Cisco

Exam 300-075

Implementing Cisco IP Telephony & Video, Part 2 v1.0

Version: 18.0

[Total Questions: 161]

Question No : 1

An engineer has configured a Cisco EX60 to register with a Cisco VCS-C, but the device is not showing up as registered. During troubleshooting, which component will the engineer likely find missing in the configuration?

A. gatekeeper
B. MCU
C. default gateway
D. TMS
E. DNS

Answer: A

Question No : 2

In a node-specific Service Advertisement Framework forwarder deployment model, what is the maximum number of Service Advertisement Framework forwarders that you can assign to a specific node?

A. 1
B. 2
C. 3
D. 4
E. 5
F. 6

Answer: B

Question No : 3

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.

Answer: B,C,F,H

Question No : 4

What happens when a user logs in using the Cisco Extension Mobility Service on a device for which the user has no user device profile?

A. The Extension Mobility log in fails.
B. The device takes on the default device profile for its type.
C. The user can log in but does not have access to any features, soft key templates, or button templates.
D. The device uses the first device profile assigned to the user in Cisco Unified Communications Manager.

Answer: B

Question No : 5

An engineer is configuring a SIP profile for Cisco VCS SIP trunk on Cisco Unified Communications Manager and enables the option "Use Fully Qualified Domain Name" in SIP Requests. Which result is achieved by enabling this option?

A.

Resolve FQDN using DNS type SRV record.

B.
Resolve FQDN using DNS type A record.
C.
Ensure FQDN is used in SIP Identity header.
D.
Ensure FQDN is used in SIP Request header.

Answer: C
Reference:

http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/8_6_1/ccmcfg/bccm-861cm/b06siprf.html

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Question No : 6

Which three messages does a Cisco VCS use to monitor the Presence status of endpoints?

(Choose three.)

A.
start-call
B.
in-all
C.
end-call
D.
call-ended
E.
call-started
F.
registration

Answer: B,D,F
Reference:

http://www.cisco.com/c/en/us/td/docs/telepresence/infrastructure/articles/vcs_monitors_presence_ status_endpoints_kb_186.html

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Question No : 7

Which two options for a Device Mobility-enabled IP phone are true? (Choose two.)
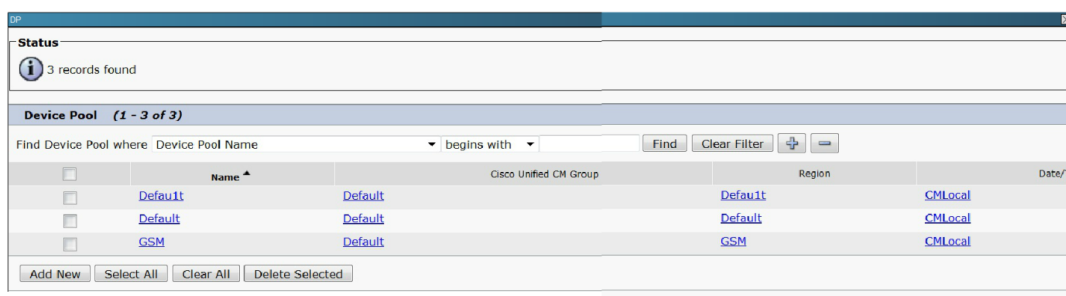
A. The phone configuration is not modified.
B. The roaming-sensitive parameters of the current (that is, the roaming) device pool are applied.
C. The user-specific settings determine which location-specific settings are downloaded from the Cisco Unified Communications Manager device pool.
D. If the DMGs are the same, the Device Mobility-related settings are also applied.

Answer: B,D

Question No : 8

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 9971 Video IP Phone.

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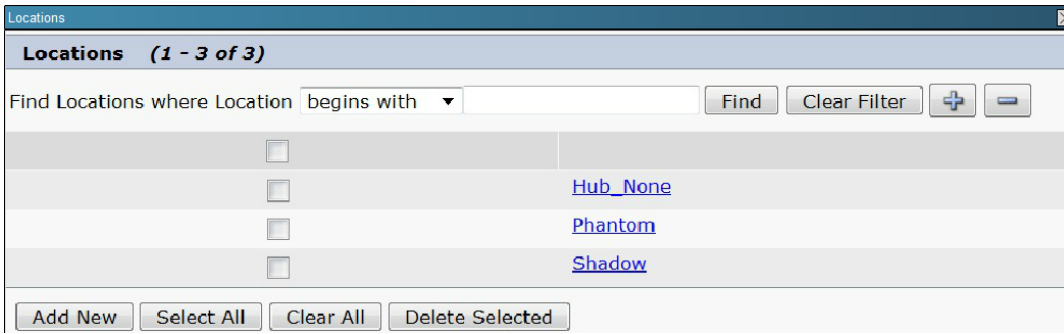
DP:

Locations:

Locations

Locations   (1 - 3 of 3)

Find Locations where Location [begins with ▼] [   ] [Find] [Clear Filter] [⊞] [⊟]

☐	
☐	Hub_None
☐	Phantom
☐	Shadow

[Add New] [Select All] [Clear All] [Delete Selected]

CSS:

CSS

Calling Search Space   (1 - 2 of 2)

Find Calling Search Space where [CSS Name ▼] [begins with ▼] [   ] [Find] [Clear Filter] [⊞] [⊟]

☐		CSS Name ▲
☐	A11-Devices	
☐	All-Devices	

[Add New] [Select All] [Clear All] [Delete Selected]

SRST:

SRST-BR2-Config:

SRST-BR2 Config

- **Name:** BR2

- **Port:** 2000

- **IP Address:** 10.1.5.15

- **SIP Network/IP Address:** 10.1.5.15

BR2 Config:

BR2 Config

```
voice service voip
 sip
  bind control source-interface
GigabitEthernet0/0/0.130
  bind media source-interface
GigabitEthernet0/0/0.130
registrar server
!
voice register global
 max-dn 1
 max-pool 1
!
voice register pool  1
  id network 10.1.130.0 mask 255.255.25
call-manager-fallback
  ip source-address 10.1.130.1
 max-dn 1 dual-line
 max-ephones 1
```
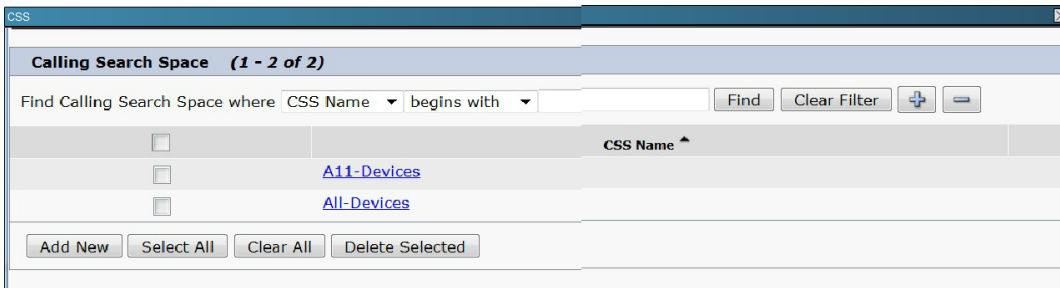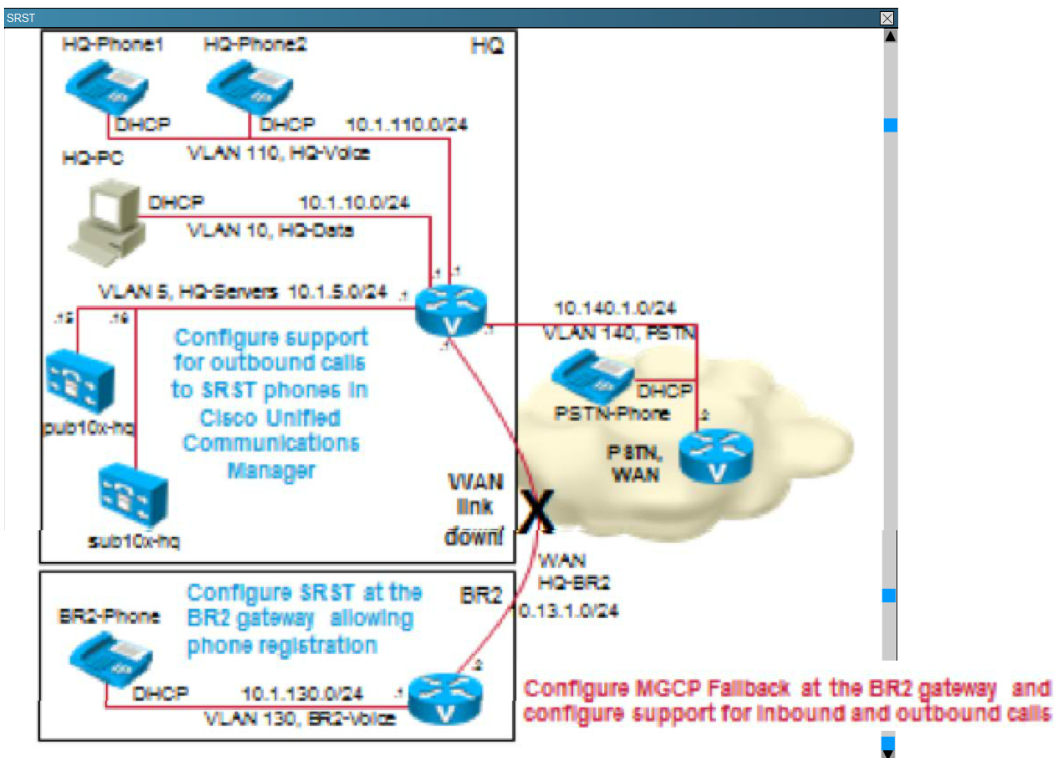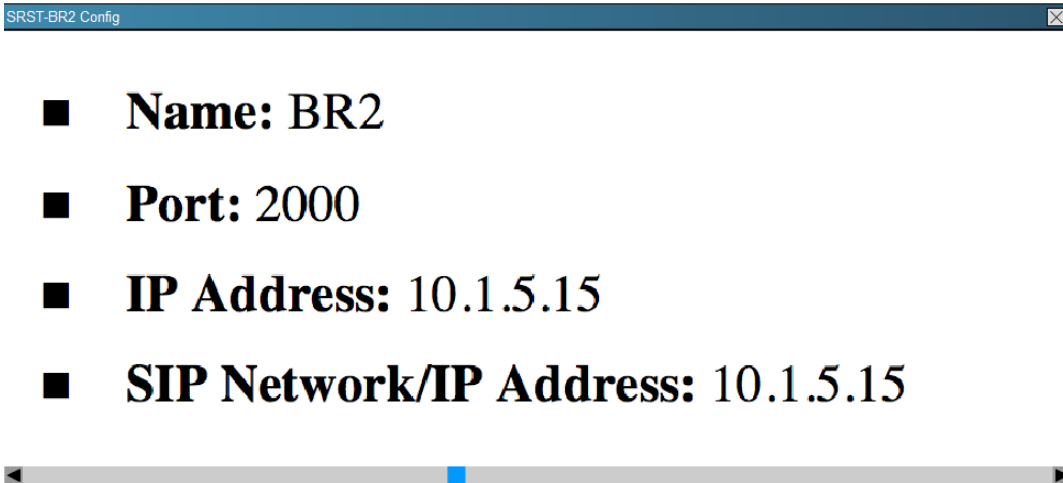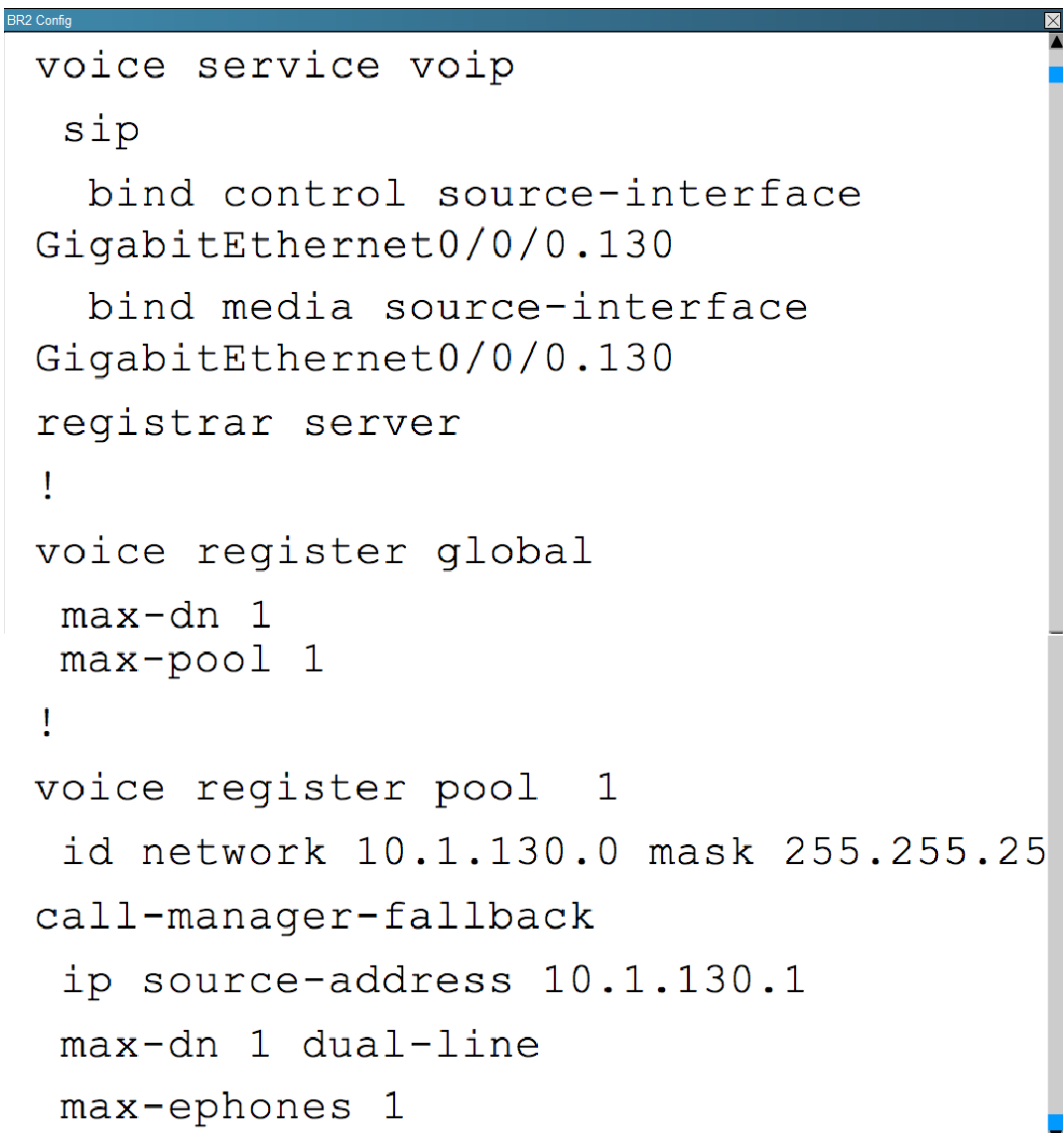
SRSTPSTNCall:

SRSTPSTNCall

At the HQ cluster, the CFUR for the directory number that is applied to BR2 phone (+442288224001) has been configured:

- Forward Unregistered Internal Destination: **+442288224001**

- Forward Unregistered Internal Calling Search Space: **System_css**

- Forward Unregistered External Destination: **+442288224001**

- Forward Unregistered External Calling Search Space: **System_css**

After configuring the CFUR for the directory number that is applied to BR2 phone (+442288224001), the calls fail from the PSTN. Which two of the following configurations if applied to the router, would remedy this situation? (Choose two.)

A. dial-peer voice 1 pots
incoming called-number 228822…
direct-inward-dial
port 0/0/0:15
B. dial-peer voice 1 pots
incoming called-number 228822…
direct-inward-dial
port 0/0/0:13
C. voice translation-rule 1
rule 1/228821....S//+44&/
exit
!
voice translation-profile pstn-in
translate called 1
!
voice-port 0/0/0:15
translation-profile incoming pstn-in
D. voice translation-rule 1
rule 1/228822....S//+44&/
exit
!
voice translation-profile pstn-in
translate called 1
!
voice-port 0/0/0:15
translation-profile incoming pstn-in
E. The router does not need to be configured.

Answer: A,D

Question No : 9

When implementing a Media Termination Point, what determines the number of sessions that is supported on each DSP?

A. the codecs that are used in universal transcoding mode
B. the size of the cluster that is being designed
C. the number of full-duplex media streams
D. the Cisco Unified Communications Manager node setting

Answer: A

Question No : 10

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

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

Answer: A,B,E

Question No : 11

Which action configures phones in site A to use G.711 to site B, but uses G.729 to site C?

A. Configure Cisco Unified Communications Manager regions.
B. Configure Cisco Unified Communications Manager locations.
C. Configure transcoder resources in Cisco Unified Communications Manager.
D. Configure a gatekeeper.

Answer: A

Question No : 12

Which two actions ensure that the call load from Cisco TelePresence Video Communication Server to a Cisco Unified Communications Manager cluster is shared across Unified CM nodes? (Choose two.)

A. Create a neighbor zone in VCS with the Unified CM nodes listed as location peer addresses.
B. Create a single traversal client zone in VCS with the Unified CM nodes listed as location peer addresses.
C. Create one neighbor zone in VCS for each Unified CM node.
D. Create a VCS DNS zone and configure one DNS SRV record per Unified CM node.
E. In VCS set Unified Communications mode to Mobile and remote access and configure each Unified CM node.

Answer: A,E

Question No : 13

Which statement about the function of the "+" symbol in the E.164 format is true?

A. The "+" symbol represents the international country code.
B. The "+" symbol represents the international call prefix.
C. The "+" symbol matches the preceding element one or more times.
D. The "+" symbol matches the preceding element zero or one time.

Answer: B

Question No : 14

Assume that local route groups are configured. When an IP phone moves from one device