



300-815^{Q&As}

Implementing Cisco Advanced Call Control and Mobility Services
(CLACCM)

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QUESTION 1

An administrator is configuring Cisco UCM and the system to send *.webex.com traffic to a Cisco UCM Session Management Edition cluster. The administrator wants to limit which endpoints can reach *.webex.com. Which two items must the administrator configure for the SIP route pattern? (Choose two.)

- A. calling party transformation
- B. partition of the SIP route pattern
- C. connected party transformation
- D. called party URI transformation
- E. destination SIP trunk of the SIP route pattern

Correct Answer: BE

QUESTION 2



- Pattern Definition

Translation Pattern:

Partition:

Description:

Numbering Plan:

Route Filter:

MLPP Precedence*:

Resource Priority Namespace Network Domain:

Route Class*:

Calling Search Space:

Use Originator's Calling Search Space

External Call Control Profile:

Route Option:

Route this pattern

Block this pattern

Provide Outside Dial Tone

Urgent Priority

Do Not Wait For Interdigit Timeout On Subsequent Hops

Route Next Hop By Calling Party Number

- Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask:

Prefix Digits (Outgoing Calls):

Calling Line ID Presentation*:

Calling Name Presentation*:

Calling Party Number Type*:

Calling Party Numbering Plan*:

DNA Analysis Output

Results Summary

Calling Party Information

- o Calling Party = 9195552304
- o Partition =
- o Device CSS =
- o Line CSS =
- o AAR Group Name =
- o AAR CSS =
- Dialed Digits = 914645555671
- Match Result = RouteThisPattern

Matched Pattern Information

- Called Party Number = 4645555671
- Time Zone = Etc/GMT
- End Device = PSTN_RL
- Call Classification = OffNet
- InterDigit Timeout = NO
- Device Override = Disabled
- Outside Dial Tone = NO

InterDigit Timeout =
Device Override =
Outside Dial Tone =

Call Flow

Route Pattern :Pattern=[2-9]XX[2-9]XXXXXX

- o Positional Match List =
- o DialPlan =

Route Filter

- o Require Forced Authorization Code = No
- o Authorization Level = 0
- o Require Client Matter Code = No
- o Call Classification =
- o PreTransform Calling Party Number = 9195551234
- o PreTransform Called Party Number = 4645555671

Calling Party Transformations

- External Phone Number Mask = YES
- Calling Party Mask =
- Prefix =
- CallingLineId Presentation = Default
- CallingName Presentation = Default
- Calling Party Number = 9195552304

ConnectedParty Transformations

Called Party Transformations

Refer to the exhibit. For long-distance calls, users must prefix their dialed number with "91". The translation pattern was created to strip the 91 as the PSTN expects a 10-digit number. The PSTN also requires the calling number to be set to 9195551234. However, the service provider has said calls with a different calling number are being received. How is this issue resolved?

- A. Change the partition of the translation pattern from none to pstn_pt.
- B. Disable Use Calling Party's External Phone Number Mask on the route pattern.
- C. Enable Force Authorization Code on the route pattern.
- D. Enable Use Calling Party's External Phone Number Mask on the translation pattern.

Correct Answer: B

QUESTION 3

An administrator discovers that employees are making unauthorized long-distance and international calls from logged-



off Extension Mobility phones when the authorized users are away from their desks. Which two configurations should the administrator configure in the Cisco UCM to avoid this issue? (Choose two.)

- A. Remove the long-distance and international pattern partitions from the calling search space of the physical phone.
- B. Add the long-distance and international pattern partitions to the calling search space of the physical phone directory number.
- C. Remove the long-distance and international pattern partitions from the calling search space of the device profile.
- D. Add the long-distance and international pattern partitions to the calling search space of the physical phone.
- E. Add the long-distance and international pattern partitions to the calling search space of the device profile

Correct Answer: AE

QUESTION 4

An administrator configured Cisco Unified Mobility to block access to remote destinations for certain caller IDs. A user reports that a blocked caller was able to reach a remote destination. Which action resolves the issue?

- A. Configure an access list.
- B. Configure Single Number Reach.
- C. Configure Mobile Voice Access.
- D. Configure a mobility identity.

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/10_5_2/ccmfeat/CUCM_BK_C3A84B33_00_cucm-feature-configuration-guide_1052/CUCM_BK_C3A84B33_00_cucm-feature-configurationguide_chapter_010.html

QUESTION 5

Users are reporting that several inter-site calls are failing, and the message "not enough bandwidth" is showing on the display. Voice traffic between locations goes through corporate WAN, and Call Admission Control is enabled to limit the number of calls between sites. How is the issue solved without increasing bandwidth utilization on the WAN links?

- A. Disable Call Admission Control and let the calls use the amount of bandwidth they require.
- B. Configure AAR to reroute calls that are denied by Call Admission Control through the PSTN.
- C. Reroute all calls through the PSTN and avoid using WAN.
- D. Configure Call Queuing so that the user waits until there is bandwidth available.

Correct Answer: B

**QUESTION 6**

Refer to the exhibit.

```
voice hunt-group 1 
  phone-display
  final 7777
  list 1002,1003,1005,1006,1010
  hops 3
  pilot 2222
```

DN 1003 was the last to ring during the most recent call. Which hunting method ensures that DN 1005 is presented with the next call when the hunt pilot is dialed?

- A. sequential
- B. call-blast
- C. peer
- D. parallel

Correct Answer: C

QUESTION 7

A company is using Cisco Jabber on-premises to make B2B calls on video. The calls are using Cisco Expressway-C and Expressway-E and have been configured in Cisco UCM to be able to call any URI on the internet. The Jabber client also

has voice enabled and must be able to call local, regional, and international numbers.

Where must Cisco UCM be configured to meet this requirement for URI dialing?

- A. Enter “!#” in the SIP route pattern.
- B. Enter “.*” in the route pattern section tied to a route group and list.
- C. Enter “*” in the SIP route pattern.
- D. Enter “!#” in the route pattern section tied to a route group and list.

Correct Answer: B

**QUESTION 8**

```
46282041.005 |09:18:16.331 |AppInfo |DET-RegionsServer::matchCapabilities-- savedOption=3,
PREF_NONE, regionA=(null) regionB=(null) latentCaps(A=0, B=0) kbps=8, capACount=1, capBCount=7

46282041.006 |09:18:16.331 |AppInfo |DET-MediaManager-(1698821)::checkAudioPassThru,
param(bPostMTPAllocation=0,chkTrp=1), capCount(1,7), mtpPT=1, aPT=2

46282041.007 |09:18:16.331 |AppInfo |DET-MediaManager-(1698821)::preCheckCapabilities,
region1=RTP_Reg, region2=SJ_Reg, Pty1 capCount=1 (Cap,ptime)=(4,20), Pty2 capCount=7 (Cap,ptime)=
(4,20) (2,20) (6,20) (11,20) (12,20) (15,20) (16,20)

46282041.008 |09:18:16.331 |AppInfo |DET-RegionsServer::matchCapabilities-- savedOption=0,
PREF_NONE, regionA=(null) regionB=(null) latentCaps(A=0, B=0) kbps=8, capACount=1, capBCount=7

46282041.009 |09:18:16.331 |AppInfo |RegionsServer: applyCodecFilterIfNeeded - no codecs remained
after filtering so restored original 0 caps
```

Refer to the exhibit. All calls from site A to site B are failing, and the issue has been identified as a media negotiation problem. Which configuration change resolves this issue?

- A. Increase the bandwidth allowance between the RTP_Reg and SJ_Reg regions to 64 kbps.
- B. Enable Early Offer on the SIP trunk.
- C. Create a new audio codec preference list with G.711 U-law 64k as the highest priority and apply it to RTP_Reg and SJ_Reg.
- D. Disable G.722 on all devices at both sites.

Correct Answer: C

QUESTION 9

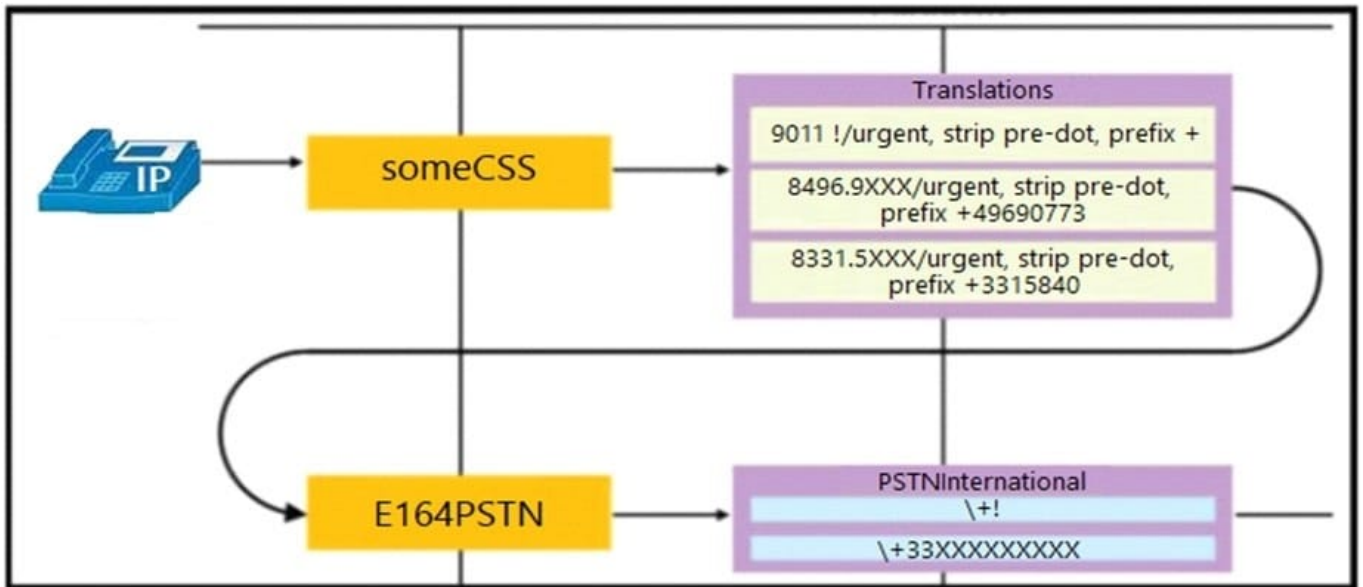
An administrator is trying to apply configuration changes on Cisco CME. When the users registered on Cisco CME to dial a local number to a PSTN call, the Cisco CME sends an incorrect number of digits. What translation rule fixes the issue and sends the correct number of digits?

- A. voice translation-rule 1 rule 1 // // type any subscriber plan any isdn
- B. voice translation-rule 1 rule 1 /^4...\$/ /2404\0/ type any national plan any isdn
- C. voice translation-rule 1 rule 1 /^4...\$/ /9132404\0/ type any subscriber plan any isdn
- D. voice translation-rule 1 rule 1 /^4...\$/ /2404\0/ type any subscriber plan any isdn

Correct Answer: C

**QUESTION 10**

Refer to the exhibit.



A user dials 84969010 and observes that the call is not routed immediately. The administrator notices that after matching the fixed-length translation pattern, the call hits the \+! pattern and waits for interdigit timeout. What should be configured to ensure that the call routes out immediately?

- A. Allow Device Override on the route pattern
- B. Do Not Wait For Interdigit Timeout On Subsequent Hops on the route pattern
- C. Do Not Wait For Interdigit Timeout On Subsequent Hops on the translation pattern
- D. Route Next Hop By Calling Party Number on the translation pattern

Correct Answer: C

QUESTION 11

Where on Cisco UCM does the administrator configure the standard local route group for a group of devices?

- A. System > Location Info
- B. Call Routing > Route/Hunt > Local Route Group Names
- C. System > Device Pool
- D. Call Routing > Emergency Location > Emergency Location (ELIN) Groups

Correct Answer: B



Reference: <https://www.uccollabing.com/configuring-standard-local-route-group-cucm/>

QUESTION 12

When configuring hunt groups, where does the administrator add the individual directory numbers that should be part of the group?

- A. route group
- B. line group
- C. hunt list
- D. hunt pilot

Correct Answer: B

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/12_0_1/systemConfig/cucm_b_system-configuration-guide-1201/cucm_b_system-configuration-guide-1201_chapter_010101.html

QUESTION 13

A customer is using a SIP trunk to route calls to ITSP. To decrease the possibility of downtime, the customer invested in a failover device. How does the customer ensure reachability to ITSP, so that if one device on ITSP fails, the calls will be routed to another device?

- A. Enable SIP Option Ping on the SIP profile.
- B. Monitor the link using network management tools, and if it fails, manually change the routing to another working device.
- C. Enable ANAT on the SIP profile.
- D. Enable transmit security status on the SIP security profile.

Correct Answer: A

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