

DUMPS ARENA

Implementing Cisco Advanced Call Control and Mobility Services (CLACCM)

Cisco 300-815

Version Demo

Total Demo Questions: 10

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Topic Break Down

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QUESTION NO: 1 - (DRAG DROP)

DRAG DROP

Drag and drop the commands from the bottom to the blanks in the code to implement a translation rule to allow only 11 digits to be received over a SIP trunk to a SIP provider. The Cisco UCM is currently sending calls to the Cisco Unified Border Element in E.164 format. Not all options are used.

Select and Place:

```
voice translation-rule 1000
[ ]
!
voice translation-profile STRIP-PLUS
translate [ ] [ ]
```

- | | |
|-------------|--------------|
| rule 1 /+// | calling |
| 100 | rule 1 /\+// |
| called | 1000 |

ANSWER:

```
voice translation-rule 1000
rule 1 /+//
!
voice translation-profile STRIP-PLUS
translate calling 1000
```

```
100
```

```
rule 1 /\+//
```

```
called
```

Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/voice/call-routing-dial-plans/61083-voice-transla-rules.html>

QUESTION NO: 2

Which services are needed to successfully implement Cisco Extension Mobility in a standalone Cisco Unified Communications Manager server?

- A. Cisco Extended Functions, Cisco Extension Mobility, and Cisco AXL Web Service
- B. Cisco CallManager, Cisco TFTP, and Cisco CallManager SNMP Service
- C. Cisco CallManager, Cisco TFTP, and Cisco Extension Mobility
- D. Cisco TAPS Service, Cisco TFTP, and Cisco Extension Mobility

ANSWER: C**Explanation:**

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_cucmfeature-configuration-guide_chapter_011101.html#CUCM_TK_A337E035_00

QUESTION NO: 3

```
voice translation-rule 84
rule 1 /\ ([2-9]..[2-9].....$)/ \2/
```

Refer to the exhibit. Users report that outbound PSTN calls from phones registered to Cisco UCM are not completing. The local service provider in North America has a requirement to receive calls in 10digit format. The Cisco UCM sends the calls to the Cisco Unified Border Element router in a globalized E.164 format. There is an outbound dial peer on Cisco Unified Border Element configured to send the calls to the provider. The dial peer has a voice translation profile applied in the correct direction but an incorrect voice translation rule applied. Which rule modifies DNIS in the format that the provider is expecting?

- A. rule 1 /\+([\^1].*)/ /011\1/
- B. rule 1 /\+1\([2-9]..[2-9].....\$)/ \1/
- C. rule 1 /\([2-9]..[2-9].....\$)/ \1/
- D. rule 1 /\+1\([2-9]..[2-9].....\$)/ \0/

ANSWER: B

QUESTION NO: 4

```
voice class codec 100
  codec preference 1 g711a1aw
  codec preference 2 g729r8
  codec preference 3 g729br8
  codec preference 4 g711u1aw
!
dial-peer voice 5002 voip
  session protocol sipv2
  session server-group 1
  incoming called-number 5...
  voice-class codec 100
  dtmf-relay rtp-nte
  no vad

m=audio 30104 RTP/AVP 0 9 124 116 18 101
a=rtpmap:0 PCMU/8000
a=rtpmap:9 G722/8000
a=rtpmap:124 iSAC/16000
a=rtpmap:116 iLBC/8000
a=maxptime:20
a=fmtp:116 mode=20
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=no
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-15
```

Refer to the exhibit. The Cisco Unified Border Element receives an INVITE matching inbound dial peer 5002. The outbound dial peer supports only iLBC, and a Local Transcoding Interface is allocated. Based on the configuration and SDP from the INVITE message, which codec is chosen by Cisco Unified Border Element for the inbound call leg?

- A. G.729r8
- B. G.711 A-law
- C. G.711 U-law
- D. G.729br8

ANSWER: C

QUESTION NO: 5

In Cisco UCM, globalized call routing is implemented and must confirm that it is correctly implemented without making a call. Which tool should be used for verification?

- A. Dialed Number Analyzer
- B. Real-Time Monitoring Tool
- C. SDI trace
- D. SDL trace

ANSWER: A

QUESTION NO: 6

What are two configuration features of the Client Matter Code setting in the route pattern configuration? (Choose two.)

- A. The Client Matter Code feature does not support overlap sending since the Cisco UCM cannot determine when to prompt the user for the code.
- B. Selecting the Allow Overlap Sending setting disables the Require Client Matter Code setting.
- C. Selecting the Allow Overlap Sending setting allows a user to select the Require Client Matter Code setting.
- D. The Client Matter Code feature supports overlap sending since the Cisco UCM can determine when to prompt the user for the code.
- E. The Client Matter Code feature provides the option to configure Authorization Level such as in the Forced Authorization Code.

ANSWER: A B

Explanation:

Reference:

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/10_0_1/ccmfeat/CUCM_BK_F3AC1C0F_00_cucm-features-services-guide-100/CUCM_BK_F3AC1C0F_00_cucm-features-services-guide-100_chapter_010000.pdf

QUESTION NO: 7

An administrator is troubleshooting call failures on an H.323 gateway via the CLI. To see signaling for media and call setup, which two debugs should the Administrator turn on? (Choose two.)

- A. H.323 messages
- B. H.225 asn1
- C. H.245 asn1
- D. H.225 media
- E. H.323 asn1

ANSWER: B C**QUESTION NO: 8**

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

ANSWER: B E**QUESTION NO: 9**

An engineer must implement call restriction to toll-free numbers using a class of restriction in a branch Cisco UCME. In which two places is the corlist incoming or cor incoming command configured?

(Choose two.)

- A. "voice register pool " configuration mode
- B. "ephone-dn " configuration mode
- C. "dial-peer cor custom " configuration mode
- D. "voice register global " configuration mode
- E. "telephony-service " configuration mode

ANSWER: A B**QUESTION NO: 10**

```
!  
dial-peer voice 10 voip  
description Inbound  
session protocol sipv2  
incoming called-number 2000  
dtmf-relay rtp-nte  
no vad  
!  
dial-peer voice 20 voip  
description Outbound  
destination-pattern 2.  
session protocol sipv2  
session target ipv4:192.168.100.101  
voice-class sip options-keepalive  
dtmf-relay rtp-nte  
!  
CUBE#show dial-peer voice summary  
dial-peer hunt 0  
      AD  
TAG  TYPE  MIN  OPER PREFIX  DEST-PATTERN  PRE  PASS  SESS-SER-GRP\  OUT  
10   voip  up   up          2000          0   syst  
20   voip  up   up          2.            0   syst  ipv4:192.168.100.101  busyout  NA  
                                         KEEPALIVE  VRF
```

Refer to the exhibit. A call made through the Cisco Unified Border Element to pilot 2000 is failing. What is causing the call to fail?

- A. The Cisco Unified Border Element is not receiving a response to its OPTION keepalives.
- B. The destination pattern is incorrect for the dialed number.
- C. VAD was not disabled on the outgoing dial peer.
- D. No codecs are configured on the dial peers.

ANSWER: D