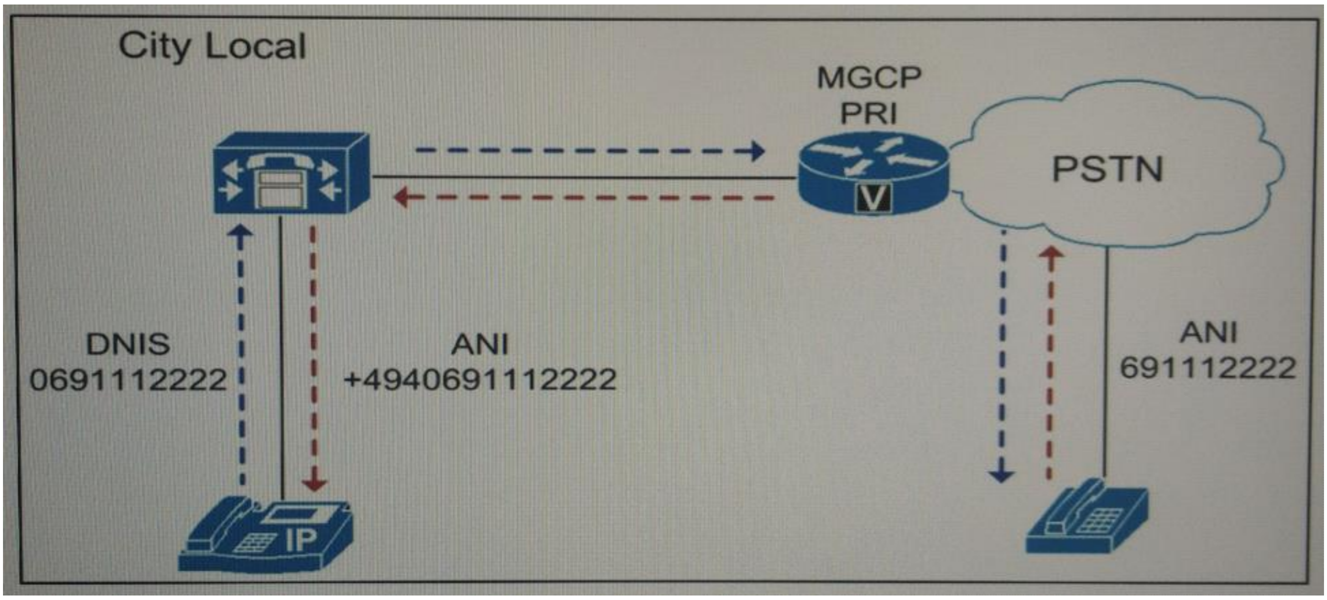
Exam : 400-051

Title : CCIE Collaboration Written

Vendor : Cisco

Version : DEMO

NO.1 Refer to the exhibit.



Refer to the exhibit. An engineer is working with globalization and has these requirements:

A. Set the subscriber number prefix with +4940.

B. allow redialing from the call history without manually manipulating the digit sting

C. Set the prefix digit with 0 and calling number type national.

D. Set the national number prefix with +4940.

E. Set the calling-party transformation pattern with \+4940.!, and discard digits preDot.

F. Set the prefix digit with 0 and calling number type subscriber

G. the ANI to be presented in the E.164 format to the phone on the Cisco Unified Communications Manger

H. Which three configuration steps in Cisco Unified Communications Manager are needed to meet these requirements? (Choose three)

I. Set the calling party transformation pattern with /+4940.! And discard digits preAT

Answer: E,G,H

NO.2 A client wants to play and compose voice messages from Microsoft Outlook. What is required for this functionality?

A. Single inbox with ViewMail.

B. Single inbox user message delivery with folder deletion.

C. Single inbox with mailboxes larger than 2 G

D. Single inbox synchronization with send and draft messages.

Answer: A

NO.3 Refer to the exhibit.

G.711 A-law Codec Enabled *	Disabled
G.711 mu-law Codec Enabled *	Enabled for All Devices
G.722 Codec Enabled *	Disabled
iLBC Codec Enabled *	Enabled for All Devices
iSAC Codec Enabled *	Enabled for All Devices
Default Intraregion Max Audio Bit Rate *	64 kbps (G.722, G.711)
Default Interregion Max Audio Bit Rate *	64 kbps (G.722, G.711)
Default Intraregion Max Video Call Bit Rate (Includes Audio) *	384
Default Interregion Max Video Call Bit Rate (Includes Audio) *	384
Use Video BandwidthPool for Immersive Video Calls *	True
Default Intraregion and Interregion Link Loss Type *	Low Loss
Default Audio Codec List between Regions *	Factory Default low loss
Default Audio Codec List within Region *	Factory Default low loss
Accept Audio Codec Preferences in Received Offer *	Off

Refer to the exhibit. What is the preferred audio codec for calls between different regions?

A. iSAC codec

B. G711ulaw codec

C. iLBC codec

D. low loss configured codec

Answer: B

NO.4 Which SIP request is used by Cisco Unified Communications Manager to signal DND status changes to a Cisco 9971 IP Phone?

A. UPDATE

B. NOTIFY

C. OPTIONS

D. INFO
E. REFER
Answer: E

NO.5 Which Software component in a Cisco Meeting Server deployment supports clustering for scalability and resilience?
A. Web Bridge
B. Web Admin
C. Database
D. XMPP Server
E. Call Bridge
F. TURN Server
Answer: E

NO.6 Exhibit:

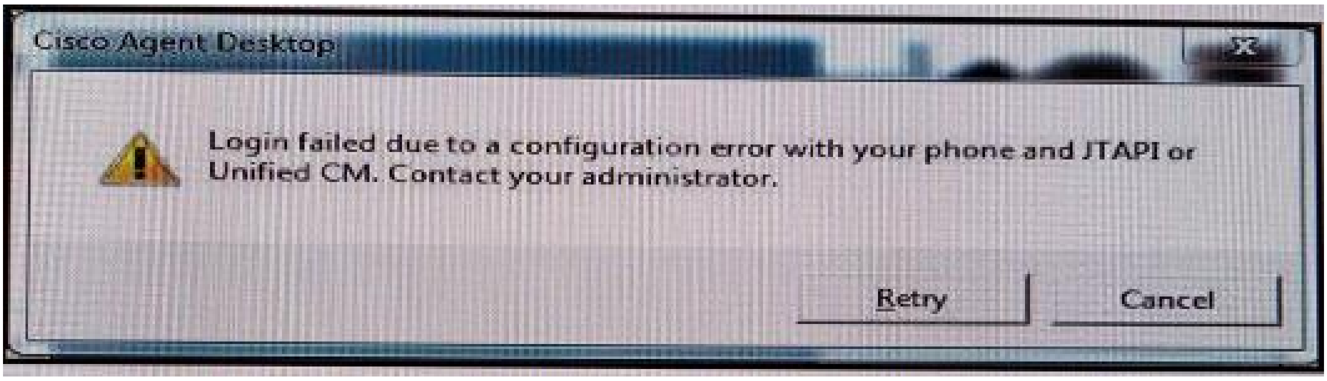
```
!
voice register dn 1
 number 2001
 call-forward b2bua busy 2100
 shared-line
 huntstop channel 6
!
voice register pool 1
 busy-trigger-per-button 4
 id mac 1111.1111.1111
 type 7965
 number 1 dn 1
!
voice register pool 2
 busy-trigger-per-button 5
 id mac 2222.2222.2222
 type 7965
 number 1 dn 1
!
```

How many simultaneous inbound calls can be handled by these two IP phones?
A. 9
B. 6
C. 2
D. 10
E. 4
Answer: C

NO.7 Which description of route list digit manipulation behavior in Cisco unified Communications Manager is true?
A. Called party transformations at route list level is not shown on the display of the calling phone
B. Called party transformation at route list level is replaced by called party transformations at route pattern level
C. Digit manipulations occur once per route list
D. Called part transformations at route list level is reflected on the display of the calling phone
E. Only called party transformation is available at route list level
Answer: D

NO.8 Which two are the requirements of database cluster client and server certificates when configuring database clustering on Cisco Meeting Servers? (Choose two.)
A. The CN of a database cluster client certificate must include the Call bridge server name
B. The CN of a database cluster client certificate must include the domain name of the Call Bridge
C. The CN of a database cluster client certificate must include the "postgres" keyword
D. The CN of a database cluster server certificate must include the FQDN of the Call Bridge
E. The CN of a database cluster server certificate must include the hostname of the Call Bridge
F. The CN of a database cluster server certificate must include the domain name of the Call Bridge
Answer: C,F

NO.9 When a SIP message does not contain the "Allow" header, what is the sender telling the receiver about supported SIP methods?
A. The sender supports all standard based SIP methods
B. It is malformed SIP message
C. It is coming from an intermediate SIP entity
D. The sender does not support any SIP methods
E. The sender is not providing any information on what methods it supports
Answer: E

NO.10 Refer to the exhibit:


Refer to the exhibit, which two are possible causes of the error message when an agent attempted to log into the Cisco Agent Desktop? (Choose two)
A. The RMCM subsystem is stuck in the initializing state.
B. The resource is not available under Cisco Desktop Administrator.

C. The incorrect extension was entered by the agent while logging onto Cisco Agent Desktop.
D. The IPCC extension is not associated with the end user.
E. The MAC of the agent phone is not associated with RMCM application user on the Cisco Unified Communications Manager.
Answer: A,E

NO.11 Refer to the exhibit.

```
Input Message
INVITE sip:2222@10.106.106.131:5060 SIP/2.0
Via: SIP/2.0/TCP 10.106.106.171:5060;branch=z9hG4bK8b337b7046
From: <sip:5000@10.106.106.171>;tag=67890~08d2afcc-154f-465b-
8999-1889b75f43d8-17576409
To: <sip:2222@10.106.106.131>
Date: Wed, 04 Nov 2015 10:21:52 GMT
Call-ID: dc44e580-6391dc40-4f-ab6a6a0a@10.106.106.171
Supported: timer,resource-priority,replaces
Min-SE: 1800
User-Agent: Cisco-CUCM10.5
Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER,
SUBSCRIBE, NOTIFY
CSeq: 101 INVITE
Expires: 180
Allow-Events: presence, kpml
Supported: X-cisco-srtp-fallback
Supported: Geolocation
Call-Info: <sip:10.106.106.171:5060>;method="NOTIFY;Event=telephone-
event;Duration=500"
Call-Info: <urn:x-cisco-remotecc:callinfo>;x-cisco-video-traffic-
class=VIDEO_UNSPECIFIED

Cisco-Guid: 3695502720-0000065536-0000000018-2875877898
Session-Expires: 1800
Diversion:
<sip:5002@10.106.106.171>;reason=unconditional;privacy=off;screen=yes
P-Asserted-Identity: <sip:5000@10.106.106.171>
Remote-Party-ID:
<sip:5000@10.106.106.171>;party=calling;screen=yes;privacy=off
Contact: <sip:5000@10.106.106.171:5060;transport=tcp>
Max-Forwards: 70
Content-Length: 0
```

```
Output Message
INVITE sip:2222@10.106.106.131:5060 SIP/2.0
Via: SIP/2.0/TCP 10.106.106.171:5060;branch=z9hG4bK8b337b7046
From: <sip:5002@10.106.106.171>;tag=67890~08d2afcc-154f-465b-
8999-1889b75f43d8-17576409
To: <sip:2222@10.106.106.131>
Date: Wed, 04 Nov 2015 10:21:52 GMT
Call-ID: dc44e580-6391dc40-4f-ab6a6a0a@10.106.106.171
Supported: timer,resource-priority,replaces
Min-SE: 1800
User-Agent: Cisco-CUCM10.5
Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER,
SUBSCRIBE, NOTIFY
CSeq: 101 INVITE
Expires: 180
Allow-Events: presence, kpml
Supported: X-cisco-srtp-fallback
Supported: Geolocation
Call-Info: <sip:10.106.106.171:5060>;method="NOTIFY;Event=telephone-
event;Duration=500"
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class=VIDEO_UNSPECIFIED

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<sip:5000@10.106.106.171>;party=calling;screen=yes;privacy=off
Contact: <sip:5000@10.106.106.171:5060;transport=tcp>
Max-Forwards: 70
Content-Length: 0
```

Refer to the exhibit. Which Cisco IOS SIP profile is valid for copying value from the "Diversion" header to the "From" header in a SIP INVITE message?
A. Option

```
voice class sip-profiles 1
 request INVITE sip-header Diversion copy "<sip:(.*)@.*" u01
 request INVITE sip-header From copy "<sip:(.*)@.*" u02
 request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\2<sip:\u01@\1"
```

B. Option

```
voice class sip-profiles 1
 request INVITE sip-header Diversion copy "<sip:(.*)@.*" u01
 request INVITE sip-header From copy "<sip:(.*)@.*" u02
 request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\1<sip:\u01@\1"
```

C. Option

```
voice class sip-profiles 1
 request INVITE sip-header Diversion copy "<sip:(.*)@.*" u02
 request INVITE sip-header From copy "<sip:(.*)@.*" u01
 request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\1<sip:\u01@\2"
```

D. Option

```
voice class sip-profiles 1
 request INVITE sip-header Diversion copy "<sip:(.*)@.*" u01
 request INVITE sip-header From copy ".*<sip:(.*)@.*" u02
 request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\1<sip:\u01@\2"
```

E. Option

```
voice class sip-profiles 1
 request INVITE sip-header Diversion copy "<sip:(.*)@.*" u01
 request INVITE sip-header From copy "<sip:(.*)@.*" u02
 request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\1<sip:\u02@\2"
```

Answer: D

NO.12 Refer to the exhibit.

```
SIP/2.0 200 OK
Call-ID: b8bdd5f22eacf87c@127.0.0.1
CSeq: 12049 SERVICE
From: <sip:serviceproxy@10.10.10.1>;tag=7be6e74dbefae446
To: <sip:serviceserver@10.10.10.1>;tag=58c07d2f83ea795b
From: <sip:72253001@ucmpub>;tag=081196545e6500020000428b-00005ddf
To: <sip:cucm>
Route: <sip:ucmpub;transport=tcp;lr>
<?xml version="1.0" encoding="utf-8"?> <methodResponse><params><id>1571751309</id><result>success</result>
<sa>50ff19a9493b1f5670f47225047a77ab</sa></params><methodName>DigestSA</methodName><version>1.0</version>
<msgid>1408286445</msgid></methodResponse>
```

Refer to the exhibit. Which Mobile Remote Access (MRA) solution component is the recipient of this SIP message?

A. CUCM

B. Expressway-E

C. Jabber client

D. IM&P

E. Expressway-C

Answer: B