Vendor: Cisco

Exam Code:642-457

Exam Name: Implementing Cisco Unified
Communications Manager, Part 2 v8.0 (CIPT2 v8.0)

Version: Demo

QUESTION 1

When you configure TEHO for long-distance calls and use the local PSTN gateways as fallback, how many route patterns do you require for a cluster with five sites that are located in different area codes?

A. 15 when not using a local route group

B. 6 when using a local route group

C. 5 when using a local route group

D. 10 when not using a local route group

Correct Answer: B

QUESTION 2

You have been asked to deploy Cisco Extension Mobility Cross Cluster for a distributed call processing environment. During the initial extension mobility login request, how does the visiting cluster determine if the user is a local user or a remote user?

A. by using a third-party automatic provisioning tool to verify user ID

B. by broadcasting a request to all clusters to verify the user type

C. from user IDs that are created by default when the user logs in

D. by using Extension Mobility Cross Cluster Session Initiation Protocol (SIP) trunks

E. by verifying against the local database

F. by verifying the visiting Trivial File Transfer Protocol

Correct Answer: E

QUESTION 3

How do RSVP-enabled locations differ from Cisco Unified Communications Manager locations?

A. RSVP is configured in the ISR independent of Cisco Unified Communications Manager.

B. RSVP enables AAR within Cisco Unified Communications Manager.

C. RSVP is topology aware.

D. RSVP is configured in Cisco Unified Communications Manager independent of the ISR.

Correct Answer: C

QUESTION 4

Which solution is needed to enable presence and extension mobility to branch office phones during a WAN failure?

A. SRST with MGCP fallback

B. SRST without MGCP fallback

C. Cisco Unified Communications Manager Express in SRST mode

D. SRST with VoIP dial peers to Cisco Unified Communications Manager Express

Correct Answer: C

QUESTION 5

Which two options enable routers to provide basic call handling support for Cisco Unified IP Phones if they lose connection to all Cisco Unified Communications Manager systems? (Choose two.)

A. SCCP fallback

B. Cisco Unified Survivable Remote Site Telephony

C. Cisco Unified Communications Manager Express

D. MGCP fallback

E. Cisco Unified Communications Manager Express in SRST mode

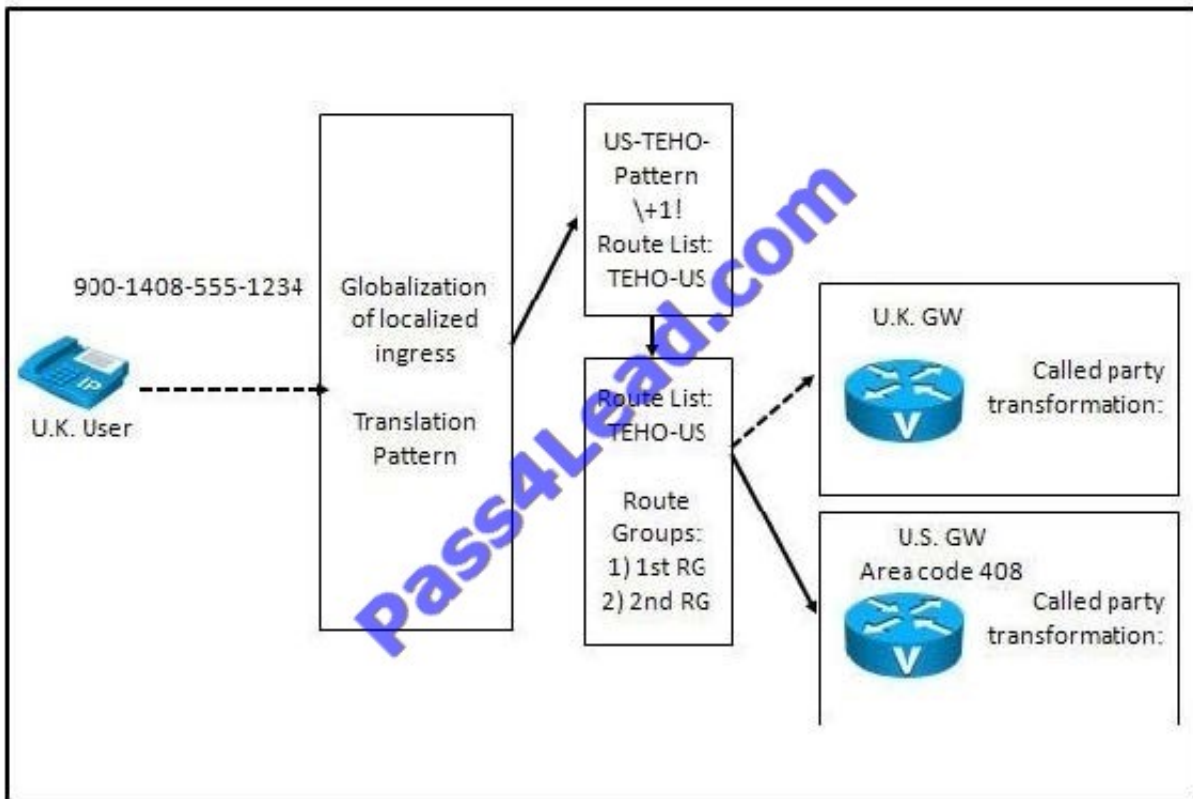Correct Answer: BE

QUESTION 6

Refer to the exhibit.

Assuming the regions configuration to BR only permits G.729 codec, how many calls are allowed for the BR location?

A. Total of four calls; two incoming and two outgoing.

B. Total of two calls in either direction.

C. Total of four calls to the BR location. Outgoing calls are not impacted by the location configuration.

D. Total of four calls in either direction.

E. Two outgoing calls. Incoming calls are unlimited.

Correct Answer: D

QUESTION 7

Refer to the exhibit.

The exhibit shows centralized Cisco Unified Communications Manager configuration components for TEHO calls to U.S. area code 408 from the U.K. The PSTN access code for the

A. K. is 9 and 001 for international calls to the U.S. To match the US-TEHO pattern \+!, how should the translation pattern be configured?

B. 9001.4085551234 with the Called Party Transformation: Discard Digits PreDot Prefix Digits Outgoing Calls: +

C. 9.0014085551234 with the Called Party Transformation: Discard Digits PreDot Prefix Digits Outgoing Calls: +1

D. 900.14085551234 with the Called Party Transformation: Discard Digits PreDot Prefix Digits Outgoing Calls: +1

E. 900.14085551234 with the Called Party Transformation: Discard Digits PreDot Prefix Digits Outgoing Calls: +

F. 001.4085551234 with the Called Party Transformation: Prefix Digits Outgoing Calls: +

Correct Answer: D

QUESTION 8

Which two options are effective mechanisms to restrict the maximum number of voice calls on a WAN link? (Choose two.)

A. Configure a gatekeeper with an SIP trunk.

B. Configure a gatekeeper and a gatekeeper-controlled trunk in Cisco Unified Communications Manager with bandwidth control.

C. Configure Cisco Unified Communications Manager regions.

D. Configure Cisco Unified Communications Manager locations.

Correct Answer: BD

QUESTION 9

Which statement about H.323 Gatekeeper Call Admission Control is true?

A. Gatekeeper Call Admission Control applies to centralized Cisco Unified Communications deployments that use locations based Call Admission Control.

B. Gatekeeper Call Admission Control applies to distributed Cisco Unified Communications deployments.

C. Gatekeeper Call Admission Control applies only to distributed Cisco Unified Communications Express deployments.
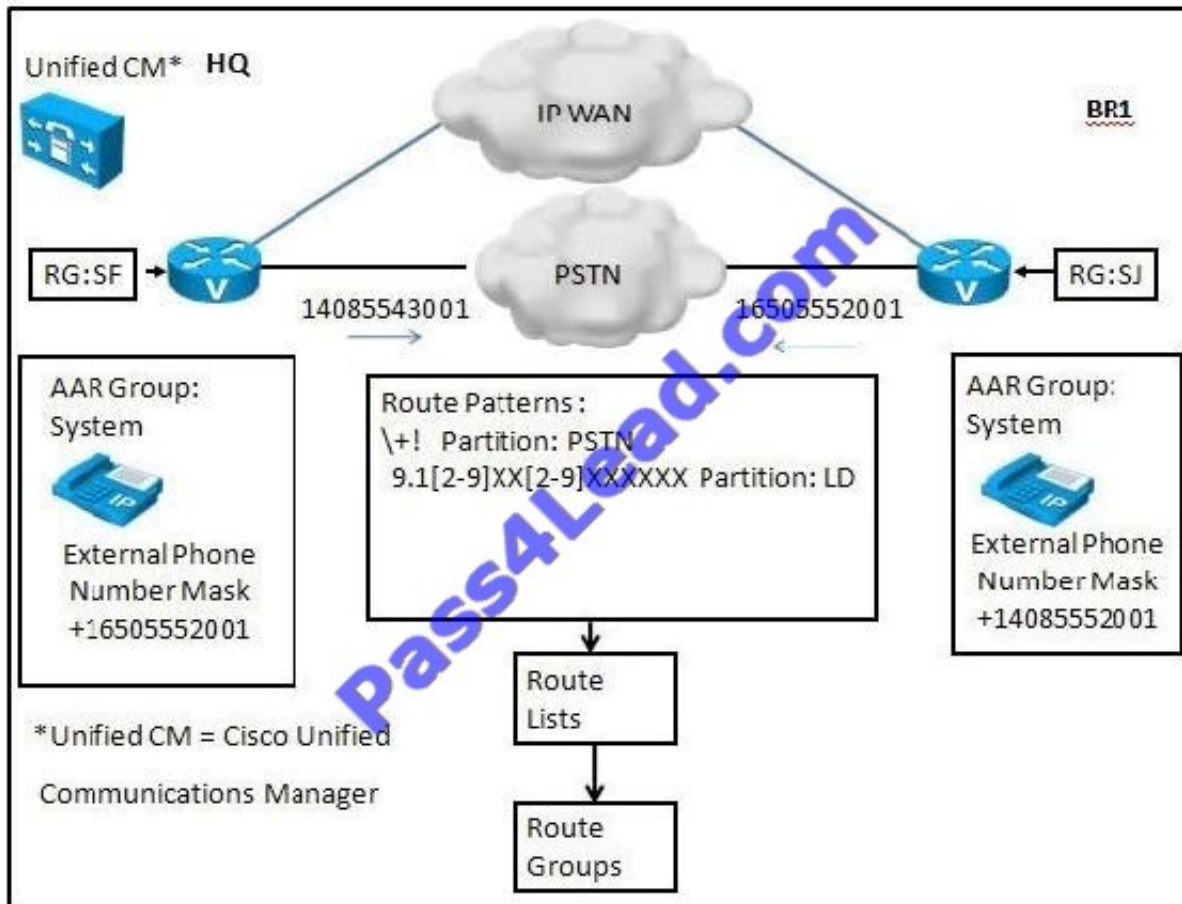
D. Gatekeeper Call Admission Control setting is configured in Cisco Unified Communications Manager.

Correct Answer: B

QUESTION 10

Refer to the exhibit.

The HQ site uses area code 650. The BR1 site uses area code 408. The long distance national code for PSTN dialing is 1. To make a long distance national call, an HQ or BR1 user dials access code 9, followed by 1, and then the 10-digit number. Both sites use MGCP gateways. AAR must use globalized call routing using a single route pattern. Assume that all outgoing PSTN numbers are localized at the egress gateway as shown in the exhibit.

What should the AAR group prefix be?

A. 9

B. 91

C. none

D. +

E. +1

Correct Answer: C

QUESTION 11

Refer to the exhibit.

```
controller T1 1/0
 framing esf
 linecode b8zs
 pri-group timeslots 1-6,24

interface Serial1/0:23
 no ip address
 encapsulation hdlc
 isdn switch-type primary-ni
 isdn incoming-voice voice
 no cdp enable

interface Vlan120
 ip address 10.2.120.1 255.255.255.0
 h323-gateway voip bind srcaddr 10.2.120.1

voice-port 1/0:23

dial-peer voice 123 pots
 incoming called-number .
 direct-inward-dial

dial-peer voice 23000 voip
 destination-pattern 2...
 session target ipv4:10.1.5.11
 dtmf-relay h245-alphanumeric
 codec g711ulaw
 no vad
```

IT shows an H.323 gateway configuration in a Cisco Unified Communications Manager environment. An inbound PSTN call to this H.323 gateway fails to connect to IP phone extension 2001. The PSTN user hears a reorder tone. Debug isdn q931 on the H.323 gateway shows the correct called-party number as 5015552001. Which two configuration changes can correct this issue? (Choose two.)

A. Add port 1/0:23 to dial-peer voice 123 pots.

B. Ensure that the Significant Digits for inbound calls on the H.323 gateway configuration is 4.

C. Add a voice translation profile to truncate the number from 10 digits to 4 digits. Apply the voice translation profile to the Voice-port. The configuration field "Significant Digits for inbound calls" is left at default (All).

D. Add the command h323-gateway voip id on interface vlan120.

E. Change the destination-pattern on the dial-peer voice 23000 VoIP to 501501? and change the Significant Digits for inbound calls to 4.

Correct Answer: BE

QUESTION 12

Which Cisco IOS command is used for internal SAF Clients to check SAF learned routes?

A. show eigrp address-family ipv4 saf

B. show voice saf routes

C. show voice saf detail

D. show eigrp service-family ipv4 saf

E. show voice saf dndb all

Correct Answer: E

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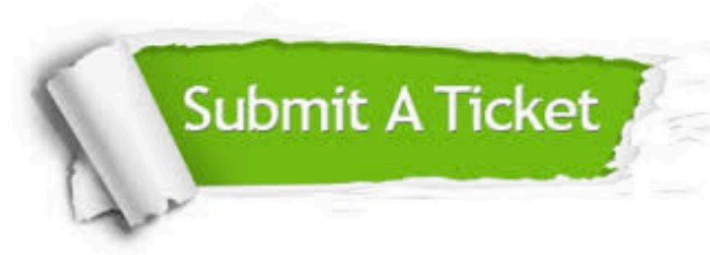
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