

300-070 cisco

Number: 300-070
Passing Score: 800
Time Limit: 120 min



Exam A**QUESTION 1**

Managers have asked to be able to have an extension call them back if it is busy when they try to call it. In what two places can this feature be assigned to the Managers phone? (Choose two.)

- A. Device Settings > Softkey Template
- B. Device Settings > Default Device Profile Configuration
- C. Device Settings > Phone Button Template
- D. Device Settings > Device Profile
- E. Device Settings > Device Defaults
- F. Device Settings > Firmware Load Information

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

What are two characteristics of a Cisco Unified Communications Manager dial plan? (Choose two.)

- A. partitions and calling search spaces
- B. COR
- C. dial peer
- D. voice translation rules
- E. route patterns

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

What are the characteristics of a Cisco Unified Communications Manager group?

- A. Each call-processing server can be assigned to a single Cisco Unified Communications Manager group

- B. A Cisco Unified Communications Manager group is a prioritized list of (one or more) call-processing and application servers
- C. Each device has to have a Cisco Unified Communications Manager group assigned, which will determine the primary and backup servers to which it can register
- D. A single Cisco Unified Communications Manager group can exist in a single cluster

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

Which three commands show the output of an active video call? (Choose three.)

- A. show vrm active calls
- B. show call active video brief
- C. show voip rtp connections
- D. show voice call
- E. show voice call summary
- F. show video dsp

Correct Answer: BCE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

Which party has a SIP B2BUA role in the call?



- A. 172.17.4.100
- B. 10.100.4.65 and 172.17.4.100
- C. 10.100.4.65
- D. None of the parties has a B2BUA role in the call

E. 10.100.4.68 and 10.100.4.65

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

How do you configure calling privileges on Cisco Unified Communications Manager Express?

- A. corlist
- B. translation profile
- C. zones
- D. access list
- E. search rules

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 7

A customer recently installed a Cisco TelePresence MCU 5320. The customer wants a virtual meeting room that restricts participants from communicating before the customer joins the call. Which feature in the MCU enables this functionality?

- A. numeric ID
- B. floor and chair control
- C. owner
- D. PIN codes

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

An organization with a centralized dial plan has user extensions as the last four digits of the external DID number. Some users at the head office have overlapping extensions with the users at the branch offices. Which action fixes this issue without changing user extensions and allowing users to call each other across sites?

- A. Use site codes
- B. Use different CSSs for both sites
- C. Place both extensions in different partitions
- D. Change the number of digits in the internal extensions

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which three options can be used to configure digit manipulation for dial peers? (Choose three.)

- A. digit translation rules
- B. called party transformations
- C. route partitions
- D. forward digits
- E. route patterns
- F. digit stripping and prefixes
- G. calling party transformations

Correct Answer: ADF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

Which two options can a route pattern be assigned? (Choose two.)

- A. a gateway that is not assigned to a route group

- B. a gateway that is assigned to a route group
- C. a route list with no route groups configured
- D. a route list with one or more route groups configured

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Which three devices are analyzed by the Cisco Unified Communications Dialed Number Analyzer? (Choose three.)

- A. gatekeeper
- B. remote destination
- C. CTI route point
- D. trunk
- E. phone
- F. gateway

Correct Answer: CEF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

Which mechanism is often configured on the edges of a network to control the maximum rate of traffic that is sent or received on an interface and to classify the traffic into priority levels or class of service?

- A. routing
- B. shaping
- C. policing
- D. access control
- E. traffic regulation

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 13**

Which two codecs are supported by the Cisco Unified Communications Manager software conferencing media resource? (Choose two.)

- A. G.723
- B. G.729
- C. Wideband
- D. GSM
- E. G.711

Correct Answer: CE

Section: (none)

Explanation**Explanation/Reference:****QUESTION 14**

What is the correct path selection for a call that is routed through a Cisco Unified Communications Manager system?

- A. Devices -> Route Group -> Route List -> Route Pattern
- B. Route List -> Route Pattern -> Route Group -> Devices
- C. Route Pattern -> Route List -> Route Group -> Devices
- D. Route Group -> Devices -> Route Pattern -> Route List

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 15**

Which two statements about Cisco VCS Addressing Zones are true? (Choose two.)

- A. They can be local to the Cisco VCS or can be remote

- B. A zone is a collection of endpoints that share the same dialing behavior and bandwidth settings
- C. They consist of traversal and nontraversal zones
- D. They can only be local
- E. They consist of subzones such as DNS zones

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

Hackers are sending calls through a gateway router that is running SIP. The engineer blocks all SIP messages to the router except from their SIP server, which has an IP address of 208.177.10.1. The customer also must connect via SIP to their Cisco Expressway server with an IP address of 10.1.10.110. Which series of commands secures the router from the hackers?

- A. voice service voip
voip security allow
ipv4 208.177.10.1 255.255.255.255
ipv4 10.1.10.110 255.255.255.255
- B. voice service voip
ip address trusted list
ipv4 208.177.10.1 255.255.255.255
ipv4 10.1.10.110 255.255.255.255
- C. voice service voip
allow-connections sip to sip
ipv4 208.177.10.1 255.255.255.255
ipv4 10.1.10.110 255.255.255.255
- D. voice service voip
address-hiding
ipv4 208.177.10.1 255.255.255.255
ipv4 10.1.10.110 255.255.255.255



Correct Answer: B

Section: (none)

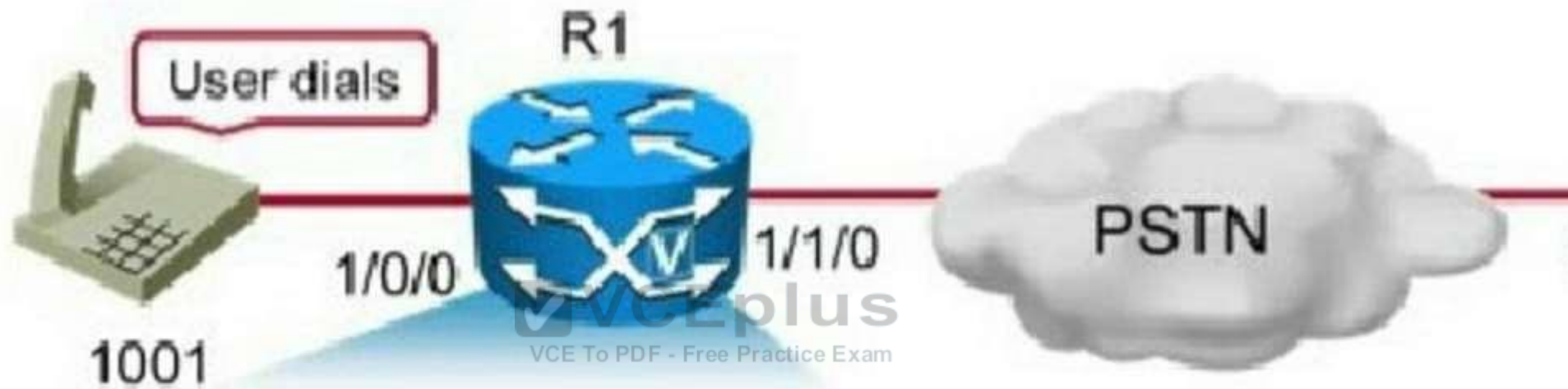
Explanation

Explanation/Reference:

QUESTION 17

If the user at extension 1001 dials the user at extension 2001, which dial peer is used to route the call?





```
dial-peer voice 1 pots
 destination-pattern .T
 port 1/1/0
dial-peer voice 2 pots
 destination-pattern 20[0-1].
 forward-digits all
 port 1/1/0
dial-peer voice 3 pots
 destination-pattern 200
```

- A. 3
- B. 2
- C. 4
- D. 1

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

Which statement about traffic policing and shaping is true?

- A. Shaping limits traffic rates by dropping, re-marking, or transmitting traffic
- B. Policing involves regulating excessive traffic rates by delaying (that is, buffering) traffic
- C. Traffic policing and shaping help regulate bandwidth usage by limiting the amount of traffic
- D. Traffic policing is more suitable for lower-speed links such as Multilink PPP and Frame Relay, as it buffers excess traffic

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

If the user at extension 1001 dials the user at extension 2002, which dial peer is used to route the call?



```
dial-peer voice 1 pots
 destination-pattern .T
 port 1/1/0
dial-peer voice 2 pots
 destination-pattern 20[0-1].
 forward-digits all
 port 1/1/0
dial-peer voice 3 pots
 destination-pattern 200
```

- A. 3
- B. 2
- C. 4
- D. 1

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

Callers inform you that they hear a second dial tone after dialing the number 4085550123. Which dial-peer configuration command resolves this issue?

- A. answer-address 408555....
- B. destination-pattern 91[2-9]..[2-9].....
- C. forward digits all
- D. direct-inward dial



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

When the Cisco IOS router or gateway receives a call setup request, what is the PID value of the default dial peer?

- A. PID:3
- B. PID:6
- C. PID:0
- D. PID:4
- E. PID:5
- F. PID:1
- G. PID:2
- H. PID:7

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

You are a Network Engineer at ABC Company. You want to ensure that when the contact center agent for the company makes an external call, the extension 897 654 300 is displayed. How do you resolve this issue?

- A. Configure a Line Text Label on the Directory Number configuration page
- B. Configure an external phone number mask on the Directory Number configuration page
- C. Configure a translation pattern with the pattern 897654300
- D. Configure an external phone number mask on the Device configuration page

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 23

When a call is attempted during a particular time of day, what determines the partitions where calling devices search?

- A. time schedules
- B. calling periods
- C. dial schedules
- D. time periods

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

A phone is assigned to a partition that is included in the CSS HQ-Phone. This partition contains a route pattern to block calls to service numbers 1-400-

xxx-xxxx. When the engineer makes a test call to the number 1-400400-9000 from that phone, the call goes through. What is the reason for this issue?

- A. The route pattern for the number to be blocked is in partition not accessible to the CSS
- B. The correct route list is not selected in the route pattern for the dialed number to be blocked
- C. The correct gateway is not selected for the route list for the route pattern for the dialed number to be blocked
- D. The route pattern for the number to be blocked is in "NULL" partition
- E. The route pattern is misconfigured

Correct Answer: A

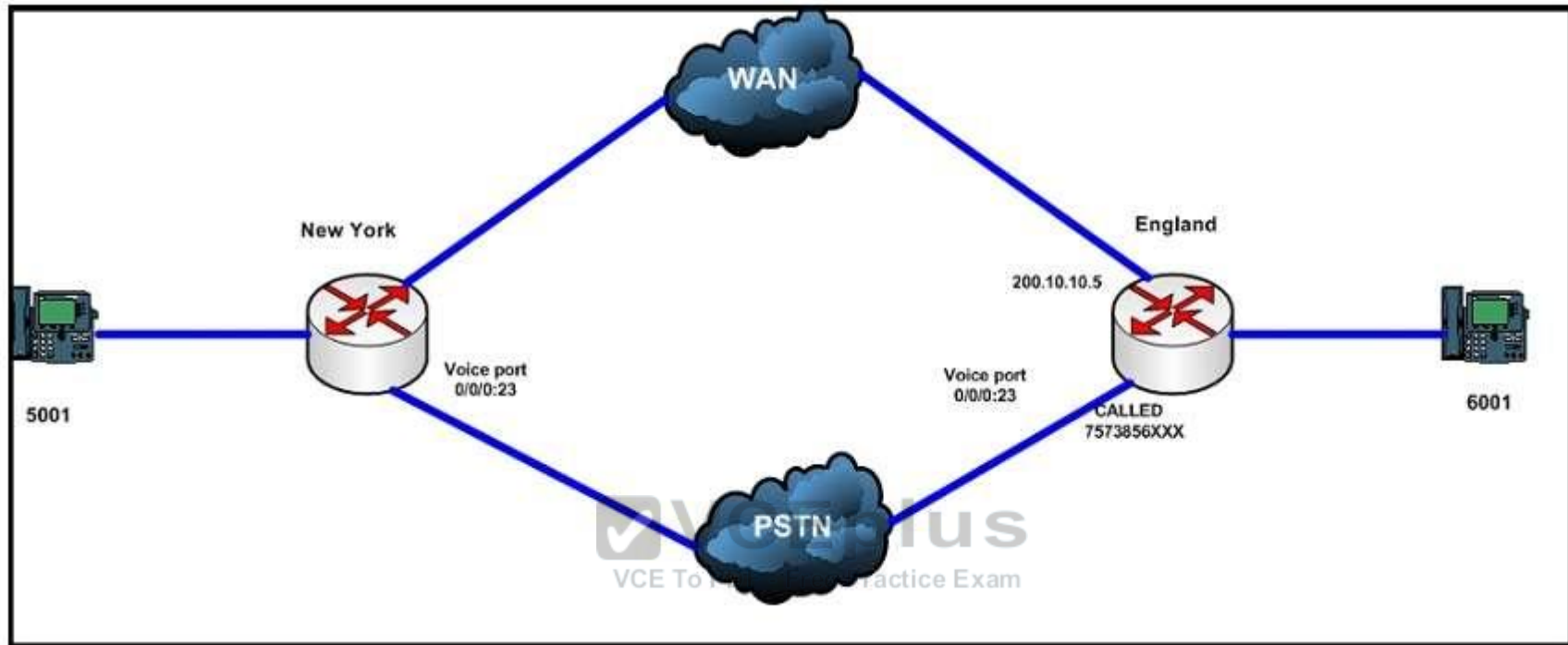
Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

Refer to the exhibit and configuration output.



```
sh run | s Dial-peer
dial-peer voice 2 voip
destination-pattern 6...
preference 0
session-target ipv4: 200.10.10.5
dtmf-relay sip-notify
```

```
dial-peer voice 3 pots
destination-pattern 6...
preference 1
port 0/0/0:23
prefix 757385
dtmf-relay sip-notify
```

What are the two main ways from New York to call Extension 6001 in England? (Choose two.)

- A. The first way is WAN
- B. The first way is PSTN
- C. The second way is WAN
- D. The second way is PSTN

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

Refer to the exhibit

```
dial-peer voice 204 pots  
description LLAMADA_CELULA  
destination-pattern 9[67].  
port 0/1/0  
forward-digits 7
```

What is the problem when 237 dials 972551915?

- A. The problem is in "forward-digits 7"; the dial peer should be with "forward-digits 9."
- B. The problem is in "forward-digits 7"; the dial peer should be with "forward-digits 5."
- C. The problem is in "forward-digits 7"; the dial peer should be with "forward-digits 2. "
- D. The problem is in "forward-digits 7"; the dial peer should be with "forward-digits 8."

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

The CSS on a line includes the partitions 911, internal and local. The CSS on the device includes the partitions 911, internal, local and long distance. Which CSS will be used if the phone user dials a local number?

- A. The device CSS will be used since the device CSS is always used first on an IP phone
- B. Since the dialed digits are a match to a partition in both Calling Search Spaces the call will use both matched partitions in both Calling Search Spaces in a round-robin format.
- C. If there is both a line and device CSS the line device will only be used
- D. The line and device CSSs will be combined and the device CSS will take precedence
- E. The line and device CSSs will be combined and the line CSS will take precedence

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

Which two of these are required in order for Cisco Unified Communications Manager to support software conferencing? (Choose two.)

- A. The Cisco IP Voice Media Streaming Application needs to be activated on the server running the conferencing service in the cluster.
- B. The service parameter for the Cisco IP Voice Media Streaming Application needs to have Run Flag set to True
- C. The software conference bridge resource needs to be configured in Cisco Unified Communications Manager
- D. The Cisco IP Voice Media Streaming Application needs to be activated for all servers in the cluster
- E. Under the Cisco IP Voice Media Streaming Application parameters, the conference bridge needs to have Run Flag set to True

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

Which three are functions of Cisco Unified Border Element? (Choose three.)

- A. client registration
- B. H.323 and SIP interworking
- C. Lync interworking

- D. transcoding
- E. phone proxy
- F. mobile and remote access

Correct Answer: BDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

Which configuration output indicates a properly configured T1 digital voice interface?

- A. controller T1 0/0/0
framing esf
linecode b8zs
pri-group timeslots 1-24
!
- B. isdn switch-type primary-ni
!
controller T1 0/0/0
framing esf
linecode b8zs
!
- C. isdn switch-type primary-ni
!
controller T1 0/0/0
framing esf
linecode b8zs
pri-group timeslots 1-24
isdn switch-type primary-ni
!
- D. isdn switch-type primary-ni
!
controller T1 0/0/0
framing esf
linecode b8zs
!
dial-peer voice 1 pots
destination-pattern 54....
direct in-inward dial

port 0/0/0:23

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

Which of the following simplifies and enhances conference resource management?

- A. Cisco TelePresence Server
- B. Cisco TelePresence MCU
- C. Cisco TelePresence MSE 8000
- D. Cisco IOS routers with packet voice/data module (PVDM)
- E. Cisco TelePresence Conductor

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:



QUESTION 32

You are performing route pattern configuration. You need to ensure that internal extensions are automatically expanded to full external phone numbers for calling line information on outgoing calls. What should you use?

- A. calling extension expansion
- B. called number expansion
- C. external number mask of the called party
- D. external phone number mask of the calling party

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

When comparing SIP H.323 and MGCP, which of the following is specific to SIP?

- A. The dial plan is directly on the gateway
- B. SIP provides support for third-party entities
- C. SIP defines Translation per the gateway
- D. SIP has a centralized dial plan

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

Which pattern does the route pattern \+61278[^3-5]59XXX match?

- A. \+61278359001
- B. +61278459001
- C. 278259001
- D. +61278259001
- E. +612783559001



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

What are two characteristics of a Cisco Unified Communications Manager Enterprise parameter? (Choose two.)

- A. It is used to configure settings for specific services
- B. It is used to define end-user authentication settings
- C. It sets initial values of device-defaults
- D. It is used to configure settings for different services
- E. It is used to define clusterwide settings

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

What is the default option for framing when you configure a T1 controller?

- A. Super Frame
- B. alternate mark inversion
- C. Extended Super Frame
- D. cyclic redundancy check 4
- E. high-density bipolar 3
- F. No-CRC4
- G. binary 8-zero substitution
- H. Australia

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:



QUESTION 37

Which two codecs are the best codecs to use in WAN and LAN? (Choose two.)

- A. WAN codec G.711
- B. LAN codec G.729
- C. WAN codec G.729
- D. LAN codec G.711

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

If the route patterns 5XXX, 51XX, 513X and 5134 exist within a call route database, which pattern would be matched if the dialed number was 5324?

- A. 5XXX
- B. 51XX
- C. 513X
- D. 51X34

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

Refer to the exhibit.

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

System » Call Routing » Media Resources » Advanced Features » Device » Application » User Management » DUB Administration » Help »

Region Configuration

Save Delete Reset Apply Config Add New

Region Information
Name:

Region Relationships

| Region | Audio Codec Preference List | Maximum Audio Bit Rate | Maximum Session Bit Rate for Video Calls | Maximum |
|--|-----------------------------|------------------------|--|---------|
| REGION1 | CCNP-COLLAB | 64 kbps | 384 kbps | |
| REGION2 | CCNP-COLLAB | 64 kbps (G.722, G.711) | Use System Default (384 kbps) | |
| NOTE: Regions not displayed Use System Default Use System Default Use System Default | | | | |

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

System » Call Routing » Media Resources » Advanced Features » Device » Application » User Management » DUB Administration » Help »

Audio Codec Preference List Configuration

Save Delete Copy Add New

Status
Status: Ready

Audio Codec Preference List Information

Name:
 Description:
 Codecs in List:

An engineer is troubleshooting a codec negotiation issue where both endpoints that are involved in the call support the codecs listed in the exhibit. Which audio codec is selected if a call between two endpoints in Region 1 is placed?

A. G722

- B. G729
- C. G711a
- D. G711u

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

If no SIP dial rules are configured on an IP phone, at which three points in the collection of digits does a Type A SIP phone send digits to the Cisco Unified Communications Manager? (Choose three.)

- A. when the inter digit timer expires
- B. when the collected digits match a SIP dial rule
- C. when the user presses the Dial softkey
- D. as each digit is collected (it is sent for analysis)
- E. when the user presses the # key

Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

Which two types of encoding are available to configure a T1 controller for CAS? (Choose two.)

- A. B8SF
- B. AMI
- C. B8ZS
- D. SF
- E. AME
- F. ESF

Correct Answer: BC

Section: (none)

Explanation**Explanation/Reference:****QUESTION 42**

Every VoIP endpoint must select one specific codec. Which of these codecs is the mandatory codec?

- A. G.729
- B. G.728
- C. G.722
- D. G.711
- E. H.264

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 43**

Which three Cisco Unified Communications Manager settings can be used to support IP phone services? (Choose three.)


- A. Device Defaults
- B. Enterprise Parameters
- C. IP Phone Service Configuration window
- D. Common Phone Profile
- E. Service Parameters
- F. Phone Configuration window

Correct Answer: BDF

Section: (none)

Explanation**Explanation/Reference:****QUESTION 44**





Refer to the exhibit.

 **Cisco Unified CM Administration**
For Cisco Unified Communications Solutions


Navigation

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾

SIP Route Pattern Configuration Related

 Save  Delete  Copy  Add New

Status

 Add successful


Pattern Definition

| | |
|--|---|
| Pattern Usage | Enrutamiento de dirección IP |
| IPv4 Pattern* | <input type="text" value="10.200.6.3"/> |
| IPv6 Pattern | <input type="text"/> |
| Description | <input type="text" value="Monterrey"/> |
| Route Partition | <input type="text" value="Interina"/> |
| SIP Trunk/Route List* | <input type="text" value="RL-Monterrey"/> |
| <input type="checkbox"/> Block Pattern | |

[\(Edit\)](#)







Calling Party Transformations☐ Use Calling Party's External Phone MaskCalling Party Transformation Mask Prefix Digits (Outgoing Calls) Calling Line ID Presentation* Calling Line Name Presentation* **Connected Party Transformations**Connected Line ID Presentation* Connected Line Name Presentation* 

*- indicates required item.



Cisco Unified CM Administration
 For Cisco Unified Communications Solutions

System ▾ | Call Routing ▾ | Media Resources ▾ | Advanced Features ▾ | Device ▾ | Application ▾ | User Management ▾ | Bulk Administ


Gateway Configuration

 Save
  Delete
  Copy
  Reset
  Apply Config
  Add New

Status

 Status: Ready

Device Information

| | |
|---|----------------------|
| Product | H.323 Gateway |
| Device Protocol | H.225 |
| Registration: | Unknown |
| IPv4 Address: | 10.200.6.3 |
|  Device is not trusted | |
| Device Name* | 10.200.6.3 |
| Description | 10.200.6.3 Monterrey |
| Device Pool* | DP-Monterrey ▾ |
| Common Device Configuration | < None > ▾ |

A Network Administrator needs to create a SIP route pattern to communicate with Monterrey's Gateway. The Administrator does not understand why this is not working properly. Which two statements explain the issue and resolve the problem? (Choose two.)

- A. The Administrator needs to set up a SIP trunk between Monterrey's Gateway and Cisco Unified Communications Manager
- B. The Administrator should type the reload command into Monterrey's Gateway
- C. The issue is caused by a failure of communication between the Monterrey's Gateway and Cisco Unified Communications Manager

D. The issue is caused by incorrect protocol integration between Monterrey's Gateway and Cisco Unified Communications Manager

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

Which Cisco Unified Communications Manager default global conference setting should be changed to ensure fraud prevention?

- A. Advanced Ad Hoc Conference Enabled
- B. Enable Click-to-Conference for Third-Party Applications
- C. Drop Ad Hoc Conference
- D. Block OffNet to OnNet Transfer
- E. MCU Conference Bridge Custom Layout Index

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 46

Which three steps are needed to enable time-of-day call routing? (Choose three.)

- A. Configure an access list
- B. Configure a time period
- C. Configure a time schedule
- D. Configure a route pattern
- E. Configure a partition
- F. Configure dial rules
- G. Configure a calling search space

Correct Answer: BCG

Section: (none)

Explanation

Explanation/Reference:**QUESTION 47**

What are two characteristics of a Cisco Unified Communications Manager Express dial plan? (Choose two.)

- A. partitions and calling search spaces
- B. COR
- C. dial peers
- D. voice translation rules
- E. route patterns

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:**QUESTION 48**

Which four modes are available on the Cisco TelePresence MCU MSE 8510 to connect to a gatekeeper? (Choose four.)

- A. direct mode
- B. H.225-routed mode
- C. H.265-routed mode
- D. H.245-routed mode
- E. full proxy mode
- F. partial proxy mode

Correct Answer: ABDE

Section: (none)

Explanation

Explanation/Reference:**QUESTION 49**

Which four call coverage features are used by voice gateways? (Choose four.)

- A. call hunt

- B. Call Park
- C. Call Pickup
- D. call redirecting
- E. overlaid phone-dn
- F. basic automatic call distribution
- G. overlaid ephone-dn
- H. basic manual call distribution

Correct Answer: ACFG

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

Which two of the following DSPs can be used in heterogenous conferencing to achieve the required transsizing and transcoding functionality? (Choose two.)

- A. PVDM3-256
- B. PVDM2-256
- C. PVDM-192
- D. PVDM3-32
- E. PVDM3-192
- F. PVDM2-128



Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

A voice engineer is troubleshooting an issue that involves incoming calls to POTS lines. Which command verifies the digits that are received by voice-port?

- A. debug voip dial-per
- B. debug vtsp session

- C. debug vtsp dsp
- D. debug call treatment
- E. debug voice protocol

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

Which two Cisco products allow the use of a dial plan with E.164, H.323, SIP, and DNS? (Choose two.)

- A. Cisco Expressway
- B. Cisco Unified Communications Manager
- C. Cisco Unified Border Element
- D. Cisco IM and Presence
- E. Cisco TelePresence Video Communication Server

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

If the route patterns 5XXX, 51XX, 513X, and 5134 exist within a call route database, which pattern would be matched if the dialed number was 5124?

- A. 5XXX
- B. 51XX
- C. 513X
- D. 5134

Correct Answer: B

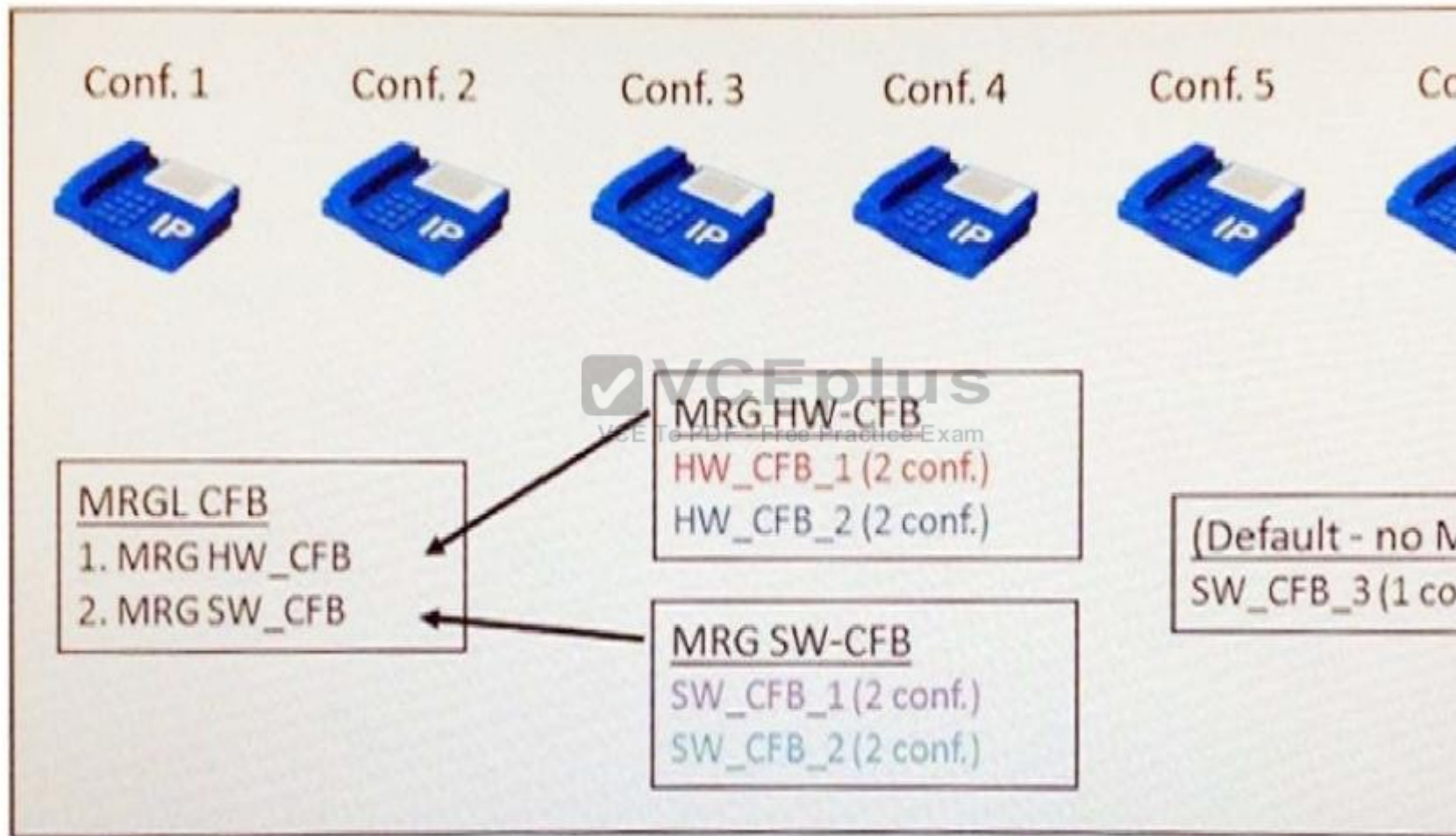
Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

Refer to the exhibit.



Which conference resource is Conference 2 using assuming the MRGL has just been reset and all 6 conferences have become active?

A. SW_CFB_3

- B. HW_CFB_2
- C. HW_CFB_1
- D. SW_CFB_2
- E. SW_CFB_1

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

The Cisco IP Phone of your company operator is on extension 7000. However, users normally dial 0 to get the operator. Which action sends calls that were made to 0 to the operator?

- A. Create a route pattern of 0 and use a called party transform mask of 7XXX
- B. Create a translation pattern for 7000 and a called party transform mask of 0
- C. Create a translation pattern for 0 and a called party transform mask of 7000
- D. Create the IP phone overlay feature so the operator's line has 0 and 7000 assigned to it
- E. Create a translation pattern for 0 and a calling party transform mask of 7000

Correct Answer: C

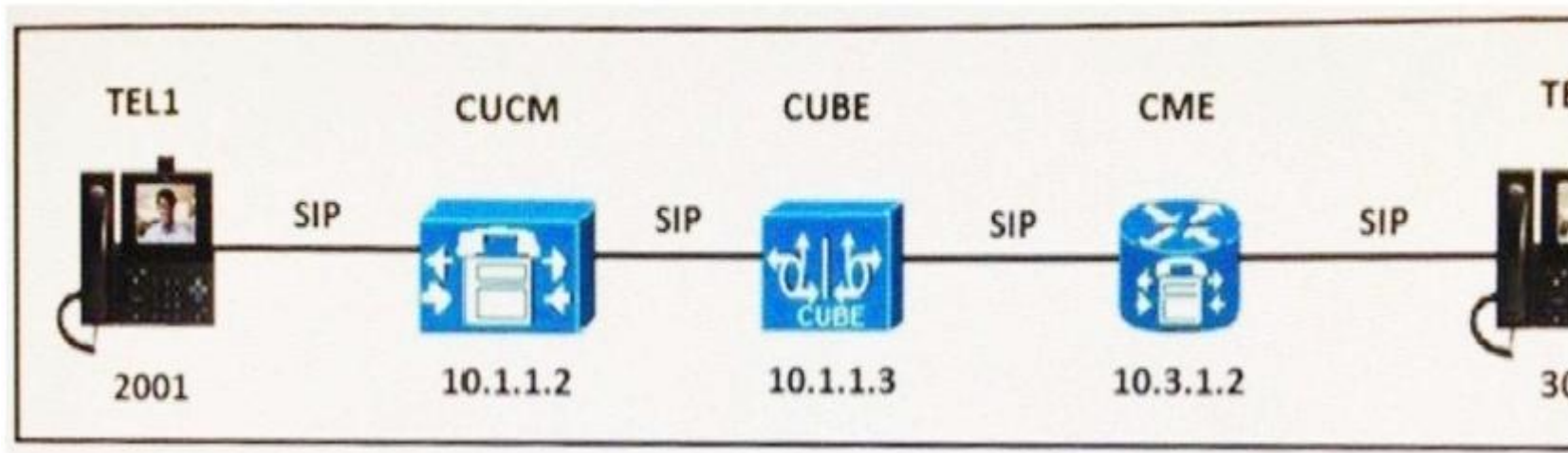
Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

Refer to the exhibit.



An engineer is working on a ticket that reports TEL1 cannot call TEL2. These dial peers are configured to route the call between the endpoints.

```

dial-peer voice 2001 voip
destination-pattern 2001
session protocol sipv2
session target ipv4:10.1.1.2
incoming called-number .
codec g 722-64
video codec h264
dtmf-relay rtp-nte sip-notify sip-kpml
no vad
  
```

While troubleshooting, the engineer discovers that the Cisco Unified Border Element is giving the error "SIP/2.0 403 Forbidden". Which two Cisco Unified Border Element configurations resolve this issue? (Choose two.)

- A. voice service voip
 - mode border-element
 - ip address trusted list
 - ipv4 10.1.1.0 255.255.255.0
 - ipv4 10.2.1.0 255.255.255.0
 - allow-connections sip to sip
 - sip
 - bind control source-interface loopback0
 - bind media source-interface loopback0

- B. voice service voip
no ip address trusted authenticate
mode border-element
allow-connections sip to sip
sip
bind control source-interface loopback0
bind media source-interface loopback0
- C. voice service voip
mode border-element
ip address trusted list
allow-connections sip to sip
sip
bind control source-interface loopback0
bind media source-interface loopback0
- D. voice service voip
mode border-element
allow-connections sip to sip
sip
bind control source-interface loopback0
bind media source-interface loopback0
- E. voice service voip
mode border-element
ip address trusted list
ipv4 10.1.1.0 255.255.255.0
ipv4 10.3.1.0 255.255.255.0
allow-connections sip to sip
sip
bind control source-interface loopback0
bind media source-interface loopback0



Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

Which DiffServ PHB classification is recommended by Cisco for interactive video traffic?

- A. AF31
- B. CS3

- C. EF
- D. AF41
- E. CS4

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

Which route pattern is used when 25911 is dialed from an endpoint with a CSS that can access the required partition?

- A. 25XXX
- B. 2[56]XXX
- C. 2591[12]
- D. 259XX

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 59

Which three descriptions are true? (Choose three.)

- A. The class of service is a parameter that is used for traffic classification and marking at Layer 2
- B. The IP precedence is a parameter that is used for traffic classification and marking at Layer 2
- C. The differentiated services code point is a parameter that is used for traffic classification and marking at Layer 2
- D. The class of service is a parameter that is used for traffic classification and marking at Layer 3
- E. The IP precedence is a parameter that is used for traffic classification and marking at Layer 3.
- F. The differentiated services code point is a parameter that is used for traffic classification and marking at Layer 3

Correct Answer: AEF

Section: (none)

Explanation

Explanation/Reference:**QUESTION 60**

Which two codecs are required for Cisco WebEx Enabled TelePresence? (Choose two.)

- A. G.711 codec for audio
- B. H.264 codec for video
- C. G.729 codec for audio
- D. G. 711 or G. 729 codec for audio
- E. H.263 codec for video
- F. H.264 or H.263 codec for video

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:**QUESTION 61**

When configuring an H.323 gateway, which configuration option can be used to set whether an incoming call is considered off the network (OffNet) or on the network (On Net)?

- A. call classification
- B. call location
- C. device pool
- D. signaling port

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:**QUESTION 62**

Which three items have a calling search space? (Choose three.)

- A. transcoder

- B. gateways
- C. phone lines
- D. phones
- E. partitions
- F. AAR groups

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

You are a Voice Engineer working at ABC Company. You are asked to configure Cisco Unified Border Element in Cisco Unified Communications Manager. Which two configurations are required? (Choose two.)

- A. Configure a SIP profile with Early Offer support for voice and video calls; insert MTP as needed
- B. Change the SIP trunk security profile to a nonsecure SIP trunk profile
- C. Under the SIP information configuration, set the destination port to 5061
- D. Bind the SIP signaling to the Cisco Unified Border Element interface
- E. Configure dial peers on Cisco Unified Border Element for inbound and outbound calls appropriately

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

Which two options are resources in a route list that route calls that match a defined route pattern? (Choose two.)

- A. gateways
- B. route groups
- C. virtual machine servers
- D. IP phones

Correct Answer: AB

Section: (none)

Explanation**Explanation/Reference:****QUESTION 65**

Refer to the exhibit.

911
9.[2-9]XXXXXX
9.1[2-9]XX[2-9]XXXXXX
9.18[0,6-8][0,6-8]XXXXXXX
9.1900XXXXXXX
9011.!

To reach an external number, a user first dials a 9. Which route pattern will be matched if a user dials the tollfree number 18005550123?

- A. 911
- B. 9.[2-9]XXXXXX
- C. 9.1[2-9]XX[2-9]XXXXXX
- D. 9.18[0,6-8][0,6-8]XXXXXXX
- E. 9.1900XXXXXXX
- F. 9011.!



Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 66**

Users that are subscribed to the default corporate directory are complaining that when they press the Directories button, they receive an error message regarding the URL. Which two parameters need to be edited? (Choose two.)

- A. Verify that the corporate directory has the Enabled check box checked in the Enterprise Parameter> Phone URL Parameters page
- B. Reset the Enterprise Phone URL Parameters
- C. Reset the Service Parameter > Phone URL Parameters
- D. Change the URLs under Enterprise Parameters to match the DNS name or the IP address being used by the server being configured and reset the IP phones
- E. Verify that the corporate directory has the Enabled check box checked in the IP Phone Services > Configuration Service Information page

- F. Select the Service Parameter for the appropriate server and Cisco CallManager (active) and change the URLs for each service to match the DNS name or IP address of the server being configured

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 67

Which QoS model is bandwidth-dedicated to provide sufficient quality for applications that need high resolution, such as video terminals?

- A. DiffServ
- B. Best-Effort
- C. DiffServf
- D. IntServ

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 68

Which two statements describe the function of the off-net option in a route pattern? (Choose two.)

- A. The off-net option indicates that if a call is not routed through this route pattern, it is considered off the local network, or "off-net"
- B. This option could be used to block an external call from transferring to an internal party
- C. This option could be used to block an external call from transferring to an external party
- D. The off-net option indicates that if a call is routed through this route pattern, it is considered off the local network, or "off-net."

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 69

An engineer is designing a new dial plan for a customer that has offices in several countries on four continents around the world. This client also wants to integrate with a Microsoft Lync backend. Which dial plan type should the engineer recommend?

- A. SIP URI
- B. TEHO
- C. E.164
- D. H.323

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 70

You have two groups of managers that need to hold Meet-Me conferences. You want each group to have access to a range of 10 Meet-Me numbers. What are the two best ways to accomplish this? (Choose two.)

- A. Create two different partitions and add both groups of 10 Meet-Me conference numbers to the partitions
- B. Ensure that the 10 Meet-Me conference numbers overlap with existing ad hoc conferencing numbers
- C. Create two different groups of Meet-Me conference numbers, add them to the partition, and add the partition to the two manager groups to provide limited access
- D. Create a different partition for each group of managers and assign a set of 10 Meet-Me conference numbers to each
- E. Create two groups of 10 Meet-Me conference numbers that do not overlap with any other number in the numbering plan

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

What is a route list?

- A. a list of locations
- B. an ordered list of regions
- C. a list of route patterns
- D. an ordered list of gateways and trunks

E. an ordered list of route groups

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 72

Which three options are valid SIP URI formats? (Choose three.)

- A. jsmith@cisco.com
- B. tel:98765@cisco.com
- C. phone:98765@cisco.com
- D. sip:12345@10.10.10.10:5060;user=phone
- E. sip:bob.cisco.com

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:



QUESTION 73

What is the correct configuration order of call routing to support off-net call routing?

- A. device, route group, route list, route pattern
- B. route list, route group, route pattern, device
- C. route pattern, route list, route group, device
- D. device, route list, route group, route pattern

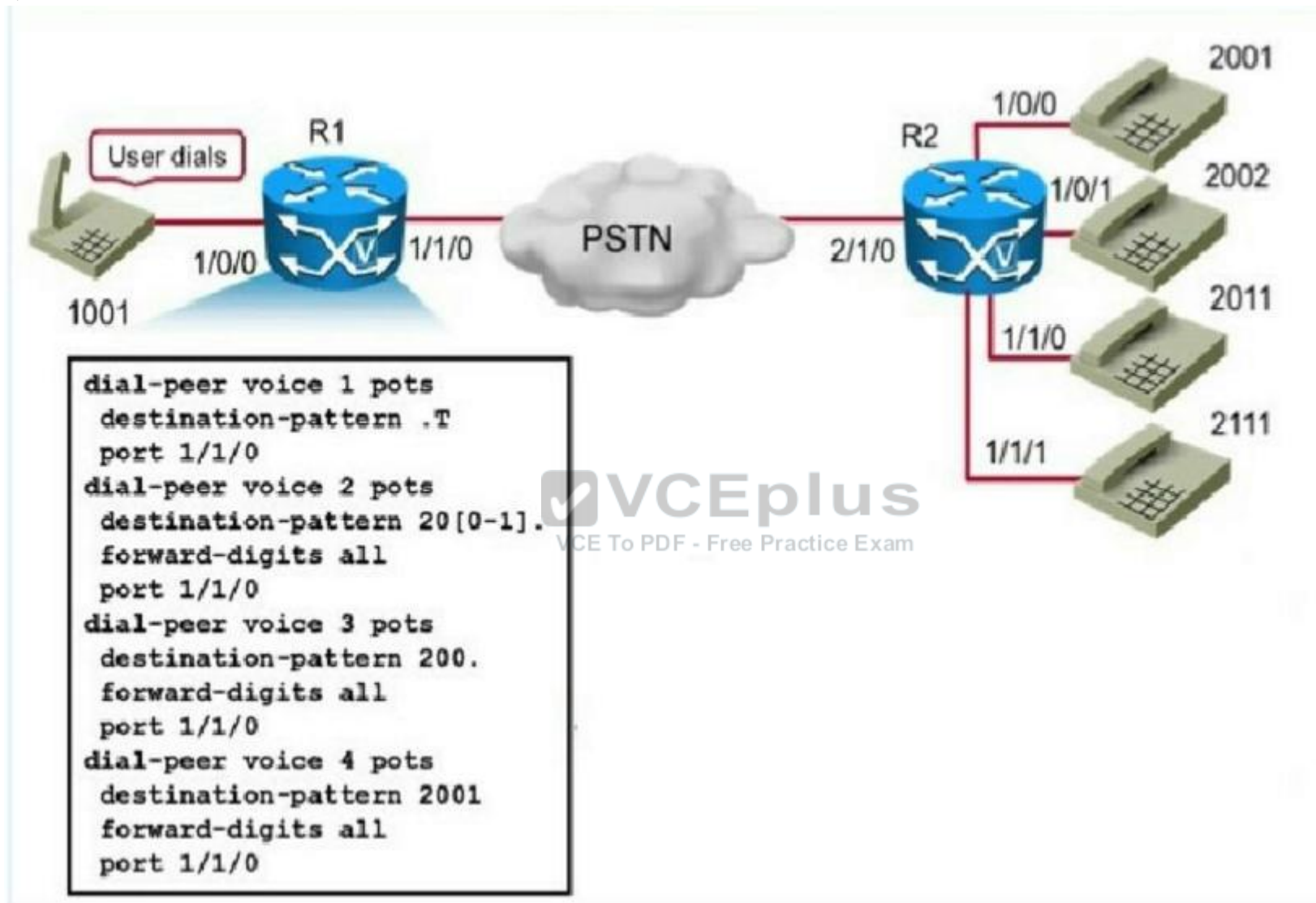
Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 74



If the user at extension 1001 dials the user at extension 2111, which dial peer is used to route the call?

- A. 3
- B. 2

- C. 4
- D. 1

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 75

Which three CLI commands allow you to verify the correct VoIP dial-peer matching? (Choose three.)

- A. debug ccsip messages
- B. debug voip ccapi inout
- C. debug dialpeer match
- D. debug voip dialpeer inout
- E. show dialplan number

Correct Answer: BDE

Section: (none)

Explanation

Explanation/Reference:



QUESTION 76

Which discard digits instruction removes all digits prior to the North American Numbering Plan portion of the route pattern?

- A. PreDot
- B. PreAt
- C. Pre
- D. PreNANP

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 77

Which two describe how media resources and audio streams operate with Cisco Unified Communications Manager? (Choose two.)

- A. Audio streams are terminated differently depending on the signaling protocol, such as SCCP or SIP
- B. Audio streams are always terminated by media resources
- C. All media resources register with Cisco Unified Communications Manager
- D. There are no situations in which IP phone-to-IP phone audio streams will go directly between endpoints
- E. Signaling between Cisco Unified Communications Manager and hardware media resources uses the same protocol as the call-signaling type

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 78

Where do you configure a SIP route pattern?

- A. Call Routing > Route/Hunt > SIP Route Pattern
- B. System> SIP Route Pattern
- C. Call Routing > SIP Route Pattern
- D. Advanced Features > SIP Route Pattern



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 79

Which two algorithms are valid to distribute calls in a route group? (Choose two.)

- A. broadcast
- B. circular
- C. top-down
- D. bottom-up
- E. round-robin

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 80

Which of these determines the Cisco Unified Communications Manager server to which an IP phone registers?

- A. The Cisco Unified Communications Manager group is configured with a Device Pool that designates the primary, secondary, and tertiary servers in the group
- B. Each IP phone is configured with a Device Pool containing the Cisco Unified Communications Manager group that determines which server the IP phone will use as its primary, secondary, and tertiary server
- C. Each IP phone is configured with its primary, secondary, and tertiary server
- D. The Cisco Unified Communications Manager group is configured in the publisher to designate the IP phone groups that will register with the primary, secondary, and tertiary servers in the group

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 81

Which Cisco Unified Communications Manager menu path is used to access the softkey template configuration window?

- A. Device> Device Settings > Softkey Templates
- B. Device Settings> Softkey Templates
- C. IP Phone> Template> Softkey
- D. Device> IP Phone> Template> Softkey

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 82

Refer to the exhibit.

Translation Pattern Configuration

Save

Status

Status: Ready

Pattern Definition

Translation Pattern: 0001

Partition: < None >

Description:

Numbering Plan: NPA

Route Filter: < None >

MLDP Precedence: Per default

Resource Priority Namespace Network Domain: < None >

Route Class: Per default

Calling Search Space: No_restrict

External Call Control Profile: < None >

Route Option

☒ Route this pattern

☐ Block this pattern

Provide Outside Dial Tone

Urgent Priority

Route Next Hop By Calling Party Number

The screenshot displays the 'Route Pattern' configuration window in the VCEplus simulator. The window has a 'Save' button at the top left. Below it is a 'Status' section showing 'Status: Ready'. The main area is titled 'Pattern Definition' and contains the following fields and options:

- Route Pattern*:** 0.0044156789453
- Route Partition:** < None >
- Description:** (empty text box)
- Numbering Plan:** -- Not Selected --
- Route Filter:** < None >
- MLPP Precedence*:** Par défaut
- Apply Call Blocking Percentage:** (unchecked checkbox)
- Resource Priority Namespace Network Domain:** < None >
- Route Class*:** Par défaut
- Gateway/Route List*:** RL_TEST (with an (Edit) link to the right)
- Route Option:**
 - ☒ Route this pattern
 - ☐ Block this pattern (with a dropdown menu showing 'Aucun défaut')
- Call Classification*:** OffNet
- Checkboxes:**
 - ☐ Allow Device Override
 - ☒ Provide Outside Dial Tone
 - ☐ Allow Overlap Sending
 - ☐ Urgent Priority
 - ☐ Require Forced Authorization Code
- Authorization Level*:** 0
- ☐ Require Client Matter Code

When users call number 00044156789453, they have to wait for several seconds before the call is sent. Which action sends the call immediately?

- A. In the translation pattern, change the CSS
- B. In the route pattern, check the Allow Device Override check box
- C. In the route pattern, check the Urgent Priority check box

D. In the translation pattern, check the Route Next Hop By Calling Party Number check box

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 83

Which groups will have access to the Meet-Me conference numbers that are set to use the <None> partition?

- A. Only users that have the <None> partition assigned in their calling search space will have access to the Meet-Me conference numbers
- B. All users will have access to the Meet-Me conference numbers
- C. The <None> partition will prevent all users from accessing the Meet-Me conference numbers
- D. Any IP phones with their lines configured in the <None> partition will have access to the Meet-Me conference numbers

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 84

Which two components must an engineer configure before configuring SIP route pattern? (Choose two.)

- A. route filter
- B. SIP trunk
- C. route partition
- D. calling search space
- E. SIP profile

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 85

Which three characteristics of a video stream require the implementation of QoS? (Choose three.)

- A. variable packet rate
- B. constant bandwidth
- C. small packets
- D. high MTU
- E. high packet rate

Correct Answer: ADE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 86

To verify that proper digit manipulation is being applied when using called party transformation patterns, which Cisco IOS command do you use from the router or voice gateway?

- A. show voice ccapi in out
- B. debug voice ccapi in
- C. show voice ccapi
- D. show voice ccapi in
- E. debug voice ccapi inout
- F. debug voice ccapi out
- G. show voice ccapi out



Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 87

Refer to the exhibit.

```
Voice-HUB#show isdn status
Global ISDN Switchtype - primary-dms100
ISDN Serial2/0/0:23 interface
dsl 0, interface ISDN Switchtype - primary-dms100
Layer 1 Status:
ACTIVE
Layer 2 Status:
TEI - 0, Ces - 1, SAPI - 0, State - MULTIPLE_FRAME_ESTABLISH
Layer 3 Status:
0 Active Layer 3 Call(s)
Active dsl 0 CCBs - 0
The Free Channel Mask:0x807FFFFF
Number of L2 Discards - 0, L2 Session ID - 4
Total Allocated ISDN CCBs - 0
```

An engineer is trying to determine the status of the ISDN D Channel on a new PRI circuit, types in the show isdn status command, and sees this output. Which two pieces of information can be determined from this output? (Choose two.)

- A. The provider is using the 5ESS protocol
- B. There are four B channels
- C. The connection to the Cisco Unified Communications Manager has been established
- D. The D channel is working correctly
- E. No active calls are established

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 88

What is the maximum number of 1080p30 HD Conference Participants if an MSE 8000 has four MSE8710 blades clustered?

- A. 48

- B. 180
- C. 720
- D. 800

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 89

Which three options can belong to specific partitions? (Choose three.)

- A. voice-mail servers
- B. directory numbers
- C. translation patterns
- D. gateways
- E. IP phones
- F. route patterns

Correct Answer: BCF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 90

What function does the device pool perform?

- A. It separates user and physical location information
- B. It sets the default device parameters for all IP phones in the cluster
- C. It sets the location bandwidth used between different locations
- D. It provides a single point of configuration for every device in a Cisco Unified Communications Manager cluster.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:**QUESTION 91**

By default, what value is voice traffic marked as on a Cisco Catalyst Switch?

- A. DSCP CAS6 value 21, Cos 3
- B. DSCP AF21 value 46, Cos 5
- C. DSCP EF value 46, Cos 7
- D. DSCP EF value 46, Cos 5

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:**QUESTION 92**

Which three steps must you take on Cisco Unified Communications Manager to configure Cisco TelePresence Conductor for ad hoc and rendezvous conferences? (Choose three.)

- A. Verify the location configuration
- B. Verify the certificate trusts.
- C. Configure one ICT trunk to TelePresence Conductor
- D. Configure one SIP trunk to TelePresence Conductor
- E. Configure two ICT trunks to TelePresence Conductor
- F. Configure two SIP trunks to TelePresence Conductor

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:**QUESTION 93**

A customer is integrating two video solutions between regions using a Cisco Unified Border Element and finds that some of the RTP payloads are not compatible with the Cisco Unified Border Element configuration. Which two actions does Cisco recommend to solve this issue? (Choose two.)

- A. Specify the video payload on the voice service
- B. Configure a transparent codec on the dial peers
- C. Configure RTP payload mapping on the dial peers
- D. Configure asymmetric payload on the voice service
- E. Set up a voice class for the video codec

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 94

An engineer configures a router with an ISDN PRI connection that only contains two dial peers as follows:

```
dial-peer voice 10 pots
destination-pattern 9T
port 0/0/0:23
```

```
dial-peer voice 100 voip
destination-pattern 45..
session target ipv4:10.2.10.1
```



When an inbound call is placed from the PSTN to extension 4510, a dial tone is heard. Which additional dial peer is needed to allow the call to terminate directly to the internal number?

- A. dial-peer voice 1 pots
answer-address .
direct-inward-dial
- B. dial-peer voice 1 pots
destination-pattern 45..
direct-inward-dial
- C. dial-peer voice 1 pots
incoming called-number .
direct-inward-dial
- D. dial-peer voice 1 pots
destination-pattern 45..
port 0/0/0:23
direct-inward-dial

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 95

Refer to the exhibit

Source
QVF Template Details
End User License Agreement
Name and Location
Deployment Configuration
Disk Format
Ready to Complete

Datastore: datastore 1

Available space (GB): 325.8

☐ Thick Provision Lazy Zeroed
☐ Thick Provision Eager Zeroed
☐ Thin Provision

Which option is the most highly recommended option to install Cisco TelePresence Conductor on the virtual machine?

- A. Thick Provision Eager Zeroed
- B. Thick Provision Lazy Zeroed
- C. Thick Provision
- D. Thin Provision

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 96

You need to delete an auto-registration Cisco Unified Communications Manager group for a cluster. What should you do?

- A. Remove the Cisco Unified CallManager group devices
- B. Disable auto-registration settings in the Cisco Unified CallManager group
- C. Assign a different call group as the auto-registration Cisco Unified CallManager group
- D. Delete the auto-registration Cisco Unified Call Manager group without performing any action

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 97

When dialing off-hook from an SCCP phone, how does Cisco Unified Communications Manager analyze the incoming dialed digits?

- A. SIP dial rules
- B. en bloc dialing
- C. digit-by-digit analysis
- D. KPML

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 98

Employees at a company must dial 9 first to reach an external number. Which route pattern is used to route the call if a user dials the toll-free number 1-866-555-1212?

- A. 9.18XX[2-9]XXXXXX
- B. 9.18[0,5-8][0,5-8]XXXXXX
- C. 9.1XXXXXXXXXX
- D. 9.1866XXXXXX
- E. 9.1866[2-9]XXXXXX
- F. 9.1[2-9]XX[2-9]XXXXXX

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 99

An organization has built their video infrastructure to perform ad hoc video calls, but they also need to conduct managed video conference calls. Which hardware component is needed to conduct these calls?

- A. VCS-E
- B. IOS gateway
- C. MCU
- D. TelePresence server

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:



QUESTION 100

Which statement about the relationship between gateways and route groups is true?

- A. Each gateway can belong to only one route group and can be listed only once within that route group
- B. Each gateway can belong to only one route group and can be listed multiple times within that route group
- C. Each gateway can belong to multiple route groups and can be listed only once within each route group
- D. Each gateway can belong to multiple route groups and can be listed multiple times within each route group

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 101

Which statement about the DiffServ QoS deployment architecture is true?

- A. DiffServ does not differentiate traffic types and thus cannot provide service levels

- B. DiffServ architecture differentiates and classifies various types of traffic and provides several levels of service based on that classification
- C. Resource Reservation Protocol is an example of a DiffServ mechanism where each router on the path for packet transmission is informed of the upcoming packet stream
- D. DiffServ architecture provides QoS by assuring treatment for a specific traffic flow

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 102

Which three statements about the default VoIP dial peer are true? (Choose three.)

- A. VAD is disabled
- B. RSVP is not supported
- C. Only the G. 711 codec is supported
- D. The G.729 and G.711 codecs are supported
- E. Fax-rate service is supported
- F. DTMF relay is supported



Correct Answer: BDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 103

An engineer is setting up a system with voice and video endpoints using auto-QoS policy on the switches. Which DSCP values are expected for interactive voice and video?

- A. EF and AF41
- B. EF and CS6
- C. EF and CS3
- D. EF and AF21

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 104**

```
!  
ccm-manager redundant-host 10.1.5.3  
ccm-manager mgcp  
ccm-manager fax protocol cisco ccm-manager config  
!  
mgcp  
mgcp call-agent 10.1.5.2 2427 service-type mgcp  
version 0.1  
no mgcp package-capability res-package  
no mgcp timer receive-rtcp  
mgcp fax t38 ecm  
!  
mgcp profile default  
!
```

A Cisco Unified Communications Manager group is configured with the subscriber (10.1.5.3) listed first and the publisher (10.1.5.2) listed second. Which Cisco Unified Communications Manager is used for incoming calls through an MGCP gateway?

- A. the publisher
- B. both the publisher and subscriber in a round-robin format
- C. the first server listed in the Cisco Unified Communications Manager group list
- D. the subscriber

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 105**

Which route pattern wildcard character is used to terminate the interdigit timeout?

- A. \$
- B. !
- C. #

D. .

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 106

Which route pattern is the best match for the range of 6000 to 6599?

- A. 65XX
- B. 60XX
- C. 6[05]XX
- D. 6XXX
- E. 6[0-5]XX

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:



QUESTION 107

Which command is used to enter the DSP farm profile configuration mode?

- A. dspfarm-profile 100 transcode
- B. dspfarmprofile 100 transcode
- C. dspfarm profile 100 transcode
- D. dspfarm 100 profile transcode

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 108

Which codec provides native WebRTC-based video chat support in browsers such as Mozilla Firefox?

- A. H.265
- B. WMV
- C. H.264
- D. G.711
- E. H.323

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 109

When local route groups are used and a user dials 918005551212, what component is ultimately used to route the digits to the local gateway?

- A. The route list applied to the route pattern
- B. The device pool of the calling device
- C. The translation pattern
- D. The gateway or route list associated with the +.! route pattern



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference: