

Cisco

Exam Questions 350-801

Implementing and Operating Cisco Collaboration Core Technologies



NEW QUESTION 1

Which Cisco Unified Communications Manager configuration is required for SIP MWI integrations?

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

Answer: A

NEW QUESTION 2

An engineer with troubleshoots poor voice quality on multiple calls. After looking at packet captures, the engineer notices high levels of jitter. Which two areas does the engineer check to prevent jitter? (Choose two.)

- A. The network meets bandwidth requirements.
- B. MTP is enabled on the SIP trunk to Cisco Unified Border Element.
- C. Cisco UBE manages voice traffic, not data traffic.
- D. All devices use wired connections instead of wireless connections.
- E. Voice packets are classified and marked.

Answer: AE

Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/voice/voice-quality/20371-troubleshoot-qos-voice.html>

NEW QUESTION 3

What is a characteristic of video traffic that governs QoS requirements for video?

- A. Video is typically variable bit rate.
- B. Voice and video traffic are different, but they have the same QoS requirements.
- C. Video is typically constant bit rate.
- D. Voice and video traffic are the same, so they have the same QoS requirements.

Answer: B

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/collab11/collab11/cac.html

NEW QUESTION 4

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 5

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 6

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 7

Refer to the exhibit.


```
C:\Users\CISCO>nslookup
Default Server: dns.example.com
Address: 192.168.100.1

>set type=SRV
>_collab-edge._tcp.example.com
Server: dns.example.com
Address: 192.168.100.1

Non-authoritative answer:
_collab-edge._tcp.example.com          SRV service location:
    priority      = 10
    weight        = 10
    port          = 8443
    srv hostname  = expe.example.com
```

You deploy Mobile and Remote Access for Jabber and discover that Jabber for Windows does not register to Cisco Unified Communication Manager while outside of the office. What is a cause of this issue?

- A. Server 4.2.2.2 is not a valid DNS server.
- B. The DNS record should be created for _cisco-uds._tcp.example.com.
- C. The DNS record should be changed from _collab-edge._tcp.example.com to _collab-edge._tls.example.com.
- D. The DNS record type should be changed from SRV to A.

Answer: C

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/jabber/Windows/9_7/CJAB_BK_C606D8A9_00_cisco-jabber-dns-configuration-guide/CJAB_BK_C606D8A9_00_cisco-jabber-dns-configuration-guide_chapter_010.html

NEW QUESTION 10

Refer to the exhibit.

```
Endpoint A:
m=audio 21796 RTP/AVP 108 9 104 105 101
b=TIAS:64000
a=extmap:14 http://protocols.cisco.com/timestamp#100us
a=rtpmap:108 MP4A-LATM/90000
a=fmtp:108 bitrate=64000;profile-level-id=24;object=23
a=rtpmap:9 G722/8000
a=rtpmap:104 G7221/16000
a=fmtp:104 bitrate=32000
a=rtpmap:105 G7221/16000
a=fmtp:105 bitrate=24000
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-15
a=trafficclass:conversational.audio.immersive.aq:admitted

Endpoint B:
m=audio 21796 RTP/AVP 105 0 8 18 101
b=TIAS:64000
a=extmap:14 http://protocols.cisco.com/timestamp#100us
a=rtpmap:105 G7221/16000
a=fmtp:105 bitrate=24000
a=rtpmap:0 PCMU/8000
a=rtpmap:8 PCMA/8000
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=no
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-15
a=trafficclass:conversational.audio.immersive.aq:admitted
```

Endpoint A calls endpoint B. What is the only audio codec that can be used for the call?

- A. Telephone-event/8000
- B. G7221/16000
- C. PCMA/8000
- D. G722/8000

Answer: B

NEW QUESTION 11

An administrator recently upgraded a Cisco Webex DX80 through its web interface but discovered the next morning that the unit has reverted to its previous version. What must the administrator do to prevent this from happening again?

- A. Assign a phone security profile with secure SIP.
- B. Set the prepare cluster for rollback to pre-8-0 enterprise parameter to true.
- C. Confirm the phone load name in the phone configuration.
- D. Assign a universal device template to the phone.

Answer: C

NEW QUESTION 13

Which description of the Mobile and Remote Access feature is true?

- A. Collaboration Edge feature that enables remote individuals to perform international calls from Jabber with a VPN connection.
- B. Collaboration Edge feature that enables remote individuals to access all enterprise collaboration services using a PC within the corporate environment.
- C. Collaboration Edge feature that enables remote individuals to access enterprise collaboration services via Jabber without the use of a VPN connection.
- D. Collaboration Edge feature that enables remote individuals to access enterprise collaboration services via Jabber with the use of a VPN connection.

Answer: C

NEW QUESTION 15

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

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

Answer: CE

NEW QUESTION 17

What causes poor voice quality and video pixelization in a video call?

- A. The QoS is configured incorrectly.
- B. A firewall is blocking the RTP ports.
- C. Cisco Unified Communications Manager is configured to use G.711 instead of G.729.
- D. 1 Gbps network ports are used instead of 100 Mbps network ports.

Answer: A

NEW QUESTION 18

What is a software-based media resource that is provided by the Cisco IP Voice Media Streaming Application?

- A. video conference bridge
- B. auto-attendant
- C. transcoder
- D. annunciator

Answer: D

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/collab09/clb09/media.html

NEW QUESTION 19

Which action is required if an engineer wants to have Cisco Unified Communications Manager control the configuration for an MGCP gateway?

- A. Apply the ccm-manager configuration commands to the gateway.
- B. Upload the custom configuration in the TFTP server in Cisco Unified CM.
- C. From Cisco Unified CM > Device > Gateway > Add gateway, check the auto-configuration check box.
- D. Configure the Cisco Unified CM's IP in voice service VoIP.

Answer: C

NEW QUESTION 24

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 28

Which call flow matches traffic from a Mobile and Remote Access registered endpoint to central call control?

- A. Endpoint > Expressway-E > Expressway-C > Cisco Unified CM
- B. Endpoint > Expressway-E > Cisco Unified CM
- C. Endpoint > Expressway-C > Cisco Unified CM
- D. Endpoint > Expressway-C > Expressway-E > Cisco Unified CM

Answer: A

NEW QUESTION 33

An engineer is notified that the Cisco TelePresence MX800 that is registered in Cisco Unified Communications Manager shows an empty panel, and the Touch 10 shows a corresponding icon with no action when pressed. Where does the engineer go to remove the inactive custom panel?

- A. The Software Upgrades page in CUCM OS Administration
- B. The In-Room Control Editor on the webpage of the MX800
- C. The phone configuration page in CUCM Administration
- D. The SIP Trunk Security Profile page in CUCM Administration

Answer: A

NEW QUESTION 34

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 39

An engineer implements QoS in the enterprise network. Which command can be used to verify the correct 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 policy-map
- D. show access-lists

Answer: C

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/qos_classn/configuration/xs-16/qos-classn-xe-16-book/qos-classn-mrkg-ntwk-trfc-xe.html

NEW QUESTION 40

Refer to the exhibit

```
INVITE sip:2002@10.10.10.10:5060 SIP/2.0
[..truncated..]
v=0
o=UAC 6107 7816 IN IP4 10.10.10.11
s=SIP Call
c=IN IP4 10.10.10.11
t=0 0
m=audio 8190 RTP/AVP 18 110
c=IN IP4 10.10.10.11
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=no
a=rtpmap:110 telephone-event/8000
a=fmtp:110 0-16
a=ptime:20

SIP/2.0 200 OK
[..truncated..]
v=0
o=UAS 4692 9609 IN IP4 10.10.10.10
s=SIP Call
c=IN IP4 10.10.10.10
t=0 0
m=audio 8056 RTP/AVP 18
c=IN IP4 10.10.10.10
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=no
a=ptime:20
```

The SDP offer/answer has been completed successfully but there is no DTMF when users press keys. What is the cause of the issue?

- A. DTMF was negotiated properly in these messages.
- B. G.729 rather than G.711ulaw was negotiated.

- C. Payload type 110 was negotiated rather than type 101.
- D. DTMF was not negotiated on the call.

Answer: D

NEW QUESTION 42

Which two types of device are supported by the Bulk Administration Tool? (Choose two.)

- A. H.322 clients
- B. Cisco Unified IP phones (all models)
- C. SIP trunks
- D. H.225 trunks
- E. music on hold servers

Answer: AB

NEW QUESTION 44

Which configuration tells a switch part to send Cisco Discovery Protocol packets that configure an attached Cisco IP phone to trust tagged traffic that is received from a device that is connected to the access port on the Cisco IP phone?

- A. Router# configure terminalRouter(config)# interface gigabitethernet 5/1 Router(config-if)# platform qos trust extend
- B. Router# configure terminalRouter(config)# interface gigabitethernet 5/1 Router(config-if)# platform qos trust extend cos 3
- C. Router# configure terminalRouter(config)# interface gigabitethernet 5/1 Router(config-if)# platform qos trust extend cos 5
- D. Router# configure terminalRouter(config)# interface gigabitethernet 5/1 Router(config-if)# platform qos extend trust

Answer: A

NEW QUESTION 46

Which method is used to avoid toll fraud with Cisco Unified Communications Manager calls?

- A. call policy service
- B. TOLLFRAUD_APP
- C. default zone access rules
- D. class of service

Answer: D

NEW QUESTION 49

Which access control group is required on an end user to allow Jabber to do deskphone mode?

- A. Allow Control of Device from CTI
- B. Standard CTI Enabled
- C. Standard CTI Allow Reception of SRTP Key Material
- D. Standard CTI Secure Connection

Answer: B

NEW QUESTION 54

A customer wants a video conference with five Cisco TelePresence IX5000 Series systems. Which media resource is necessary in the design to fully utilize the immersive functions?

- A. Cisco PVD4-128
- B. software conference bridge on Cisco Unified Communications Manager
- C. Cisco Webex Meetings Server
- D. Cisco Meeting Server

Answer: C

NEW QUESTION 57

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 61

You are adding regions in Cisco Unified Communications Manager. Which codec(s) are selected when a call is placed if you set up the max audio bit rate to use 8 kbps?

- A. G.729
- B. G.729 and G.711ulaw

- C. G.711ulaw and G 711alaw
- D. G.722

Answer: A

NEW QUESTION 64

An incoming off-net call to a user fails. An engineer notices that the off-net call is G.711, but the phone accepts only G.729. Which media resource on a Cisco Unified Border Element and Cisco Unified Communications Manager must the engineer configure to manage the codec negotiation?

- A. transcoder
- B. CFB
- C. MOH
- D. MTP

Answer: A

NEW QUESTION 66

Which Cisco Unified Communications Manager service parameter should be enabled disconnect a multiparty call when the call initiator hangs up?

- A. Drop Ad Hoc Conference
- B. H.225 Black Setup Destination
- C. Block OffNet To OffNet Transfer
- D. Enterprise Feature Access Code for Conference

Answer: A

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/10_0_1/ccmsys/CUCM_BK_SE5FCFB6_00_cucm-system-guide-100/CUCM_BK_SE5FCFB6_00_cucm-system-guide-100_chapter_011000.html#CUCM_TK_DFC66444_00

NEW QUESTION 71

Refer to the exhibit.

```
ISDN Serial1:23 interface
    dsl 1, interface ISDN Switchtype =
primary-5ess
    Layer 1 Status:
        ACTIVE
    Layer 2 Status:
        TEI = 0, Ces = 1, SAPI = 0, State =
TEI_ASSIGNED
    Layer 3 Status:
        0 Active Layer 3 Call(s)
    Activated dsl 1 CCBs = 0
    The Free Channel Mask: 0x807FFFFFFF
    Total Allocated ISDN CCBs = 5
```

What is a possible cause of the PRI issue?

- A. The cable is unplugged.
- B. The clock source is incorrect.
- C. The controller shut down.
- D. The framing is configured incorrectly.

Answer: D

NEW QUESTION 74

When a remote office location is set up with limited bandwidth resources, which codec carries the most voice calls?

- A. G.711
- B. G.722
- C. G.723
- D. G.729

Answer: D

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/collab10/collab10/media.html

NEW QUESTION 77

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

- A. \+.! Route Pattern
- B. \+.! Translation Pattern

- C. /+! Route Pattern
- D. \+1.[2-9]XX[2-9]XXXXXX Called Party Transformation Pattern

Answer: D

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/collab12/collab12/dialplan.html#pgfId-1591747

NEW QUESTION 82

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 84

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 89

An administrator is trying to change the default LINECODE for a voice ISDN T1 PRI. Which command makes this change?

- A. linecode esf
- B. linecode ami
- C. linecode hdb3
- D. linecode b8zs

Answer: D

Explanation:

Reference: https://www.cisco.com/en/US/docs/ios/dial/configuration/guide/dia_cfg_isdn_pri_external_docbase_0900e4b1806c752c_4container_external_docbase_0900e4b18216dd1b.html

NEW QUESTION 92

How can an administrator stop Cisco Unified Communications Manager from advertising the OPUS codec for recording enabled devices?

- A. Route recorded calls through Cisco Unified Border Element because it does not support OPUS.
- B. Go to the phone's configuration page and set "Advertise OPUS Codec" to be "false".
- C. Integrate the Cisco Unified CM with 3 recording solution that does not support OPUS.
- D. In CUCM Service Parameters set "Opus Codec Enabled" to "Enabled for all Devices Except Recording-Enabled Devices."

Answer: D

Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/unified-communications/unified-communications-manager-callmanager/211297-Configure-Opus-Support-on-Cisco-Unified.pdf>

NEW QUESTION 95

A DTMF mismatch is occurring between an MGCP gateway registered FXS port and a Cisco Unified Communications Manager SIP trunk. Which media resource can be leveraged to interwork this mismatch?

- A. Conference Bridge
- B. Trusted Relay Point
- C. Media Termination Point
- D. Annunciator

Answer: C

NEW QUESTION 98

As a voice engineer, which two recommendations do you to make to your company to optimize Cisco Unified Communications Manager configuration to reduce the number of toll fraud incidents? (Choose two.)

- A. Classify all route patterns as on-net and prohibit on-net to on-net call transfers in Cisco Unified CM service parameters.

- B. Classify all route patterns as off-net and prohibit off-net to off-net call transfers in Cisco Unified CM service parameters.
- C. Classify all route patterns as on-net or off-net and prohibit off-net to off-net call transfers in Cisco Unified CM service parameters.
- D. Inbound CSS on any gateway typically should have access to internal destinations and PSTN destinations.
- E. Inbound CSS on any gateway typically should have access to internal destinations only and not PSTN destinations.

Answer: BE

NEW QUESTION 99

DRAG DROP

According to the QoS Baseline Model, drag and drop the applications from the left onto the correct Per-Hop Behavior values on the right.

voice	AF11
interactive video	CS2
bulk data	EF
call-signaling	AF31/CS3
network management	AF41

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

voice	bulk data
interactive video	network management
bulk data	voice
call-signaling	call-signaling
network management	interactive video

NEW QUESTION 103

After an engineer runs the `utils ntp status` command on the Cisco Unified Communications Manager publisher, the `stratum` value is 16. Which issue can the Cisco Unified CM cluster experience?

- A. Unified CM sends an NTPV4 packet.
- B. Database replication is not synchronized on the Unified CM nodes.
- C. The cluster loses access to port 124 at the firewall.
- D. The date/time group on all phones defaults to the time zone of the engineer.

Answer: B

NEW QUESTION 108

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 113

Refer to the exhibit.

```
dial-peer voice 10 voip
    destination-pattern 1...
    session target ipv4:10.1.1.1
    no vad
```

An engineer configures a VoIP dial peer on a Cisco gateway. Which codec is used?

- A. G.711ulaw
- B. No codec is used (missing codec command).
- C. G.711alaw
- D. G.729r8

Answer: A

Explanation:

Reference: <https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/voice/dialpeer/configuration/15-mt/vd-15-mt-book/vd-dp-cfg-examp.pdf>

NEW QUESTION 117

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 119

Due to provider requirements, outgoing calls from the Enterprise to the PSTN must start with channel 1. Which ISDN command changes the channel selection on IOS to meet this requirement?

- A. isdn bchan-number-order decending
- B. isdn bchan-number-order ascending
- C. isdn protocol-emulate network
- D. isdn incoming-voice voice

Answer: B

NEW QUESTION 120

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