

Cisco

Exam Questions 350-801

Implementing and Operating Cisco Collaboration Core Technologies



NEW QUESTION 1

Which call routing pattern is used for phone numbers that are in the E.164 format?

- A. /+.! Route Pattern
- B. \+.! Route pattern
- C. \+.! Translation Pattern
- D. \+1.[2-9]XX[2-9]XXXXXXX called Party Transformation Pattern

Answer: B

NEW QUESTION 2

A company deploys centralized cisco ucm architecture for a hub location and two remote sites.

*The company has only one ITSP connection at the hub connection, and ITSP supports only G.711 calls

*Remote site A has a 1-Gbps fiber connection to the hub connection and calls to and from remote side A use G.711 codec

*Remote site B has a 1 T1 connection to the hub location and calls to and from remote site B use G.729 codec Based on the provided guidance, a Cisco voice engineer must design media resource management for the customer What is the method that needs to be followed?

- A. configure the hardware transcoder on the site B router
- B. configure the hardware transcoder on the site A router
- C. configure the hardware transcoder on the hub location router
- D. configure the software transcoder on Cisco UCM to support voice calls to and from both remote sites

Answer: C

NEW QUESTION 3

According to QoS guidelines, what is the packet loss for streaming video?

- A. Not more than 8%
- B. Not more than 1%
- C. Not more than 3%
- D. Not more than 5%

Answer: B

NEW QUESTION 4

A Company s employees have been complaining that they have been unable to select options on the internal IVR of the help desk. IT support has been given Cisco UCM traces and below is the snippet of the SDP of the INVITE packet.

```
m=audio 25268 RTP/AVP 18 101
a=rtpmap:0 PCMU/8000
a=rtpmap:18 G729/8000
a=ptime:20
a=fmtp:18 annexb=no
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-15
```

How is this issue resolved?

- A. Configure CODEC for G.729.
- B. Configure DTMF for KPML.
- C. Configure CODEC for G.722.
- D. Configure DTMF for RFC 2833.

Answer: B

NEW QUESTION 5

A company has an excessive number of call transfers to local and long-distance PSTN from Cisco Unity Connection voicemail. Which action in the Cisco Unity Connection restriction table resolves this issue?

- A. Block PSTN patterns on Default Transfe
- B. Default Outdia
- C. and Default System Transfer.
- D. Implement password complexity on voicemail boxes to prevent accounts from being compromised.
- E. Create a custom restriction table ?????????? and block it.
- F. Create a custom restriction table *****and block it.

Answer: A

NEW QUESTION 6

Which configuration concept allows for high-availability on IM and Presence services in a UC environment?

- A. IM and Presence subclusters (configured on Cisco UCM)
- B. Presence Redundancy Groups (configured on Cisco Unified IM and Presence)
- C. IM and Presence subclusters (configured on Cisco Unified IM and Presence)
- D. Presence Redundancy Groups (configured on Cisco UCM)

Answer: D

NEW QUESTION 7

Refer to the exhibit.

```
Bearer Capability i = 0x8090A2
  Standard = CCITT
  Transfer Capability = Speech
  Transfer Mode = Circuit
  Transfer Rate = 64 kbit/s
Channel ID i = 0xA98388
  Exclusive, Channel 8
Calling Party Number i = 0x2181, '5125551212'
  Plan: ISDN, Type: National
Called Party Number i = 0xA1, '2145551212'
  Plan: ISDN, Type: National
Mar 1 02:35:37: ISDN Se0/1/1:23 Q931: RX <- CALL_PROC pd = 8 callref = 0x809A
Channel ID i = 0xA98388
  Exclusive, Channel 8

interface Serial0/1/1:23
description PRI Circuit to R1
no ip address
encapsulation hdlc
isdn switch-type primary-ni
isdn protocol-emulate network
isdn incoming-voice voice
no cdp enable
```

An engineer is troubleshooting why PSTN phones are not receiving the caller's name when called from a remote Cisco UCM site. An ISDN PRI connection is being used to reach the PSTN. What must the administrator select to resolve the issue?

- A. isdn supp-service name calling
- B. isdn outgoing display-ie
- C. isdn enable did
- D. isdn send display le

Answer: A

NEW QUESTION 8

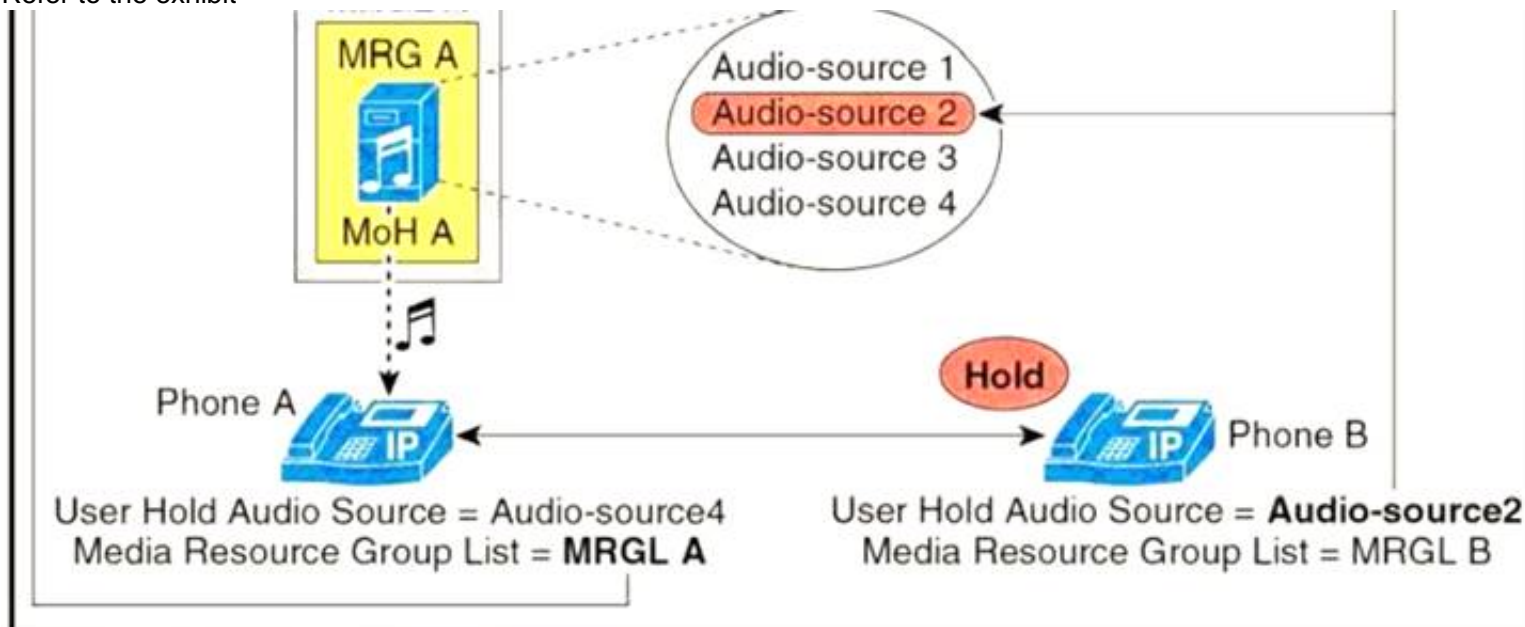
A customer is deploying a SIP IOS gateway for a customer who requires that in-band DTMF relay is first priority and out-of-band DTMF relay is second priority. Which 10\$ entry sets the required priority?

- A. dtmf-relay cisco-rtp
- B. dtmf-relay sip-kpml cisco-rtp
- C. sip-notify dtmf-relay rtp-nte
- D. dtmf-relay rtp-nte sip-notify

Answer: D

NEW QUESTION 9

Refer to the exhibit



There is a call flow between Phone A and Phone B. Phone B (holder) places Phone A (holder) on hold. Which MRGL and Audio Source are played to Phone A?

- A. MRGL A and Audio Source 4
- B. MRGL B and Audio Source 4
- C. MRGL A and Audio Source 2
- D. MRGL B and Audio Source 2

Answer: C

NEW QUESTION 10

An engineer troubleshoots a Cisco Jabber login problem on a Windows PC. The login fails with the error message "Cannot find your services automatically. Click advanced settings to set up manually " Which action should the engineer take first?

- A. Verify whether the cup-xmpp certificates are valid.
- B. Verify the username and password and try again.
- C. Perform a manual DNS lookup of SRV record _cisco-uds._tcp.domain.com.
- D. Perform a manual DNS lookup of SRV record _collab-edge._tls.domain.com.

Answer: C

NEW QUESTION 10

An engineer configures a SIP trunk for MWI between a Cisco UCM cluster and Cisco Unity Connection. The Cisco UCM cluster fails to receive the SIP notify messages. Which two SIP trunk settings resolve this issue? (Choose two.)

- A. accept out-of-dialog refer
- B. accept out-of-band notification
- C. transmit security status
- D. allow changing header
- E. accept unsolicited notification

Answer: AE

NEW QUESTION 11

On a cisco catalyst switch which command is required to send CDP packets on a switch port that configures a cisco IP phone to transmit voice traffic in 802.1q frames tagged with the voice VLAN ID 221?

- A. Device(config-if)# switchport access vlan 221
- B. Device(config-if)# switchport vlan voice 221
- C. Device(config~if)# switchport trunk allowed vlan 221
- D. Device(config-if)# switchport voice vlan 221

Answer: D

NEW QUESTION 16

Which Cisco UCM configuration is required for SIP MWI integrations?

- A. Enable "Accept presence subscription" on the SIP Trunk Security Profile.
- B. Select "Redirecting Diversion Header Delivery - Outbound" on the SIP trunk.
- C. Enable "Accept unsolicited notification" on the SIP Trunk Security Profile.
- D. Select "Redirecting Diversion Header Delivery - Inbound" on the SIP trunk.

Answer: C

NEW QUESTION 17

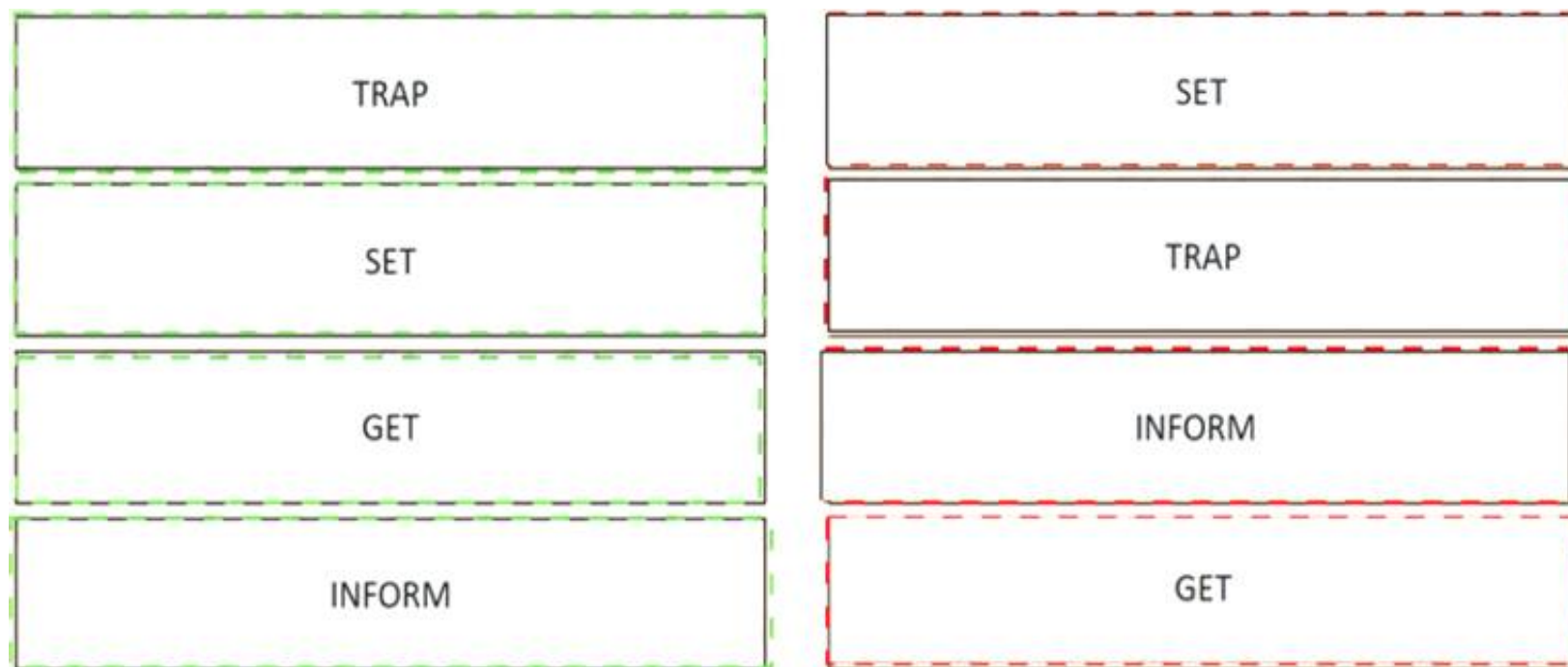
Drag and drop the SNMPv3 message types from the left onto the corresponding definitions on the right.

TRAP	messages used to modify a value of an object variable
SET	unreliable messages that alert the SNMP manager to a condition on the network
GET	reliable messages that alert the SNMP manager to a condition on the network
INFORM	messages used to retrieve an object instance

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 19

An administrator uses the Cisco Unified Real-Time Monitoring Tool to investigate recent calls on a Cisco UCM cluster. The SIP trace for an on-net, direct-media call shows two 180 Ringing and two 11 BYE messages. Why are there multiples of each message type in the trace?

- A. The source phone sends a 180 Ringing signal to the Cisco UC
- B. which sends a 180 Ringing signal to the destination phone
- C. The same process applies to 11 BYE messages.
- D. The source phone must signal to the destination phone that it is ringing, and the destination phone signals back with a 180 Ringing message
- E. The same process applies to 11 BYE messages.
- F. The calls have an MTP in the call path due to different codec support
- G. The calls are subsequently split into two call legs.
- H. The destination phone signals back to the Cisco UCM that it is ringing, and the Cisco UCM signals back to the source phone.

Answer: A

NEW QUESTION 23

Refer to the exhibit.

```

hqcucmpub.pkinane.com - PuTTY
login as: admin
admin@hqcucmpub.pkinane.com's password:
Command Line Interface is starting up, please wait ...

Welcome to the Platform Command Line Interface

VMware Installation:
  2 vCPU: Intel(R) Xeon(R) CPU E5-2699 v3 @ 2.30GHz
  Disk 1: 110GB, Partitions aligned
  8192 Mbytes RAM
  WARNING: DNS unreachable

admin:
  
```

An administrator accesses the terminal of a Cisco UCM and starts a packet capture. Which two commands must the administrator use on Cisco UCM to generate DNS traffic? (Choose two.)

- A. utils ntp status
- B. show cdp neighbor
- C. show version active
- D. utils diagnose test
- E. utils diagnose module validate Network

Answer: DE

NEW QUESTION 28

An administrator must make a pattern to route calls to two different destinations john.doe@company.com and jane.doe@company.com. Which type of patterns are needed in the Cisco UCM, and what must the pattern look like?

- ☐ A SIP route pattern that looks like this: *@company.com
- ☐ A SIP route pattern that looks like this: company.com
- ☒ A regular route pattern with the URI feature enabled in the configuration page. The pattern must look like this : (*@company.com)
- ☐ A regular route pattern with the URI feature enabled in the configuration page. The pattern must look like this: MATCH(*.doe@company.com)

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

NEW QUESTION 31

Refer to the exhibit.

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Cisco Unified CM Administration

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Region configuration

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Save Delete Copy Reset Apply Config Add New

Region Information

Name* REGION1

Region Relationships

Region	Audio Codec Preference List Configuration	Maximum Audio Bit Rate	Maximum Session Bit Rate for Video Calls	Maximum Session Bit Rate for Immersive Video Calls
REGION1	CCNP COLLAB	60 kbps	384 kbps	2147483647 kbps
REGION2	CCNP COLLAB	64 kbps (G.722, 6.711)	Use System Default (384 kbps)	Use System Default (2900000000 kbps)
NOTE: Regions not displayed	Use System Default	Use System Default	Use System Default	Use System Default

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Audio Codec Preference List Configuration

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Save Delete Copy Add New

Status

Status: Ready

Audio Codec Preference Information

Name* CCNP COLLAB

Description* CCNP COLLAB

Codecs in List
G.722 48k
G.711 U-Law 64k
G.729 8k
G.711 A-Law 56k

An engineer is troubleshooting this video conference issue:
*A video call between a Cisco 9971 in Region1 and another Cisco 9971 in Region1 works.
*As soon as the Cisco 9971 in Region1 conferences in a Cisco 8945 in Region2. the Region1 endpoint cannot see the Region2 endpoint video.
What is the cause of this issue?

- A. Maximum Audio Bit Rate must be increased.
- B. Maximum Session Bit Rate for Immersive Video Calls is too low.
- C. Maximum Session Bit Rate for Video Calls is too low.
- D. Cisco 8945 does not have a camera connected.

Answer: C

NEW QUESTION 36

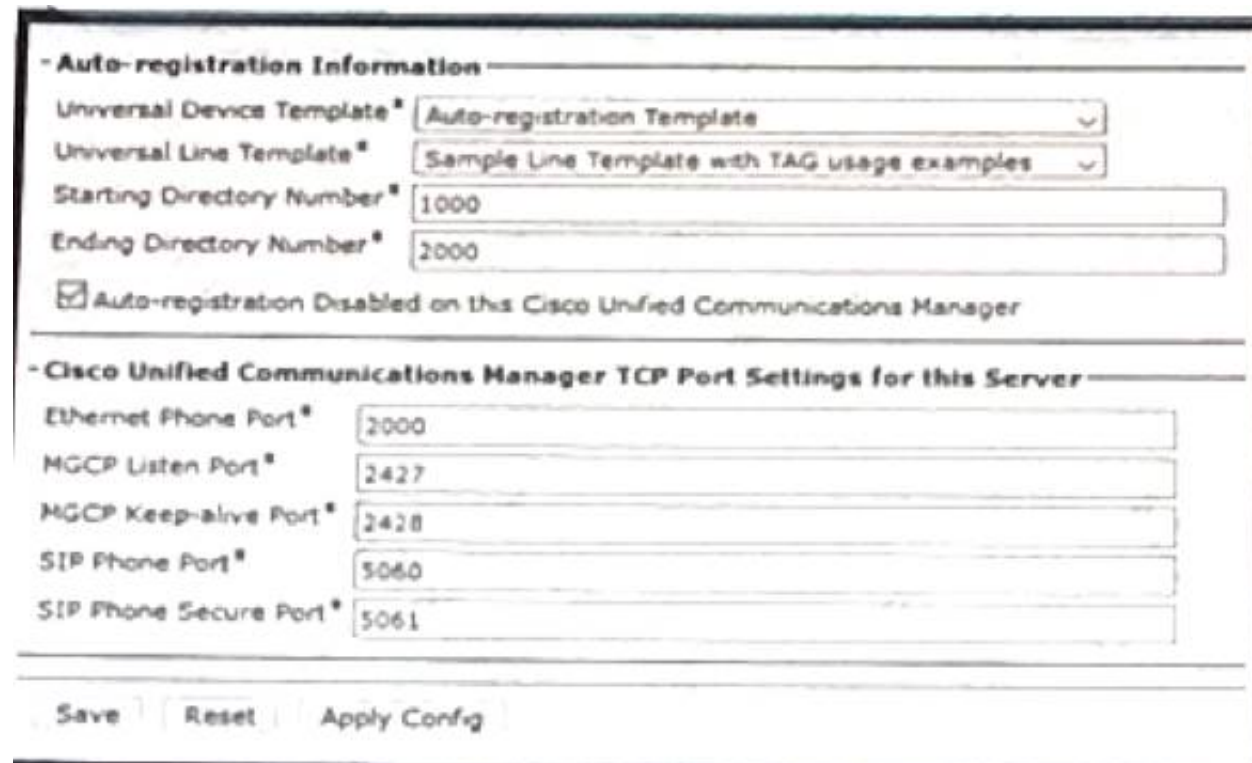
Users want their mobile phones to be able to access their cisco unity connection mailboxes with only having to enter their voicemail pin at the login prompt calling pilot number where should an engineer configure this feature?

- A. transfer rules
- B. message settings
- C. alternate extensions
- D. greetings

Answer: C

NEW QUESTION 38

Refer to the exhibit.



The screenshot shows the configuration page for a Cisco Unified Communications Manager server. It is divided into two main sections:

- Auto-registration Information -**
 - Universal Device Template*: Auto-registration Template (dropdown)
 - Universal Line Template*: Sample Line Template with TAG usage examples (dropdown)
 - Starting Directory Number*: 1000 (text field)
 - Ending Directory Number*: 2000 (text field)
 - ☒ Auto-registration Disabled on this Cisco Unified Communications Manager (checkbox)
- Cisco Unified Communications Manager TCP Port Settings for this Server -**
 - Ethernet Phone Port*: 2000 (text field)
 - MGCP Listen Port*: 2427 (text field)
 - MGCP Keep-alive Port*: 2428 (text field)
 - SIP Phone Port*: 5060 (text field)
 - SIP Phone Secure Port*: 5061 (text field)

At the bottom, there are three buttons: Save, Reset, and Apply Config.

Which action must an engineer take to implement self-provisioning on a primary communications manager server?

- A. Select a different Universal Line Template.
- B. Change the SIP Phone Secure Port.
- C. Uncheck the auto-registration Disabled checkbox.
- D. Select a different Universal Device Template.

Answer: C

NEW QUESTION 42

Which two steps should be taken to provision a phone after the Self-Provisioning feature was configured for end users? (Choose two.)

- A. Ask the Cisco UCM administrator to associate the phone to an end user.
- B. Plug the phone into the network.
- C. Dial the hunt pilot extension and associate the phone to an end user
- D. Dial the self-provisioning IVR extension and associate the phone to an end user.
- E. Enter settings menu on the phone and press *, *,# (star, star, pound).

Answer: BD

NEW QUESTION 45

An engineer configures Cisco UCM to prevent toll fraud. At which two points does the engineer block the pattern in Cisco UCM to complete this task? (Choose two.)

- A. partition
- B. route partem
- C. translation pattern
- D. CSS
- E. route group

Answer: AD

NEW QUESTION 47

Which behavior occurs when Cisco UCM has a CallManager group that consists of two subscribers?

- A. Endpoints attempt to register with the bottom subscriber in the list.
- B. Endpoints attempt to register with the top subscriber in the list.
- C. Endpoints attempt to register with both subscribers in a load-balanced method.
- D. If a subscriber is rebooted, endpoints deregister until the rebooted system is back in service.

Answer: B

NEW QUESTION 51

An administrator works with an ISDN PRI that is connected to a third-party PBX. The ISDN link does not come up, and the administrator finds that the third-party PBX uses the OSIG signaling method. Which command enables the Cisco IOS Gateway to use QSIG signaling on the ISDN link?

- A. isdn incoming-voice voice
- B. isdn switch-type basic-ni
- C. isdn switch-type basic-qsig
- D. isdn switch-type primary-qsig

Answer: D

NEW QUESTION 56

Which QoS marking is used when an administrator configures voice call signaling?

- A. AF41
- B. CS3
- C. CS4
- D. EF

Answer: B

NEW QUESTION 59

An administrator troubleshoots call flows and suspects that there are issues with the dial plan. Which tool enables a quick analysis of the dial plan and provides call flows of dialled digits?

- A. Cisco Dial Plan Analyzer
- B. Dial Plan Analyzer
- C. Digit Analysis Analyzer
- D. Dialed Number Analyzer

Answer: D

NEW QUESTION 64

What is a description of the DiffServ model used for implementing QoS?

- A. AF41 has higher drop precedence than AF42, which has higher drop precedence than AF43.
- B. Voice and video calls are marked with different DSCP values and placed in different queues.
- C. AF43 has higher drop precedence than AF42 but lower drop precedence than AF41.
- D. RTP traffic from voice and video calls is marked EF and placed in the same queue.

Answer: A

NEW QUESTION 65

An engineer implements a new Cisco UCM based telephony system per these requirements.

- The local Ethernet bandwidth is sized based on the total bandwidth per call
- A G 736 codec is used.
- The bit rate is 64 kbps
- The codec sample interval is 10 ms
- The voice payload size is 160 bytes per 20 ms

What should the size of the Ethernet bandwidth be per call?

- A. 31.2 kbps
- B. 38.4 kbps
- C. 55.2 kbps
- D. 87.2 kbps

Answer: D

NEW QUESTION 69

Which IP Precedence value is used to classify a call signalling packet?

- A. 6
- B. 5
- C. 4
- D. 3

Answer: D

NEW QUESTION 72

What is the maximum number of servers that are in an IM and Presence presence redundancy group?

- A. 10
- B. 6
- C. 2
- D. 4

Answer:

C

NEW QUESTION 74

An administrator is in the process of moving Cisco Unity Connection mailboxes between mailbox stores. The administrator notices that some mailboxes have active Message Waiting Indicators. What happens to these mailboxes when they are moved?

- A. The move will fail if MWI status is active.
- B. The MWI status is retained after a mailbox is moved from one store to another.
- C. If the source and target mailbox store are not disabled, MWI status is not retained.
- D. Moving the mailboxes from one store to another fails if MWI is turned on.

Answer: B

NEW QUESTION 78

An engineer deploys a Cisco Expressway-E server for a customer who wants to utilize all features on the server. Which feature does the engineer configure on the Expressway-E?

- A. H.323 endpoint registrations
- B. Mobile and Remote Access
- C. SIP gateway for PSTN providers
- D. VTC bridge

Answer: B

NEW QUESTION 82

End users report bad video quality and voice choppiness on Cisco Collaboration endpoints. The engineer changed the device pool the users were in but did not correct the problem. Which action should be taken to troubleshoot this issue?

- A. Use direct IP address calls between two endpoints to troubleshoot call quality issues.
- B. Restart the Cisco Location Bandwidth Manager service on the Cisco UCM publisher.
- C. Check for duplex/speed mismatches between the network port settings of the system and network switch.
- D. Set the service parameter Use Video Bandwidth Pool for Immersive Video Calls to "false".

Answer: D

NEW QUESTION 85

Refer to the exhibit. An engineer is confining class of control for a user in Cisco UCM. Which change will ensure that the user is unable to call 2143?

- A. Change line partition to Partition_A
- B. Change line CSS to only contain Partition_B
- C. Set the user's line CSS to <None>
- D. Set the user's device CSS to <None>

Answer: D

NEW QUESTION 88

A company wants to provide remote user with access to its premises Cisco collaboration features. Which components are required to enable cisco mobile and remote access for the users?

- A. Cisco Unified Border Element, Cisco IM and Presence Server, and Cisco Video Communication Server
- B. Cisco Expressway-E Cisco Expressway-C and Cisco UCM
- C. Cisco Expressway-E, Cisco IM and Presence Server, and Cisco Video Communication Server
- D. Cisco Unified Border Element
- E. Cisco UCM, and Cisco Video Communication Server

Answer: B

NEW QUESTION 90

Refer to the exhibit.

NAME	TTL	CLASS	TYPE	Priority	Weight	Port	Target Address
_sip._tcp.sample.com	86400	IN	SRV	10	60	5060	server1.sample.com
_sip._tcp.sample.com	86400	IN	SRV	10	30	5060	server2.sample.com
_sip._tcp.sample.com	86400	IN	SRV	5	20	5060	server3.sample.com

An administrator must fix the SRV records to ensure that server1. sample.com is always contacted first from the three servers. Which solution should the engineer apply to resolve this issue?

- A. Priority = 100, Weight = 90
- B. Priority = 10, Weight = 5
- C. Priority = 10, Weight = 10
- D. Priority = 5, Weight = 70

Answer: D

NEW QUESTION 91

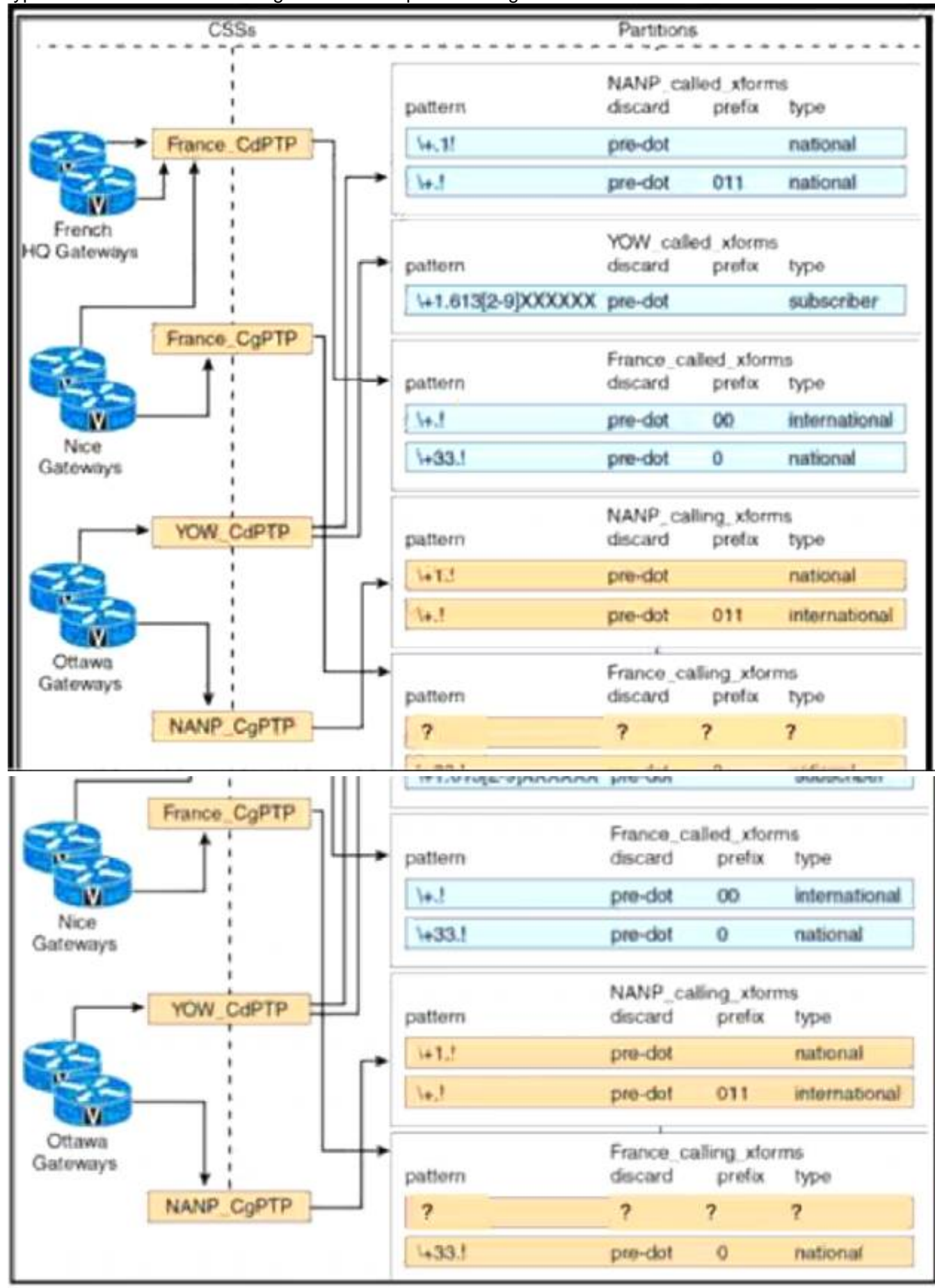
How are network devices monitored in a collaboration network?

- A. The Cisco Discovery Protocol table is shared among devices.
- B. Ping Sweep reports "unmanaged" state devices.
- C. System logs are collected in a Cisco Prime Collaboration Server.
- D. Simple Network Managed Protocol is enabled on each device to poll specific values periodically.

Answer: C

NEW QUESTION 95

Refer to the exhibit A call from +1 613 555 1234 that is sent out through the Nice Gateways should result in a calling party of 001 613 555 1234 with the numbering type "international" Which configuration accomplishes this goal?



- A. \+.001! pre-dot 1 international
- B. \+1.1 none pre-dot 001 international
- C. \+! pre-dot 00 international
- D. 613XXXXXXX none +011 internationa

Answer: C

NEW QUESTION 98

On a Cisco Catalyst Switch, which command is required to send CDP packets on a switch port that configures a Cisco IP phone to transmit voice traffic in 802.1Q frames, tagged with the voice VLAN ID 221?

- A. Device(config-if)# switchport voice vlan 221
- B. Device(config-if)# switchport vlan voice 221

- C. Device(config-if)# switchport access vlan 221
- D. Device(config-if)# switchport trunk allowed vlan 221

Answer: A

NEW QUESTION 103

Which action prevent toll fraud in Cisco Unified Communication Manager?

- A. Configure ad hoc conference restriction
- B. Implement toll fraud restriction in the Cisco IOS router
- C. Allow off-net to off-net transfer
- D. Implement route patterns in Cisco Unified CM

Answer: A

NEW QUESTION 107

The IP phones at a customer site do not pick an IP address from the DHCP. An engineer must temporarily disable LLDP on all ports of the switch to leave only CDP. Which two commands accomplish this task? (Choose two.)

- A. Switch# copy running-config startup-config
- B. Switch(config)# no lldp run
- C. Switch# configure terminal
- D. Switch(config)# interface GigabitEthernet1/0/1
- E. Switch(config)# no lldp transmit

Answer: BC

NEW QUESTION 112

Which DHCP option must be set up for new phones to obtain the TFTP server IP address?

- A. option 66
- B. option 15
- C. option 6
- D. option 120

Answer: A

NEW QUESTION 117

Which service on the Presence Server is responsible for maintaining the point-to-point chat connections between Jabber clients?

- A. Cisco SIP Proxy
- B. Cisco XCP Text Conference Manager
- C. Cisco XCP Router
- D. Cisco XCP XMPP Federation Manager

Answer: B

NEW QUESTION 121

Which attribute contains an XMPP stanza?

- A. iq
- B. message
- C. type
- D. presence

Answer: A

NEW QUESTION 125

What are the last two bits of a DS field in DiffServ Byte used for?

- A. INC
- B. AFxy
- C. ECN
- D. RMI

Answer: C

NEW QUESTION 130

A Cisco UCM administrator sets up new route patterns to support phones in four different locations, all with local gateways. The administrator wants to use the same route pattern for all four locations. How must the system be configured to achieve this goal?

- A. Use CSS alternate routing rules.
- B. Use standard local route groups.
- C. Add a CSS to each local gateway.
- D. Use transforms in the route groups.

Answer: B

NEW QUESTION 132

When setting a new primary DNS server in the Cisco UCM CLI what is required for the change to take affect?

- A. restart of CallManager service
- B. restart of DirSync service
- C. restart of the network service
- D. restart of TFTP service

Answer: C

NEW QUESTION 136

Refer to the Exhibit.

```
dspfarm profile 1 mtp  
  codec g711ulaw  
  maximum sessions software 50  
  associate application SCCP
```

Which command is required to allow this media resource to handle Video Media streams?

- A. maximum sessions hardware 50
- B. video codec h264
- C. codec pass-through
- D. associate application Cisco unified border element

Answer: C

NEW QUESTION 137

An administrator executes the debug isdn q931 command while debugging a failed call. After a test call is placed, the logs return a disconnect cause code of 1. What is the cause of this problem?

- A. The media resource is unavailable.
- B. The destination number rejects the call.
- C. The destination number is busy.
- D. The dialed number is not assigned to an endpoint.

Answer: D

NEW QUESTION 141

An administrator needs to help a remote employee make a free call to an international destination. The administrator calls the employee, then conferences in the international party. The administrator drops the call, and the employee and the international party continue their conversation. Which action prevents this type of toll fraud in the Cisco UCM?

- A. Set service parameter 'Advanced Ad Hoc Conference' to FALSE.
- B. Set service parameter "Drop Ad Hoc Conference" to "When Conference Controller leaves."
- C. Set service parameter "Advanced Ad Hoc Conference" to 2.
- D. Set service parameter "Drop Ad Hoc Conference" to "Do not allow outside parties."

Answer: B

NEW QUESTION 143

An engineer implements QoS in the enterprise network. Which command is used to verify the classification and marking on a Cisco IOS switch?

- A. show class-map interface GigabitEthernet 1/0/1
- B. show policy-map interface GigabitEthernet 1/0/1
- C. show access-lists
- D. show policy-map

Answer: B

NEW QUESTION 148

Which DSCP value and PHB equivalent are the default for audio calls?

- A. 48 and EF
- B. 34 and AF41
- C. 32 and AF41
- D. 32 and CS4

Answer: A

NEW QUESTION 153

An engineer must configure a SIP route pattern using domain routing with destination +13135551212. The domain ciscocm1.jupiter.com resolves to 192.168.1.3. How must the IPV4 Pattern be configured?

- A. +13135551212@192.168.1.3
- B. ciscocm1.jupiter.com
- C. \+13135551212@192.168.1.3
- D. 192.168.1.3

Answer: B

NEW QUESTION 155

How does Cisco UCM perform a digit analysis on-hook versus off-hook for an outbound call from a Cisco IP phone that is registered to Cisco UCM?

- A. On-hoo
- B. by pressing the digits and entering "#" to process the cal
- C. UCM performs a digit-by-digit analysis; off-hoo
- D. UCM analyzes all digits as a string.
- E. On-hoo
- F. no digit analysis is performed; off-hoo
- G. UCM requires the '#' to start the digit analysis
- H. On-hoo
- I. UCM performs a digit-by-digit analysis; off-hoo
- J. UCM considers all digits were dialed and does not wait for additional digits.
- K. On-hoo
- L. UCM considers all digits were dialed and does not wait for additional digits; off-hoo
- M. UCM performs a digit-by-digit analysis.

Answer: D

NEW QUESTION 156

A user dials 9011841234567 to reach Vietnam. Which steps send the call to the PSTN provider as 011841234567?

A)

in the Called Party Transformation Pattern Configuration section,
configure the Pattern as 9.011841234567
configure the Discard Digits as Predot

B)

in the Calling Party Transformation Patterns section,
configure the Pattern as 9.011841234567
configure the Discard Digits as Predot 10-10-Dialing

C)

in the Calling Party Transformation Patterns section,
configure the Pattern as 9.011841234567
configure the Discard Digits as Predot

D)

in the Called Party Transformation Pattern Configuration section,
configure the Pattern as 9.011841234567
configure the Discard Digits as Predot 10-10-Dialing

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

NEW QUESTION 160

Where in Cisco UCM is restrictions on audio bandwidth configured?

- A. location
- B. partition
- C. region
- D. serviceability

Answer: C

NEW QUESTION 162

On which protocol and port combination does Cisco Prime Collaboration receive notifications (Traps and InformRequests) from several network devices in the Collaboration infrastructure for which it has requested notifications?

- A. UDP161
- B. TCP 161
- C. UDP 162
- D. TCP 80

Answer: C

NEW QUESTION 165

An administrator would like to set several Cisco Jabber configuration parameters to only apply to mobile clients (iOS and Android). How does the administrator accomplish this with Cisco Jabber 12.9 and Cisco UCM 12.5?

- A. Assign the desired configuration file to "Mobile" Jabber Client Configuration in the Service Profile.
- B. Upload the jabber-config.enc file to TFTP
- C. Create a user profile in Jabber Policies.
- D. Deploy jabber-config-user.xml on iOS and Android devices.

Answer: A

NEW QUESTION 169

Which two steps are required for bulk configuration transactions on the Cisco UCM database utilizing BAT? (Choose two.)

- A. A data file in Abstract Syntax Notation One format must be uploaded to Cisco UCM
- B. A server template must be created in Cisco UCM
- C. A data file in comma-separated values format must be uploaded to Cisco UCM
- D. A data file in Extensible Markup Language format must be uploaded to Cisco UCM
- E. A device template must be created in Cisco UCM

Answer: CE

NEW QUESTION 171

How does traffic policing respond to violations?

- A. Excess traffic is dropped.
- B. Excess traffic is retransmitted.
- C. All traffic is treated equally.
- D. Excess traffic is queued.

Answer: A

NEW QUESTION 176

Which dial plan function restricts calls that are made by a lobby phone to internal extensions only?

- A. manipulation of dialed destination
- B. path selection
- C. calling privileges
- D. endpoint addressing

Answer: C

NEW QUESTION 181

Given this H.323 gateway configuration and using Cisco best practices, how must the called party transformation pattern be configured to ensure that a proper ISDN type of number is set?

```
voice translation-rule 40
 rule 1 /3...$/ /408555&/
!
voice translation-profile INT
 translate calling 40
!
dial-peer voice 9011 pots
 translation-profile outgoing INT
 destination-pattern 9011T
 port 0/1/0:23
```

A.

Pattern Definition

Pattern *

Partition

Description

Numbering Plan

Route Filter

☒ Urgent Priority

☐ MLPP Preemption Disabled

Called Party Transformations

Discard Digits

Called Party Transformation Mask

Prefix Digits

Called Party Number Type *

Called Party Numbering Plan *

B.

Pattern Definition

Pattern *

Partition

Description

Numbering Plan

Route Filter

☒ Urgent Priority

☐ MLPP Preemption Disabled

Called Party Transformations

Discard Digits

Called Party Transformation Mask

Prefix Digits

Called Party Number Type *

Called Party Numbering Plan *

C.

Pattern Definition

Pattern *

Partition

Description

Numbering Plan

Route Filter

☒ Urgent Priority

☐ MLPP Preemption Disabled

Called Party Transformations

Discard Digits

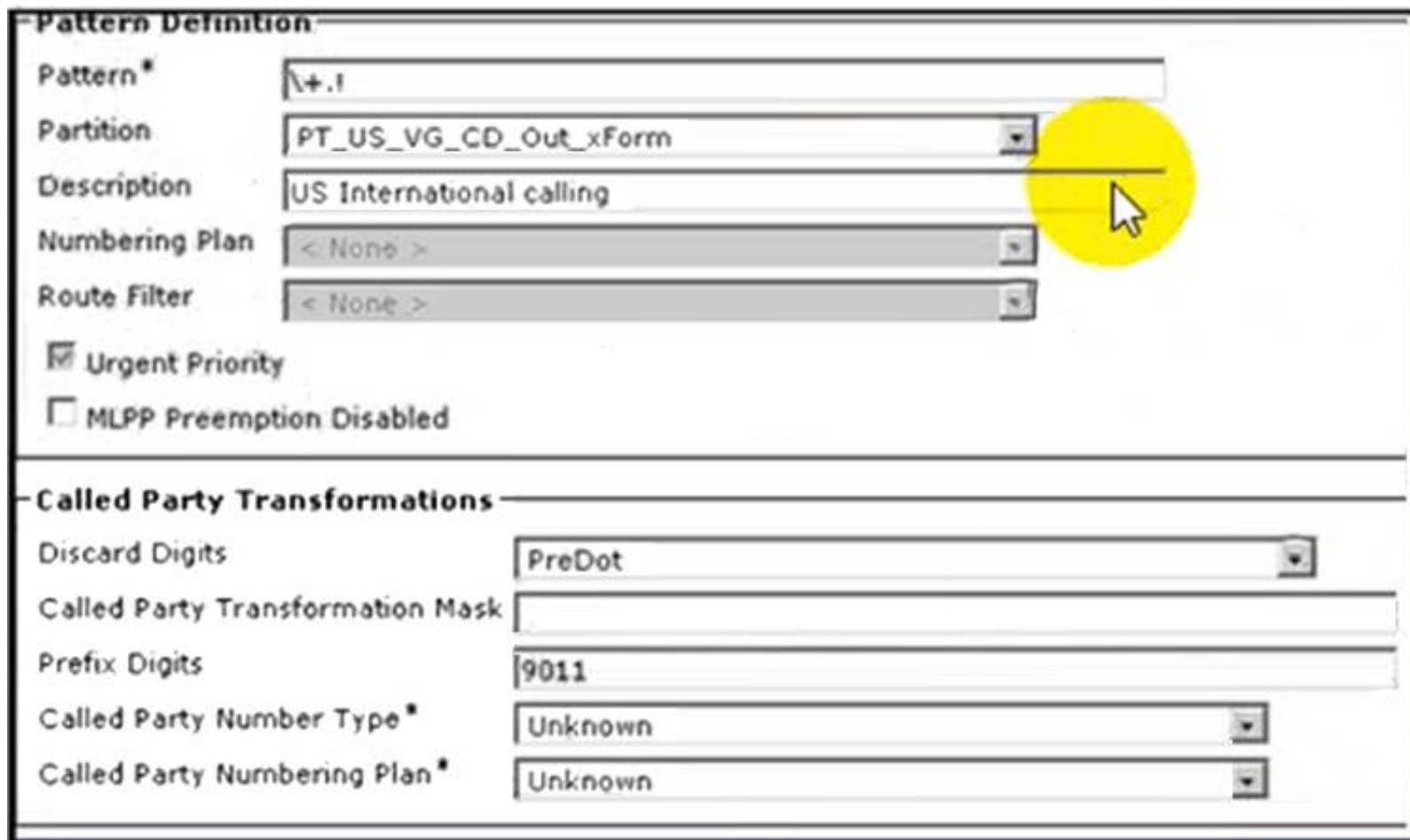
Called Party Transformation Mask

Prefix Digits

Called Party Number Type *

Called Party Numbering Plan *

D.



Pattern Definition

Pattern*

Partition

Description

Numbering Plan

Route Filter

☒ Urgent Priority

☐ MLPP Preemption Disabled

Called Party Transformations

Discard Digits

Called Party Transformation Mask

Prefix Digits

Called Party Number Type*

Called Party Numbering Plan*

Answer: C

NEW QUESTION 182

What are two QoS requirements for VoIP traffic?

- A. Voice traffic must be marked "to DSCP EF.
- B. Loss must be no more man 1 percent.
- C. Voice traffic must be marked to DSCP AF41.
- D. One-way latency must be no more than 200 ms.
- E. Average one-way jitter is greater than 50 ms.

Answer: AB

NEW QUESTION 186

Which DSCP marking is represented as 101110 in an IP header?

- A. EF
- B. CS3
- C. AF41
- D. AF31

Answer: A

NEW QUESTION 190

When designing the capacity for a Cisco UCM 12.x cluster, an engineer must decide which VMware template will be used for each node. What is the lowest number of users supported in a template and the highest number of users in a template?

- A. 750 and 15.000 users
- B. 750 and 10.000 users
- C. 500 and 10.000 users
- D. 1000 and 10.000 users

Answer: D

NEW QUESTION 194

An administrator configures the voicemail feature in a Cisco collaboration deployment. The user mailboxes must be configured when the Cisco Unity Connection server is configured. Which action accomplishes this task?

- A. Configure a SIP integration with Cisco UCM to sync users.
- B. Configure an SCCP integration with Cisco UCM.
- C. Configure an AXL server to access the Cisco UCM users.
- D. Configure an active directory to sync the users who will have a voicemail box.

Answer: C

NEW QUESTION 198

Refer to the exhibit.


```
05:50:14.102: ISDN BR0/1/1 Q921: User TX -> IDREQ ri=21653 ai=127
05:50:14.134: ISDN BR0/1/1 Q921: User RX <- SABMEp sapi=0 tei=0
05:50:14.150: ISDN BR0/1/1 Q921: User TX -> IDREQ ri=19004 ai=127
05:50:14.165: ISDN BR0/1/1 Q921 User RX <- SABMEp sapi=0 tei=0
```

A customer submits this debug output, captured on a Cisco IOS router. Assuming that an MGCP gateway is configured with an ISDN BRI interface, which BRI changes resolve the issue?

A. C:\Users\wk\Desktop\mudassar\Untitled.jpg

```
interface BRI0/1/0
no ip address
isdn switch-type basic-net3
isdn point-to-multipoint-setup
isdn incoming-voice voice
isdn send-alerting
isdn static-tei 0
```

B. C:\Users\wk\Desktop\mudassar\Untitled.jpg

```
interface BRI0/1/1
no ip address
isdn switch-type basic-net3
isdn point-to-multipoint-setup
isdn incoming-voice voice
isdn send-alerting
isdn static-tei 0
```

C. **interface BRI0/1/1**

```
no ip address
isdn switch-type basic-net3
isdn point-to-point-setup
isdn incoming-voice voice
isdn send-alerting
isdn static-tei 0
```

D. C:\Users\wk\Desktop\mudassar\Untitled.jpg

```
interface BRI0/1/1
no ip address
isdn switch-type basic-net3
isdn incoming-voice voice
isdn send-alerting
isdn static-tei 0
```

Answer: C

NEW QUESTION 201

Refer to the exhibit.

```
Sent:
INVITE sip:2004@192.168.100.100:5060 SIP/2.0
Via: SIP/2.0/UDP 192.168.100.200:5060;branch=z9hG4bKFI1FED
From: "7000" <sip:7000@192.168.100.200>;tag=43CDE-1A22
To: <sip:2004@192.168.100.100>
Call-ID: 26BCA00-4C4E11EA-80169514-B1C46126@192.168.100.200
Supported: 100rel,timer,resource-priority,replaces,sdp-angat
Min-SE: 1800
User-Agent: Cisco-SIPGateway/IOS-16.9.5
Allow: INVITE, OPTIONS, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFY, INFO, REGISTER
CSeq: 101 INVITE
Contact: <sip:7000@192.168.100.200:5060>
Expires: 180
Max-Forwards: 68
P-Asserted-Identity: "7000" <sip:7000@192.168.100.200>
Session-Expires: 1800
Content-Type: application/sdp
Content-Length: 254

v=0
o=CiscoSystemsSIP-GW-UserAgent 5871 9974 IN IP4 192.168.100.200
s=SIP Call
c=IN IP4 192.168.100.200
t=0 0
m=audio 8002 RTP/SAVP 0
c=IN IP4 192.168.100.200
a=rtpmap:0 PCMU/8000
a=ptime:20
```

Calls to Cisco Unity Connection are failing across Cisco Unified Border Element when callers try to select a menu prompt Why is this happening and how is it fixed?

- A. Cisco Unity Connection is configured on G.729 onl
- B. Cisco Unity Connection must be reconfigured to support iLBC.
- C. Cisco Unified Border Element is not sending any support for DTM
- D. OTMF configuration must be added to the appropriate dial peer.
- E. Cisco Unified Border Element is sending the incorrect media IP addres
- F. The IP address of the loopback interface must be advertised in the SDP
- G. The Cisco Unity Connection Call Handler is configured for a "Release to Switch" transfer type Transfers must be disabled for the Cisco Unity Connection Call Handler

Answer: B

NEW QUESTION 205

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