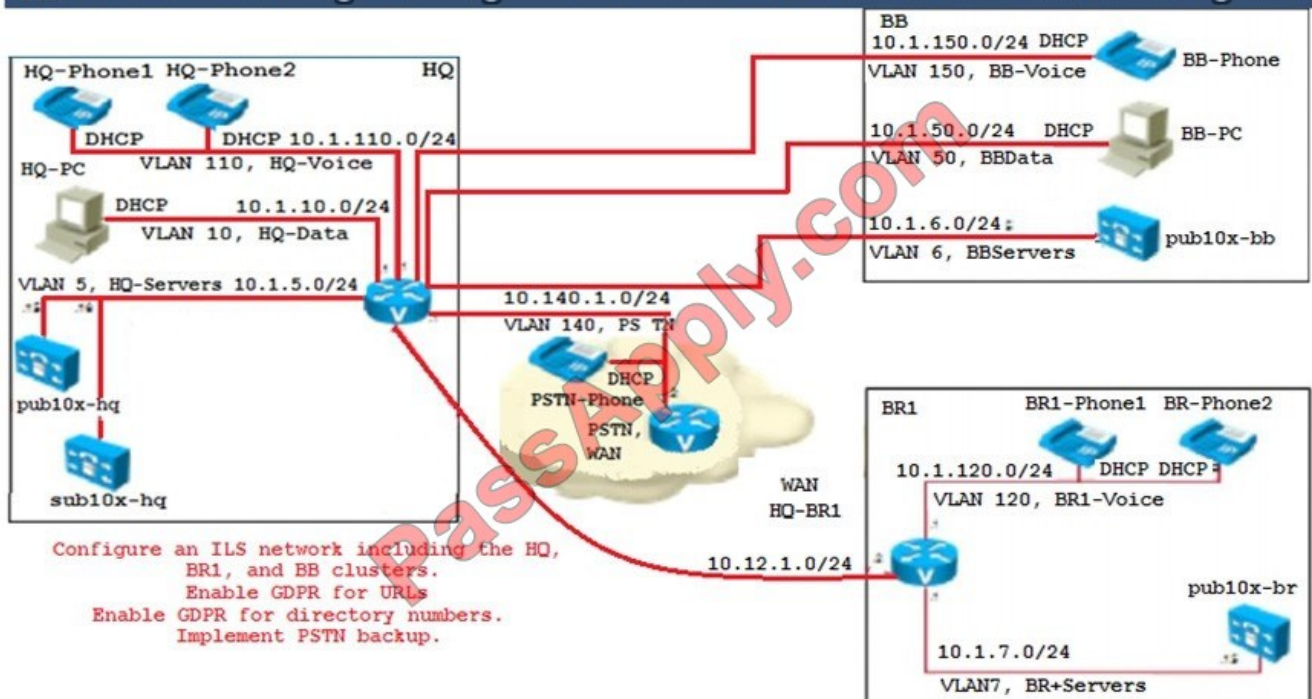


TSR Watermark Image - Unregistered version - This line is removed when registered



ILS:

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Locations:



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Locations (1 - 3 of 3)

Find Locations where Location begins with Find Clear Filter + -

<input type="checkbox"/>	
<input type="checkbox"/>	Hub_None
<input type="checkbox"/>	Phantom
<input type="checkbox"/>	Shadow

Add New Select All Clear All Delete Selected

MRA:

```
TSR Watermark Image - Unregistered version - This line is removed when registered
MRA
ip host collab-edge_tls.hq.cisco.com SRV 1 1 8443 vcsxe8x-
hq.hq.collab10x.cisco.com
ip host vcsxe8x-hq.hq.collab10x.cisco.com 10.1.5.20
```

Speed Dial:

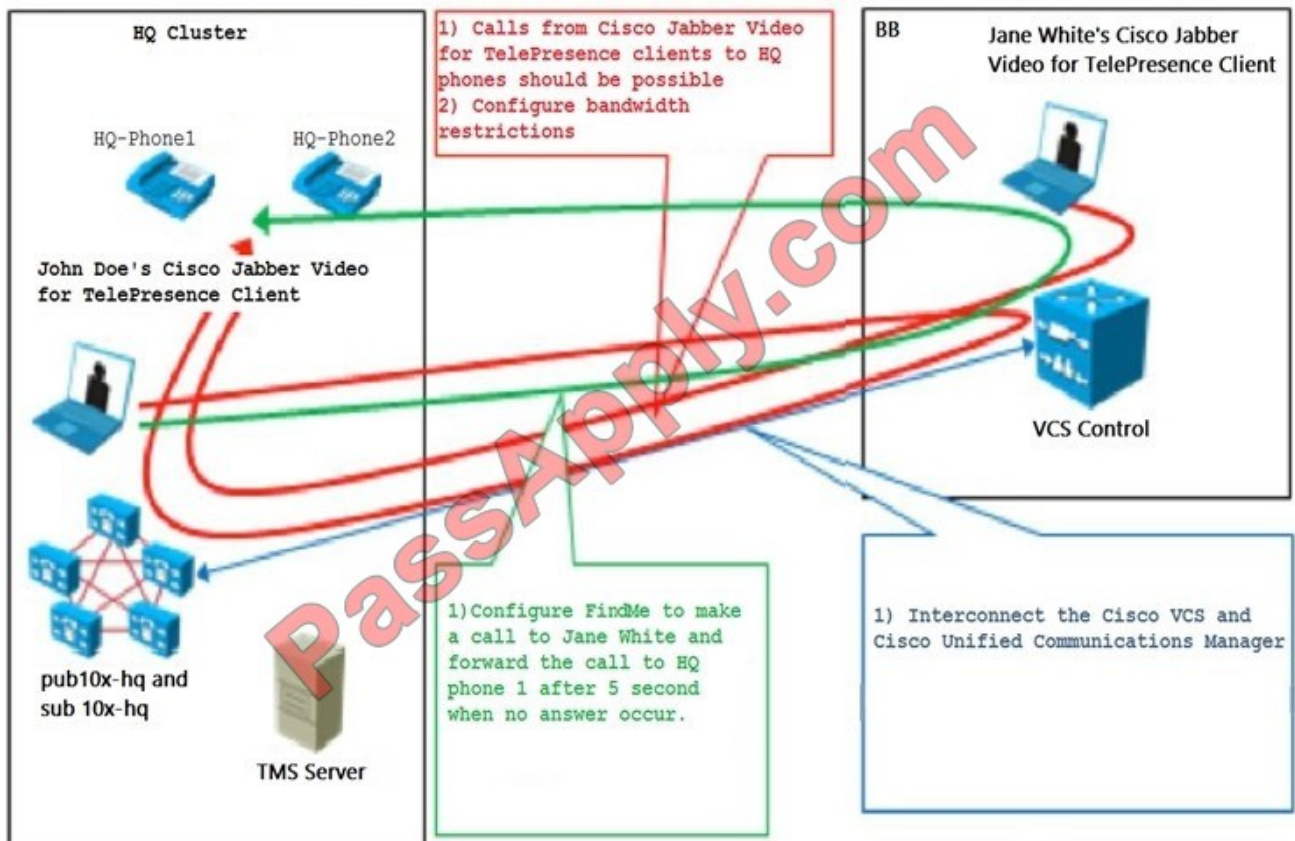
TSR Watermark Image - Unregistered version - This line is removed when registered

Phone	Speed Dial Button	Speed Dial Destination
HQ phone 1	1	hq2@cisco.lab
HQ phone 1	2	br1@cisco.lab
HQ phone 1	3	bb@cisco.lab
HQ phone 2	1	hq1@cisco.lab
HQ phone 2	2	br1@cisco.lab
HQ phone 2	2	br1@cisco.lab
HQ phone 2	3	bb@cisco.lab
HQ phone 1	1	hq1@cisco.lab
HQ phone 1	2	hq2@cisco.lab
HQ phone 1	3	bb@cisco.lab
BB phone	1	hq1@cisco.lab
BB phone	2	hq2@cisco.lab

SIP Trunk:



TSR Watermark Image - Unregistered version - This line is removed when registered



What two tasks must be completed in order to support calls between the VCS controlled endpoints and the Cisco Unified CM endpoints? (Choose two.)

- A. Media Resource Group List.
- B. Configure a SIP trunk on the Cisco Unified CM to point to the Cisco VCS.
- C. Configure a neighbor zone on the Cisco Unified CM to point to the Cisco VCS.
- D. Configure a SIP trunk on the Cisco VCS to point to the Cisco Unified CM.
- E. Configure a neighbor zone on the Cisco VCS to point to the Cisco Unified CM.

Correct Answer: BE

QUESTION 7

Company X has a Cisco Unified Communications Manager cluster and a VCS Control server with video endpoints registered on both systems. Users find that video endpoints registered on Call manager can call each other and likewise for the endpoints registered on the VCS server. The administrator for Company X realizes he needs a SIP trunk between the two systems for any video endpoint to call any other video endpoint. Which two steps must the administrator take to add the SIP trunk? (Choose two.)

- A. Set up a SIP trunk on Cisco UCM with the option Device-Trunk with destination address of the VCS server.
- B. Set up a subzone on Cisco UCM with the peer address to the VCS cluster.



- C. Set up a neighbor zone on the VCS server with the location of Cisco UCM using the menu option VCS Configuration > Zones > zone.
- D. Set up a SIP trunk on the VCS server with the destination address of the Cisco UCM and Transport set to TCP.
- E. Set up a traversal subzone on the VCS server to allow endpoints that are registered on Cisco UCM to communicate.

Correct Answer: AC

QUESTION 8

Refer to the exhibit.

```
voice service saf
  profile trunk-route1
  session protocol sip interface Loopback1 transport tcp port 5060
  !
  profile dn-block 1 alias-prefix 1972555
  pattern 1 type extension 4XXX
  !
  profile dn-block 2
  pattern 1 type global 14087071222
  !
  profile callcontrol 1
  dn-service
  trunk-route 1
  dn-block 1
  dn-block 2
  !
  !
  !
channel 1 vrouter SAF asystem 1
  subscribe callcontrol wilddcarded
  publick callcontrol 1
  !
```

Which CSS is used at the HQ Cisco Unified Communications Manager to reroute calls via the PSTN when the SAF network is unavailable?

- A. the phone device CSS
- B. the phone line CSS
- C. the phone line/device combined CSS
- D. the SAF CSS configured on the CCD requesting service
- E. the phone AAR CSS configured at the phone device
- F. No special CSS is required. If SAF patterns are accessible, the PSTN reroute is automatic.

Correct Answer: E



QUESTION 9

Which command does an engineer execute to find out the Cisco Unified Communications Manager database replication status in CLI?

- A. `utils dbreplication clusterrest`
- B. `utils dbreplication quickaudit`
- C. `utils dbreplication rebuild`
- D. `utils dbreplication runtimestate`

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/cli_ref/9_1_1/CUCM_BK_C6AE17AA_00_cucm-cli-reference-guide-91/CUCM_BK_C6AE17AA_00_cucm-cli-reference-guide-91_chapter_01001.html

QUESTION 10

An engineer is configuring URI calling within the same cluster. Which four actions must be taken to accomplish this configuration? (Choose four.)

- A. Configure SIP route patterns.
- B. Configure the directory URI partition and calling search space.
- C. Associate the directory URIs to directory numbers.
- D. Activate the URI service in Cisco Unified Serviceability.
- E. Configure SIP trunk.
- F. Assign directory URIs to users.
- G. Configure the SIP profile.
- H. Configure the URI service parameters.

Correct Answer: BCFG

Reference: http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/9_0_1/ccmsys/CUCM_BK_CD2F83FA_00_cucm-system-guide-90/CUCM_BK_CD2F83FA_00_system-guide_chapter_0101111.html

QUESTION 11

Company X has a primary and a backup Cisco Unified Communications Manager instance. The administrator had to do maintenance on the primary node and did a shutdown, which resulted in a failover to the backup node. What happens when the primary node comes back online?

- A. The primary node becomes the backup node.



- B. Endpoints detect that the primary is back and reregisters automatically.
- C. The backup node must be shut down first to allow the endpoints to realize that the primary node is online again.
- D. Nothing, the endpoints only failover when the node they lose connection to their registered node.

Correct Answer: B

QUESTION 12

Which statement about enrollment in the IP telephony PKI is true? (Source. Understanding Cisco IP Telephony Authentication and Encryption Fundamentals)

- A. CAPF enrollment supports the use of authentication strings.
- B. The CAPF itself has to enroll with the Cisco CTL client.
- C. LSCs are issued by the Cisco CTL client or by the CAPF.
- D. MICs are issued by the CAPF itself or by an external CA.

Correct Answer: A

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