



300-815^{Q&As}

Implementing Cisco Advanced Call Control and Mobility Services
(CLACCM)

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QUESTION 1

Refer to the exhibit.



Region Configuration Related Links:

Save Delete

Region Information

Name*

Region Relationships

Region	Audio Codec Preference List	Maximum Audio Bit Rate	Maximum Session Bit Rate for Video Calls	Maximum Session Bit Rate for Immersive Video Calls
Region B	Use System Default (Factory Default low loss)	8 kbps (G.729)	None	None
Region C	Use System Default (Factory Default low loss)	16 kbps (iLBC, G.728)	Use System Default (384 kbps)	Use System Default (2000000000 kbps)
Region D	Use System Default (Factory Default low loss)	64 kbps (G.722, G.711)	Use System Default (384 kbps)	Use System Default (2000000000 kbps)
NOTE: Regions not displayed	Use System Default	Use System Default	Use System Default	Use System Default

Media Resource Group Information

Name*

Description

Devices for this Group

Available Media Resources**

MOH_5
 MTP_3
 MTP_4
 MTP_5
 XCODER

v ^

Selected Media Resources*

ANN_2 (ANN)
 CFB_2 (CFB)
 MOH_2 (MOH)
 MTP_2 (MTP)

#CallManager SDL Logs

```
|AppInfo |DET-MediaManager- (22401) : :preCheckCapabilities, caps mismatch!
Xcoder Req'd. kbps(8),
  filtered A[capCount=0 {Cap,ptime}=], B[capCount=4 {Cap,ptime} = {11,220}
{12,220} {15,220} {9,270} ]
  allowMTP=0 numXcoderRequired=1 xcodingSide=1
|SdlSig      |MrmAllocateMtpResourceErr |waitResourcesAllocated
|MediaManager (6,100,144,22401)  MediaResourceManager (6, 100, 142, 1)
```



Regions have been configured for all major branches based on the available circuit bandwidth. Some calls from Region A endpoints to Region B endpoints are failing to connect. How is the issue resolved?

- A. Update the calling search space for affected endpoints to none.
- B. Update all regions to 8 kbps maximum audio bitrate.
- C. Increase the number of available media termination points.
- D. Add a media resource to transcode between available capabilities.

Correct Answer: D

Reference: <https://www.cisco.com/c/en/us/support/docs/unified-communications/unified-communications-manager-callmanager/200788-Call-Recording-Basic-Configuration-and-T.html>

QUESTION 2

Which built-in bridge configuration option can be set on the individual IP phones to ensure that the cluster-wide service parameter is used?

- A. automatic
- B. default
- C. on
- D. off

Correct Answer: B

QUESTION 3

Refer to the exhibit.



```
SIP/2.0 183 Session Progress
Via: SIP/2.0/UDP 192.168.100.100:5060
From: <sip:+123456789@192.168.100.100>;
To: <sip:987654321@192.168.100.200>
Date: Fri, 28 Jun 2019 08:30:32 GMT
Call-ID: fce8c980-d151d028-19cf3-325900a@192.168.100.100
CSeq: 101 INVITE
Require: 100rel
RSeq: 101
Allow: INVITE, OPTIONS, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFY, INFO, REGISTER
Contact: <sip:987654321@192.168.100.200:5060>
Content-Type: application/sdp
Content-Disposition: session;handling=required
Content-Length: 247

v=0
o=CiscoSystemsSIP-GW-UserAgent 4780 5245 IN IP4 192.168.100.200
s=SIP Call
c=IN IP4 192.168.100.200
t=0 0
m=audio 16384 RTP/AVP 8 101
c=IN IP4 192.168.100.200
a=rtpmap:8 PCMA/8000
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-15
a=ptime:20
```

While troubleshooting call failures on the Cisco Unified Border Element, an administrator notices that messages are being sent to the service provide, but there is no response. The administrator later learns that this SIP provider does not support PRACK. Which header should be removed from the SIP message to resolve this issue?

- A. Require: 100rel
- B. Content-Type: application/sdp
- C. Contact:
- D. Content-Disposition: session;handling=required

Correct Answer: A

QUESTION 4

An IP Telephony administrator is deploying IP phones. The administrator has an existing Cisco UCME router with several SCCP and SIP phones registered. The administrator receives a request for a new SIP phone with MAC address 1111.2222.3333 and directory number 2050 to be added in the Cisco UCME. Which two configurations should be added in CME to support this request? (Choose two.)



- A. **voice register pool 1**
id mac 1111.2222.3333
type 8941
number 2 dn 1
- B. **ephone 1**
mac-address 1111.2222.3333
type 8941
button 1:2
- C. **ephone-dn 2**
number 2050
- D. **voice register dn 2**
number 2050
- E. **voice register pool 1**
id mac 1111.2222.3333
type 8941
number 1 dn 2

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Correct Answer: DE

QUESTION 5

After configuring a Cisco CallManager Express with Cisco Unity Express, inbound calls from the PSTN SIP trunk receive a ring tone for 20 seconds and then a busy signal instead of voicemail. Which configuration fixes this problem?



- A. Router(config)# voice service voip Router(conf-voi-serv)#allow-connections h323 to h323
- B. Router(config)#dial-peer voice 2 voip Router(config-dial-peer)#no vad
- C. Router(config)# voice service voip Router(conf-voi-serv)#allow-connections voice-mail mod
- D. Router(config)# voice service voip Router(conf-voi-serv)#no supplementary-service sip moved-temporarily

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cusrst/admin/sccp_sip_srst/configuration/guide/SCP_and_SIP_SRST_Admin_Guide/srst_call_handling.html

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