

# Cisco

## Exam Questions 350-801

Implementing and Operating Cisco Collaboration Core Technologies



#### NEW QUESTION 1

What is the element of Cisco Collaboration infrastructure that allows Jabber clients outside of the network to register in Cisco Unified Communications Manager and use its resources?

- A. Cisco IM and Presence node
- B. Cisco Unified Border Element
- C. Cisco Expressway
- D. Cisco Prime Collaboration Provisioning server

**Answer:** C

#### NEW QUESTION 2

A Cisco Unity Connection Administrator must set a voice mailbox so that it can be accessed from a secondary device. Which configuration on the voice mailbox makes this change?

- A. Attempt Forward routing rule
- B. Alternate Extensions
- C. Alternate Names
- D. Mobile User

**Answer:** A

#### NEW QUESTION 3

An engineer encounters third-party devices that do not support Cisco Discovery Protocol. What must be configured on the network to allow device discovery?

- A. LACP
- B. TFTP
- C. LLDP
- D. SNMP

**Answer:** C

#### NEW QUESTION 4

Multiple route patterns match a number. How does Cisco Unified Communications Managers determine which pattern to use?

- A. the one that comes first in numerical order
- B. the one with the longest match
- C. the one with the closest match
- D. the one that discards everything PreDot

**Answer:** C

#### Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/voice-unified-communications/unified-communications-manager-callmanager/13920-call-routing.html#bcr>

#### NEW QUESTION 5

An engineer must extend the corporate phone system to mobile users connecting through the internet with their own devices. One requirement is to keep that as simple as possible for end users. Which infrastructure element achieves these goals?

- A. Cisco Express Mobility
- B. Cisco Expressway-C and Expressway-E
- C. Cisco Unified Border Element
- D. Cisco Unified Instant Messaging and Presence

**Answer:** C

#### NEW QUESTION 6

Which issue causes slips on a PRI?

- A. incorrect clock source
- B. incorrect encapsulation
- C. incorrectly configured time zone
- D. change in the line code

**Answer:** A

#### NEW QUESTION 7

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

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### NEW QUESTION 13

Which two conditions must a user meet to provision a new device using the Self-Provisioning feature? (Choose two.)

- A. The user must have a primary extension.
- B. At least two DNs must be assigned to the user device.
- C. The user must be part of "Standard CCM Super User".
- D. The user must have the appropriate universal device template linked to the user profile.
- E. The user must have at least user device profile assigned.

**Answer:** AD

### NEW QUESTION 17

Regarding SIP integrations with Cisco Unified Communications Manager, if the Cisco Unity Connection is configured to listen for incoming IPv4 and IPv6 traffic, how should the addressing mode be set up in the Cisco Unity Connection?

- A. Set up is not required.
- B. Set up for each group to use IPv4 and IPv6.
- C. Set up media ports for each port group to use IPv4.
- D. Set up IPv4 and IPv6 in Cisco Unified CM.

**Answer:** B

### NEW QUESTION 19

A present redundancy group is deployed, and an engineer with ID012345678 initiates a manual fallback. Which statement about Cisco Server Recovery Manager is true?

- A. disconnects all users that had been failed over, and the users must log in again.
- B. disconnects all users that had been failed over
- C. restarts critical on the secondary node
- D. restarts the Cisco Presence Engine

**Answer:** B

### NEW QUESTION 22

Given the 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?

```
INVITE sip:4000@172.16.1.1:5061 SIP/2.0
Via: SIP/2.0/TLS 172.16.2.143:5061;branch=z9hG4bK8FD315E7
Remote-Party-ID: <sip:+14088335000@172.16.2.143>;party=calling;screen=no; privacy=off
From: <sip:+14088335000@172.27.2.143>;tag=7B42E5F6-9B8
To: <sip:4000@172.16.1.1>
Date: Tue, 06 Aug 2019 15:03:05 GMT
Call-ID: 4EA4363-B77111E9-8A4AFFCF-10B6D71B@172.16.2.143
Supported: 100rel,timer,resource-priority, replaces,sdp-anat
Min-SE: 1800
Cisco-Guid: 0082391505-3077640681-2319777743-0280418075
User-Agent: Cisco-SIPGateway/IOS-15.5.3.S4b
Allow: INVITE, OPTIONS, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFY, INFO, REGISTER
CSeq: 101 INVITE
Timestamp: 1565089565
Contact: <sip:+ 14088335000@172.16.2.143:5061;transport=tls>
Expires: 180
Allow-Events: telephone-event
Max-Forwards: 68
Content-Type: application/sdp
Content-Disposition: session;handling=required
Content-Length: 416
v=0
o=CiscoSystemsSIP-GW-UserAgent 8486 8298 IN IP4 172.16.2.143
s=SIP Call
c=IN IP4 172.16.2.143
t=0 0
m=audio 44612 RTP/SAVP 0 101
c=IN IP4 172.16.2.143
a=crypto:XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
a=crypto:XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
a=rtpmap:0 PCMU/8000
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-16
a=ptime:20
```

A.



voice

interactive video

bulk data

call-signaling

network management

AF11

CS2

EF

AF31/CS3

AF41

B.

voice

interactive video

bulk data

call-signaling

network management

bulk data

network management

voice

call-signaling

interactive video

C.

mgcp

mgcp call-agent 172.16.1.252

ccm-manager config server 172.16.1.252

ccm-manager config

ccm-manager mgcp

!

dial-peer voice 1 pots

port 1/0/0

shut

no shut

!

mgcp

ccm-manager config server 172.16.1.252

ccm-manager config

!

dial-peer voice 1 pots

application MGCPAPP

port 1/0/0

!

mgcp

mgcp call-agent 172.16.1.252

ccm-manager config server 172.16.1.252

ccm-manager config

ccm-manager mgcp

!

dial-peer voice 1 pots

application MGCPAPP

port 1/0/0

shut

no shut

!

mgcp

mgcp call-agent 172.16.1.252

ccm-manager config server 172.16.1.252

ccm-manager config

ccm-manager mgcp

!

dial-peer voice 1 pots

port 1/0/0

shut

no shut

!

Answer: C

NEW QUESTION 25

A user reports transfer failure from an IP phone for calls received from a PSTN to another PSTN number. What is a reason for these failures?

- A. The IP phone is configured with the wrong region.
- B. The incoming calling search space of the SIP trunk does not include the partition of the line in the IP phone.
- C. The service parameter related to Offnet to Offnet Call Transfer is set to TRUE.
- D. The gateway is configured with the wrong device pool.

Answer: D

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#### NEW QUESTION 26

Which two functionalities does Cisco Expressway provide in the Cisco Collaboration architecture? (Choose two.)

- A. Survivable Remote Site Telephony functionality
- B. customer interaction management services
- C. secure firewall and NAT traversal for mobile or remote Cisco Jabber and TelePresence Video endpoints
- D. MGCP gateway registration
- E. Secure business-to-business communications

**Answer:** CE

#### NEW QUESTION 31

Refer to the exhibit.

A)

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

B)

```
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
```

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)

```
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
```

Given this "debug isdn q921" output, what is the problem with the PRI?

- A. Layer 1 is down on the controller.
- B. PRI does not have an IP address configured on the interface.
- C. Nothing, the PRI is sending keepalives.
- D. Layer 2 is down on the controller.

**Answer:** D

#### NEW QUESTION 35

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

- A. On-hook, Unified CM performs a digit-by-digit analysis, off-hook, Unified GM considers all digits were dialed and does not wait for additional digits.
- B. On-hook, Unified CM considers all digits were dialed and does not wait for additional digits, off-hook, Unified CM performs a digit-by-digit analysis.
- C. On-hook, by pressing the digits and entering "#" to process the call, Unified CM performs a digit-by-digit analysis; off-hoo
- D. Unified CM analyzes all digits as a string.
- E. On-hook, no digit analysis is performed, off-hoo
- F. Unified CM requires the "\*" to start the digit analysis.

**Answer:** C

#### NEW QUESTION 39

A Cisco TelePresence SX80 suddenly has issues displaying main video to a display over HDMI. Which command can you use from the SX80 admin CLI to check the video output status to the monitor?

- A. xStatus Video Output
- B. xCommand Video Status
- C. xConfiguration Video Output
- D. xStatus HDMI Output

**Answer:** C

#### NEW QUESTION 40

Which statement about Cisco Unified Communications Manager and Cisco IM and Presence backups is true?

- A. Backups should be scheduled during off-peak hours to avoid system performance issues.
- B. Backups are saved as .tar files and encrypted using the web administrator account.
- C. Backups are saved as unencrypted .tar files.
- D. Backups are not needed for subscriber Cisco Unified Communications Manager and Cisco IM and Presence servers.

**Answer:** A

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/admin/11\\_5\\_1\\_SU1/Administration/cucm\\_b\\_administration-guide-1151su1/cucm\\_b\\_administration-guide-1151su1\\_chapter\\_01010.html#CUCM\\_TK\\_S7FC26D5\\_00](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/11_5_1_SU1/Administration/cucm_b_administration-guide-1151su1/cucm_b_administration-guide-1151su1_chapter_01010.html#CUCM_TK_S7FC26D5_00)

#### NEW QUESTION 41

An engineer is designing a high availability and failover solution for two Cisco Unified Border Element routers. The first router (cube1.ab?.com) takes 60% of the calls and the second router (cube2.abc.com) takes 40% of the calls. Assume all DNS A records have been created. Which two SRV records are needed for a load balanced solution? (Choose two.)

- A. \_sip.\_udp.abc.com 60 IN SRV 2 60 cube1.abc.com
- B. \_sip.\_udp.abc.com 60 IN SRV 60 1 cube1.abc.com
- C. \_sip.\_udp.abc.com 60 IN SRV 1 40 cube2.abc.com
- D. \_sip.\_udp.abc.com 60 IN SRV 3 60 cube2.abc.com
- E. \_sip.\_udp.abc.com 60 IN SRV 1 60 cube1.abc.com

**Answer:** CE

#### NEW QUESTION 46

Which two configuration elements are part of the Cisco Unified Communications Manager toll-fraud prevention? (Choose two.)

- A. SIP trunk security profile
- B. Calling Search Space
- C. SUBSCRIBE Calling Search Space
- D. feature control policy
- E. partition

**Answer:** BE

#### NEW QUESTION 47

How does an administrator make a Cisco IP phone display the last 10 digits of the calling number when the call is in the connected state, and also display the calling number in the E.164 format within call history on the phone?

- A. Configure a translation pattern that has a Calling Party Transform Mask of XXXXXXXXXX.
- B. On the inbound SIP trunk, change Significant Digits to 10.
- C. Change the service parameter Apply Transformations On Remote Number to True.
- D. Configure a calling party transformation pattern that keeps only the last 10 digits.

**Answer:** D

#### NEW QUESTION 52

Which configuration step is necessary for a Cisco SIP phone to synchronize its time with a specific source?

- A. Add a Phone NTP Reference to the Date/Time Group.
- B. Assign the device to the correct region.
- C. Change the Time Format from 24-hour to 12-hour.
- D. Change the Time Zone from "America/Los\_Angeles" to "Etc/GMT+8".

**Answer:** A

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/admin/10\\_0\\_1/ccmcfg/CUCM\\_BK\\_C95ABA82\\_00\\_admin-guide-100/CUCM\\_BK\\_C95ABA82\\_00\\_admin-guide-100\\_chapter\\_0110.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/10_0_1/ccmcfg/CUCM_BK_C95ABA82_00_admin-guide-100/CUCM_BK_C95ABA82_00_admin-guide-100_chapter_0110.html)

#### NEW QUESTION 56

Which endpoint feature is supported using Mobile and Remote Access through Cisco Expressway?

- A. SRST
- B. SSO
- C. H.323 registration proxy to Cisco Unified Communications Manager
- D. MGCP gateway registration

**Answer:** C

**NEW QUESTION 59**

Which configuration on Cisco Unified Communications Manager is required for SIP MWI to work?

- A. The line partition must be inside the inbound CSS assigned to the CUC SIP trunk.
- B. The line partition must be inside the rerouting CSS assigned to the Cisco Unity Connection SIP trunk.
- C. Set the “Enable message waiting indicator” on the part group.
- D. Assign a MWI extension on the mailbox.

**Answer:** C

**NEW QUESTION 61**

When a new SIP phone is registered to Cisco Unified Communications Manager, it keeps failing and showing an “unprovisioned” error message in the phone display. Which problem is a possible cause of this issue?

- A. Auto-registration is disabled on the Cisco Unified Communications Manager nodes and the phone device does not have a DN configured.
- B. The DN assigned to the phone is already in use by another SIP phone.
- C. The phone cannot download and install the latest firmware.
- D. The DHCP settings are set incorrectly and the phone does not have an alternate TFTP defined.
- E. The DN configuration for this phone is shared with an SCCP phone.
- F. which is not supported.

**Answer:** C

**NEW QUESTION 66**

Which description of the function of call handlers in Cisco Unity Connection is true?

- A. They answer calls, take messages, and provide menus of options.
- B. They provide access to a corporate directory by playing an audio list that users and outside callers use to reach users and leave messages.
- C. They collect information from callers by playing a series of questions and recording the answers.
- D. They control outgoing calls by allowing you to specify the numbers that Cisco Unity Connection can dial to transfer calls, notify users of messages, and deliver faxes.

**Answer:** A

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/connection/10x/administration/guide/10xcucsagx/10xcucsag080.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/connection/10x/administration/guide/10xcucsagx/10xcucsag080.html)

**NEW QUESTION 68**

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