Cisco

Exam Questions 300-815

Implementing Cisco Advanced Call Control and Mobility Services (CLACCM)

NEW QUESTION 1

```
SIP/2.0 200 OK
[..truncated..]
v=0
o=UAC 6107 7816 IN IP4 10.10.10.11
s=SIP Call
c=IN IP4 10.10.10.11
t=0 0
m=audio 8190 RTP/AVP 18 110
c=-IN IP4 10.10.10.11
a=rtpmap: 18 G729/8000
a=fmtp: 18 annexb=no
a=rtpmap:110 telephone-event/8000
a=fmtp: 110 0-16
a=ptime: 20

ACK sip:+123456789@10.10.20.20:5060 SIP/2.0
[..truncated..]
v=0
o=UAS 4692 9609 IN IP4 10.10.10.10
s=SIP Call
c=IN IP4 10.10.10.10
t=0 0
m=audio 8056 RTP/AVP 18
c=IN IP4 10.10.10.10
a=rtpmap: 18 G729/8000
a=fmtp: 18 annexb=no
a=ptime:20
```

Refer to the exhibit. Users report that when they dial to Cisco Unity Connection from an external network, they cannot enter any digits. Assuming only in-band DTMF is supported, what is a reason for this malfunction?

A. The negotiated RTP port is outside of the range described by RFC, so inband DTMFs do not work.
B. There is SIP Delayed Offe
C. DTMF is supported only in Early Offer.
D. The rtpmap:0 value for the negotiated codec is marking DTMF as inactive.
E. No DTMF is negotiated.

Answer: D

NEW QUESTION 2
A support engineer is troubleshooting a voice network. When conducting a search for call setup details related to calling search space issues, which trace files should be investigated?

A. CallManager traces
B. CTI Manager traces
C. Cisco IP Manager Assistant
D. Call logs

Answer: A

NEW QUESTION 3

```
voice translation-profile incoming
     translate called 999
!
voice translation-rule 999
     rule 1/\ (^[1-2] [1-2] [1-2]\ ) 333\ ([4-5] [4-5] .\) $ /  / \2333\1/
!
dial-peer voice 999 voip
     translation-profile outgoing incoming
     session protocol sipv2
     incoming called-number
     dtmf-relay rtp-nte
     codec transparent
     destination dpg 888
     no vad
!
voice class dpg 888
     dial-peer 888
!
dial-peer voice 888 voip
     destination-pattern 888
     session protocol sipv2
     session target ipv4:192.168.0.1
     codec transparent
     dtmf-relay rtp-nte
     no vad
```

Refer to the exhibit. Calls incoming from the provider are not working through newly set up Cisco Unified Border Element. Provider engineers get the 404 Not Found SIP message. Incoming calls are coming from the provider with called number "222333444" and Cisco Unified Communications Manager is expecting the called number to be delivered as "444333222". The administrator already verified that the IP address of the Cisco Unified CM is set up correctly and there are no dial peers configured other than those shown in the exhibit. Which action must the administrator take to fix the issue?

A. Change the destination-pattern on the outgoing dial peer to match "444333222".
B. Set up translation-profile on the incoming dial peer to match incoming traffic.

C. Create specific matching for "222333444" on the incoming dial peer.
D. Fix the voice translation-rule to match specifically number "222333444" and change it to "444333222".

Answer: B

NEW QUESTION 4

```
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 Unified Communications Manager are not completing. The local service provider in North America has a requirement to receive calls in 10-digit format. The Cisco Unified CM 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 is shown in the exhibit. Which rule modified 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

NEW QUESTION 5
Which IOS command creates a SIP- enabled dial peer?

A. voice dial-peer 20 sip
B. dial-peer voice 20 voip
C. dial-peer voice 20 pots
D. dial peer voice 20 sip

Answer: B

NEW QUESTION 6
A user in location X dials an extension at location Y. The call travels through a QoS-enabled WAN network, but the user experiences choppy or clipped audio. What is the cause of this issue?

A. missing Call Admission Control
B. codec mismatch
C. ptime mismatch
D. phone class of service issue

Answer: B

NEW QUESTION 7
Which two statements are correct with respect to the Client Matter Code setting in the route pattern configuration? (Choose two.)

A. The Client Matter Code feature does not support overlap sending because the Cisco Unified CM cannot determine when to prompt the user for the code.
B. If you check the Allow Overlap Sending check box, the Require Client Matter Code check box becomes disabled.
C. If you check the Allow Overlap Sending check box, you can also check the Require Client Matter Code check box.
D. The Client Matter Code feature does support overlap sending because the Cisco Unified Communications Manager can determine when to prompt the user for the code.
E. The Client Matter Code has the option to configure Authorization Level such as in the Forced Authorization Code.

Answer: AB

NEW QUESTION 8
In Cisco Unified Communications Manager, which tool do you use to check SIP traces?

A. MTP
B. CCSIP
C. RTMT
D. OS Administration Page
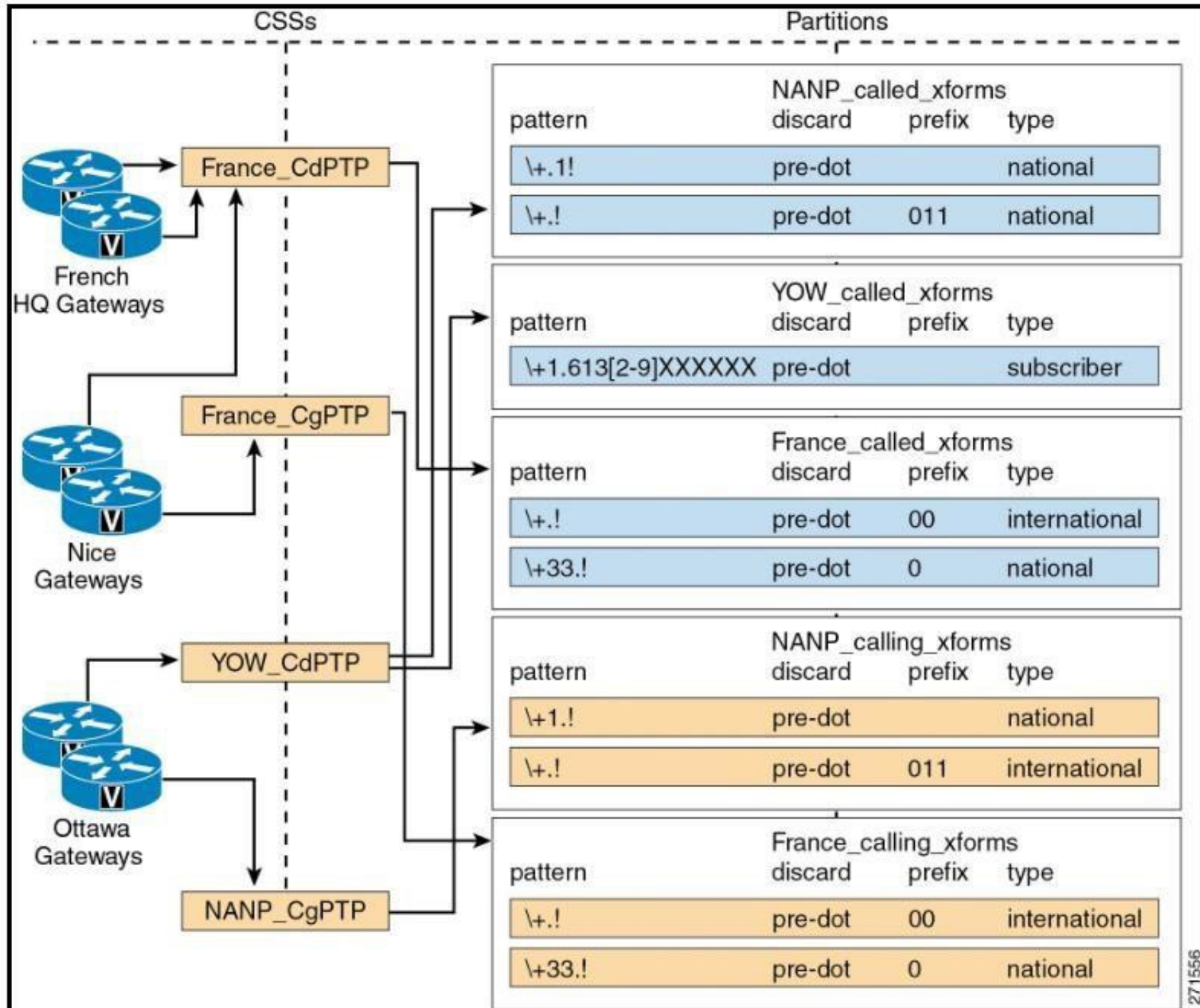
Answer: C

NEW QUESTION 9

Refer to the exhibit. Users report that when they dial the emergency number 9911 from any internal phone, it takes a long time to connect with the emergency operator. Which action resolves this issue?

A. Adjust the service parameter T302 timet to the desired value.
B. Adjust the service parameter T204 timer to the desired value.
C. Check the Urgent Priority check box under 9.911 pattern.
D. Point the emergency pattern directly to the PSTN gateway.

Answer: C

NEW QUESTION 10

Refer to the exhibit. Within the North American Numbering Plan, gateways located in Ottawa, Canada and marked as "YOW" are assigned to the Calling Party Transformation CSS NANP_CgPTP, which contains partition NANP_calling_xforms. What is the calling-party number and the numbering type if the calling user +1613-555-1234 dials the number?

A. calling number 613-555-1234 and numbering type "subscriber"
B. calling number 011-1-613-555-1234 and numbering type "subscriber"
C. calling number 011613-555-1234 and numbering type "international"
D. calling number 613-555-1234 and numbering type "national"

Answer: D

NEW QUESTION 10

Where on Cisco Unified Communications Manager do you 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

Answer: B

NEW QUESTION 12

How does an engineer globalize routing for ingress calls coming from the PSTN to internal DNs?

A. At the PSTN gateway, put the calling number in PSTN format and the called number in DN format.
B. At Cisco Unified CM, put the calling number in E.164 format and the called number in PSTN format.
C. At the PSTN gateway, put the calling number in E.164 format and the called number in localized (DN) format.

D. At Cisco Unified Communications Manager, put the calling number in E.164 format and the called number in E.164 format.
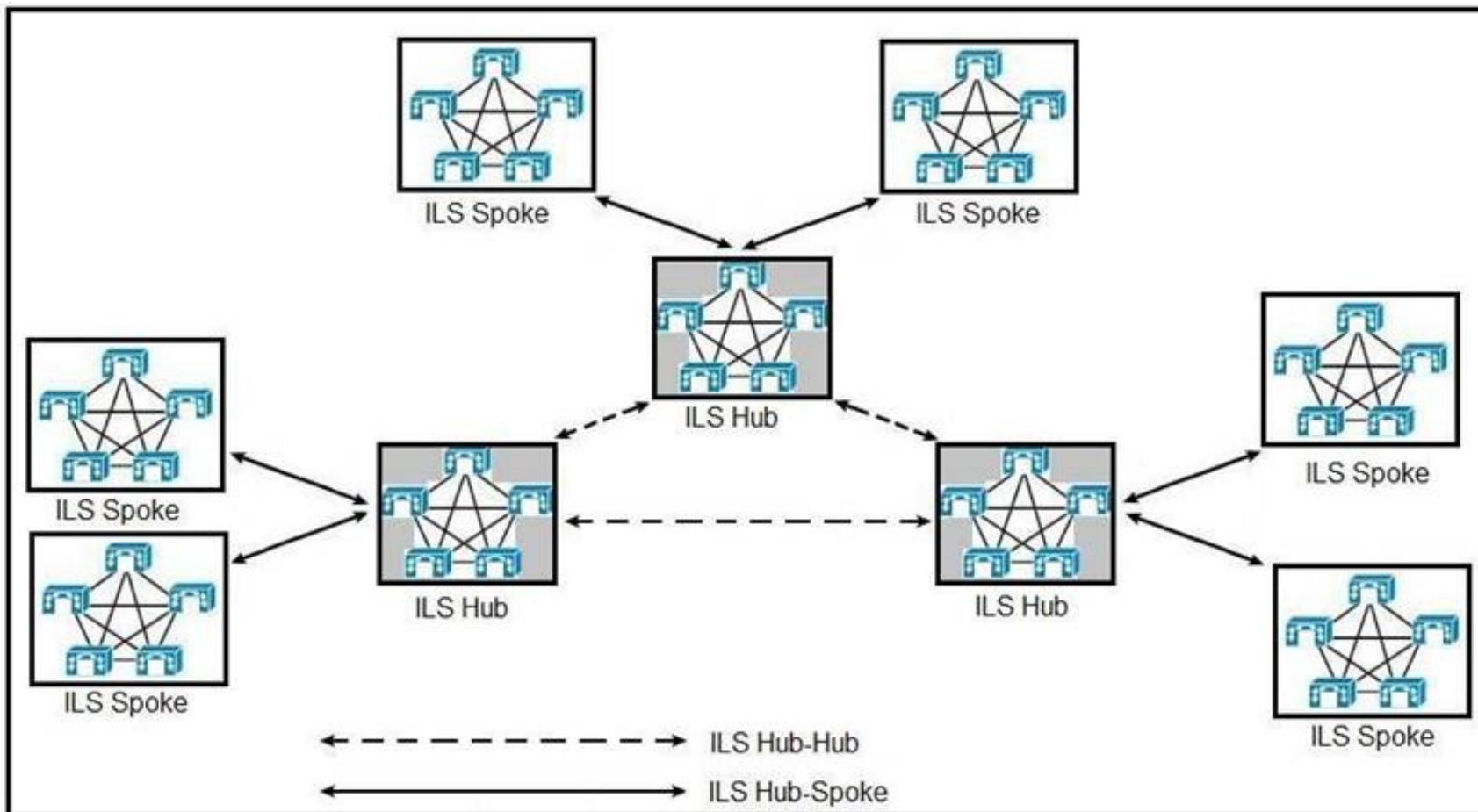
Answer: B

NEW QUESTION 16
An engineer is configuring a call park feature in Cisco Unified Communications Manager Express. Which command does the engineer use to ensure that the call is reverted to the user after 60 seconds?

A. R2(config-ephone-dn)#park reservation-group 60
B. R2(config-ephone-dn)#park-slot timeout 60 limit 2 recall alternate 3002
C. R2(config-ephone-dn)#park reservation-group 1
D. R2(config-ephone-dn)#park-slot timeout 30 limit 2 recall alternate 3002

Answer: B

NEW QUESTION 17

Refer to the exhibit. How many maximum hops can an ILS updarte traverse?

A. 3
B. 6
C. 9
D. 12

Answer: A

NEW QUESTION 21
A user reports that when they attempt to log out from the Cisco Extension Mobility service by pressing the Services button, they cannot log out. What is the most likely cause of this issue?

A. The Cisco Extension Mobility service has not been configured on the phone.
B. There might be a significant delay between the button being pressed and the Cisco Extension Mobility service recognizing i
C. It would be best to check network latency.
D. The user device profile has not been assigned to the user.
E. The user device profile is not subscribed to the Cisco Extension Mobility service.

Answer: D

NEW QUESTION 24
When the services key is pressed Cisco Extension Mobility does not show up. What is the cause of the issue?

A. The URL configured for Cisco Extension Mobility is not correct.
B. Cisco Extension Mobility Service is not running.
C. The phone is not subscribed to Cisco Extension Mobility Service.
D. Cisco Extension Mobility is not enabled in the Phone Configuration Window (Device > Phone)

Answer: C

NEW QUESTION 25
What are the elements for Device Mobility configuration?

A. physical location, device pool, and Device Mobility group

B. device pool, Device Mobility group, and region
C. physical locatio
D. Device Mobility group, and region
E. device pool, Device Mobility group, and Cisco IP phone

Answer: A

NEW QUESTION 29
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