642-427^{Q&As}

Troubleshooting Cisco Unified Communications v8.0 (TVOICE v8.0)

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QUESTION 1

Refer to the Exhibit.

Assuming that the two Cisco SAF Forwarders are adjacent to each other and that no SAF clients have been configured, which statement is true?

A. The Cisco SAF Forwarders will not establish a neighbor relationship because the service-family external-client configuration is missing

B. The Cisco SAF Forwarders will not establish a neighbor relationship because the eigrp label CUCME should be replaced with SAF

C. The Cisco SAF Forwarders will not establish a neighbor relationship because the service-family external-client configuration is missing as well as the static neighbor configurations

D. The Cisco SAF Forwarders will establish a neighbor relationship. No further configuration is required.

E. Cisco SAF Forwarders will not establish a neighbor relationship until the SAF clients are configured and registered to the Cisco SAF Forwarders

Correct Answer: D

QUESTION 2

Phone calls have been successful with acceptable audio quality over a WAN link. Recent configuration changes in the WAN routers have resulted in the inability to hear any audio on new calls across the WAN. Which configuration changes directly cause a loss of audio?

A. a WAN router access list that blocks all UDP ports greater than 10,000

B. a WAN router access list that blocks all UDP ports lesser than 10,000

C. a WAN router access list that blocks all TCP ports greater than 10,000

D. a WAN router access list that blocks all TCP ports lesser than 10,000

Correct Answer: A

QUESTION 3

Refer to the exhibit.

```
(output omitted)

ccm-manager fallback-mgcp
ccm-manager mgcp
ccm-manager music-on-hold
ccm-manager config server 10.10.10.100
ccm-manager config
!
mgcp call-agent 10.10.10.100 2427 service-type
mgcp
mgcp rtp unreachable timeout 1000 action
notify
mgcp modem passthrough voip mode nse
mgcp package-capability rtp-package
mgcp package-capability sst-package
mgcp package-capability pre-package
no mgcp package-capability res-package
no mgcp package-capability fxr-package
no mgcp timer receive-rtcp
mgcp sdp simple
mgcp rtp payload-type g726r16 static
!
mgcp profile default

gatekeeper
 no shutdown

dial-peer voice 911 pots
 destination-pattern 911
 port 0/0/0:23

call-manager-fallback
 max-ephones 40
 max-dn 80
 ip source-address 10.1.9.1 port 2000
 system message Acme Branch Office
 max-conferences 8 gain -6
 moh Acme_Announcement.au
 transfer-system full-consult

(output omitted)
```

A second Cisco Unified Communications Manager server of 10.10.10.101 was added along with the existing Cisco Unified CM server of 10.10.10.100. When Cisco Unified CM 10.10.10.100 is unavailable, the branch gateway fails to register. Which configuration change is needed to register the gateway to either Cisco Unified CM server?

A. Add the command ccm-manager redundant-host 10.10.10.101.

B. Add the command MGCP.

C. Increase the amount of bandwidth allocated in the low latency queuing for MGCP signaling traffic.

D. Remove the gatekeeper command because MGCP conflicts with H.323 on the voice gateway.

E. Add a voice dial peer to 10.10.10.101.

Correct Answer: A

QUESTION 4

Refer to the exhibits.

The HG_MRG that is shown in the exhibit is assigned to an MRGL, which is configured at the HQ phones. A call exists between two HQ phones that use G.711 codec. When one of the HQ users attempts to conference a BR phone across the

WAN, the conference fails.

The SDI trace shows an error "No transcoder device configured."

Which statement indicates the correct resolution or reason for the issue?

Bridge Status

Conference Bridges (1 - 2 of 2)

Find Conference Bridges where [Name ▾] [begins with ▾] [＿＿＿＿] [Find] [Clear Filter] [＋] [−]

☐	Conference Bridge Name ▲	Description	Device Pool	
☐	CFB_2	CFB_CUCM801Pub1	Default	Registered wit
☐	HQ_Conf	HQ_Conf	Default	Registered wit

[＿＿＿＿] [Find] [Clear Filter] [＋] [−]   Rows ⌐

Description	Device Pool	Status	IP Address
CFB_CUCM801Pub1	Default	Registered with 10.1.5.10	10.1.5.10
HQ_Conf	Default	Registered with 10.1.5.10	10.1.110.1

IOS Config

```
!
sccp local GigabitEthernet0/0.110
sccp ccm 10.1.5.10 identifier 1 version 7.0
sccp
!
sccp ccm group 1
 associate ccm 1 priority 1
 associate profile 1 register HQ_Conf
!
dspfarm profile 1 conference
 codec g711ulaw
 codec g711alaw
 codec g729ar8
 codec g729abr8
 codec g729r8
 codec g729br8
 maximum sessions 5
 associate application SCCP
!
!
```

MRG

Media Resource Group Information

Name* [MRG_HQ]

Description [＿＿＿＿]

Devices for this Group

Available Media Resources**
```
ANN_2
HQ_MTP
HQ_SIP_MTP
MOH_2[Multicast]
MTP_2
```
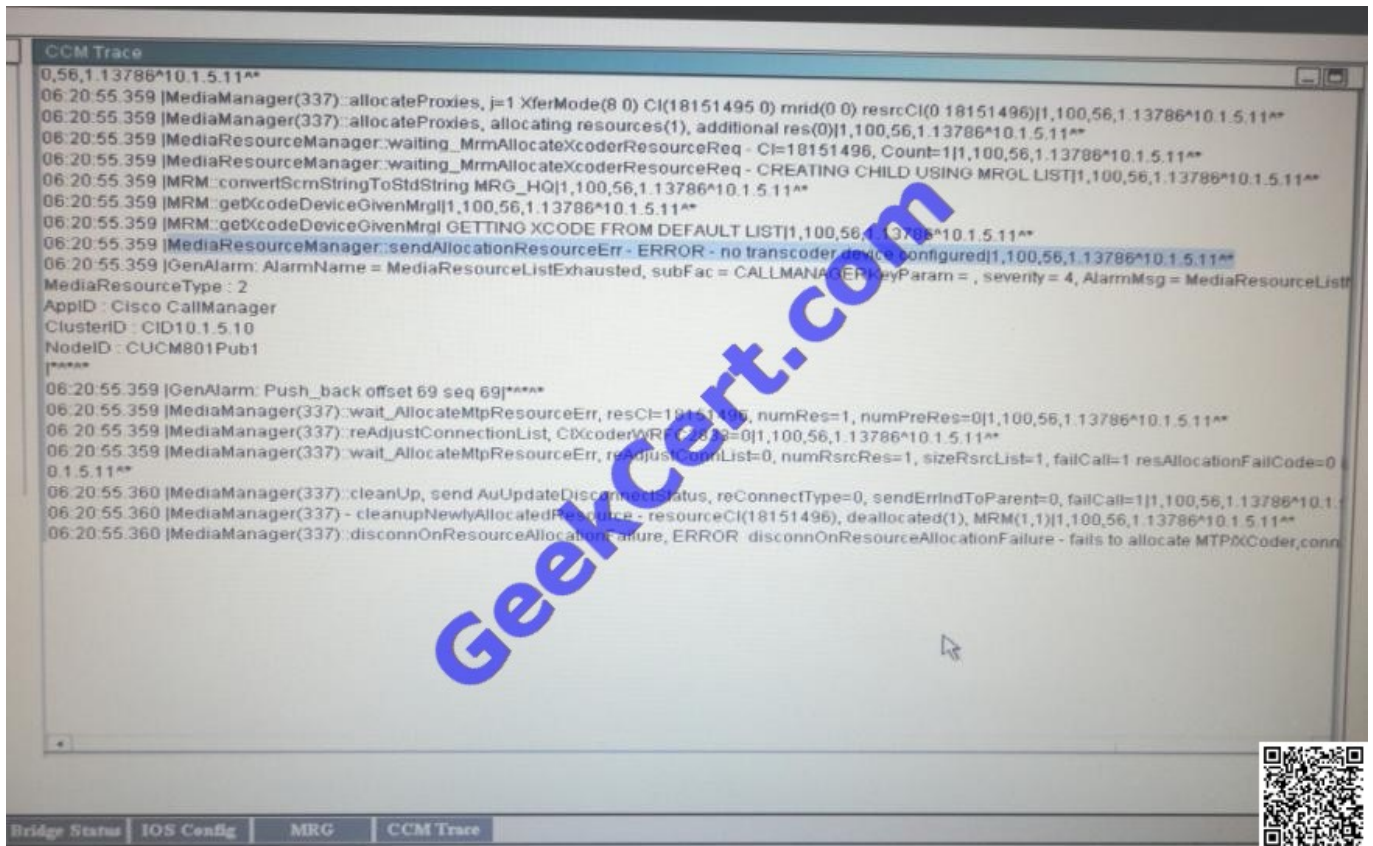
⌄ ⌃

Selected Media Resources*
```
CFB_2 (CFB)
HQ_Conf (CFB)
```

☐ Use Multi-cast for MOH Audio (If at least one multi-cast MOH resource is available)

D:\job\TestKing\Cisco\642-427\HYPERLINK

A. The BR phone does not have access to the HO_Conf bridge

B. The BR phone does not have access to the CFB_2 bridge

C. The BR phone does not have access to a transcoder

D. The CFB_2 bridge should be removed from the HQ_MRG and assigned to an MRG that is not assigned to an MRGL

E. The CFB_2 bridge should be listed last in the HO_MRG

Correct Answer: E

QUESTION 5

Which two commands can be used to troubleshoot transcoding issues on a Cisco IOS voice gateway? (Choose two.)

A. show voiceport summary

B. show running-config | include dspfarm

C. debug no logging voice

D. debug h245 asn1

E. show SCCP

F. debug h225 asn1

G. show ip interface brief

Correct Answer: BE

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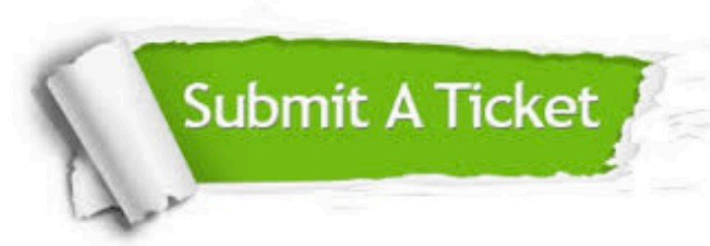To Read the Whole Q&As, please purchase the Complete Version from Our website.

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