



Cisco

Exam Questions 350-801

Implementing and Operating Cisco Collaboration Core Technologies

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NEW QUESTION 1

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 2

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 3

Which action prevents toll fraud in Cisco Unified Communications Manager?

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

Answer: B

Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/voice-unified-communications/unified-communications-manager-express/107626-cme-toll-fraud.html>

NEW QUESTION 4

What field is configured to change the caller ID information on a SIP route pattern?

- A. Route Partition
- B. Called Party Transformation Mask
- C. Calling Party Transformation Mask
- D. Connected Line ID Presentation

Answer: D

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_0100111.pdf

NEW QUESTION 5

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 6

How can an engineer determine location-based CAC bandwidth requirements for Cisco Unified Communications Manager?

- A. Set the requirements in the service parameters.
- B. Add the requirements for each audio and video codec and how many calls must be supported.
- C. Execute the Resource Reservation Protocol to return location-based requirements.
- D. Calculate the number of calls against the license for Cisco Unified Border Element to determine calls per location.

Answer: A

NEW QUESTION 7

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 8

How are E.164 called-party numbers normalized on a globalized call-routing environment in Cisco Unified Communications Manager?

- A. Normalization is achieved by stripping or translating the called numbers to internally used directory numbers.
- B. Normalization is achieved by setting up calling search spaces and partitions at the SIP trunks for PSTN connection.
- C. Call ingress must be normalized before the call being routed.
- D. Normalization is not required.

Answer: A

NEW QUESTION 9

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 10

An engineer is configuring a BOT device for a Jabber user in Cisco Unified Communication Manager Which phone type must be selected?

- A. third-party SIP device
- B. Cisco Dual Mode for iPhone
- C. Cisco Dual Mode for Android
- D. Cisco Unified Client Services Framework

Answer: C

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/jabber/11_5/CJAB_BK_D00D8CBD_00_deployment-installation-guide-cisco-jabber115/CJAB_BK_D00D8CBD_00_deployment-installation-guide-ciscojabber115_chapter_01000.html

NEW QUESTION 10

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 14

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 17

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-hook.
- D. Unified CM analyzes all digits as a string.
- E. On-hook, no digit analysis is performed, off-hook.
- F. Unified CM requires the "##" to start the digit analysis.

Answer: C

NEW QUESTION 19

Which settings are needed to configure the SIP route pattern in Cisco Unified Communications Manager?

- A. pattern usage, IPv6 pattern, and SIP trunk/Route list
- B. pattern usage, IPv4 pattern, IPv6 pattern, and description
- C. pattern usage, IPv4 pattern, and SIP trunk/Route list
- D. SIP trunk/Route list, description, and IPv4 pattern

Answer: C

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_0100111.pdf

NEW QUESTION 22

Which transport protocol does the application layer protocol SNMP use?

- A. XML
- B. UDP
- C. SIP
- D. HTTP

Answer: B

Explanation:

Reference: <https://www.geeksforgeeks.org/simple-network-management-protocol-snmp/>

NEW QUESTION 27

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

NEW QUESTION 29

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 30

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 32

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 9.011841234587
 - configure the Discard Digits as Predot 10-10-Dialing

A. ☐ uc[c]e[12]*.cisco1.com

☐ ucce^[-2].*

☐ ucc[ce2]*.cisco1.com

☐ uc[c]e[^0-12]*.cisco1.com

☐ uc.*2.cisco1.com

B. A)

Voice Cos 6 (IP Precedence 4, PHB AF41, or DSCP 24)
 Video Cos 5 (IP Precedence 4, PHB EF, or DSCP 34)

B)

Voice Cos 5 (IP Precedence 5, PHB EF, or DSCP 46)
 Video Cos 4 (IP Precedence 4, PHB AF41, or DSCP 34)

C)

Voice Cos 5 (IP Precedence 2, PHB EF, or DSCP 48)
 Video Cos 4 (IP Precedence 4, PHB AF41, or DSCP 46)

D)

Voice Cos 5 (IP Precedence 6, PHB AF41, or DSCP 16)
 Video Cos 4 (IP Precedence 5, PHB EF, or DSCP 32)

C. **Via: SIP/2.0/TCP**
10.10.10.2:5060;branch=a8bH5bK7954A198F
From:
<sip:012345678@10.10.10.2>;tag=8D79AF62-DB2
To: <sip:90123456@10.10.4.14>;
tag=811681~ffa80926-5fac-4cc5-b802-
2dbde74ae7w2-
v=0
o=CiscoSystemsCCM-SIP 811681 1 IN IP4
10.10.4.14
s=SIP Call
c=IN IP4 10.5.4.3
t=0 0
m=audio 27839 RTP/AVP 0 101
a=rtpmap:0 PCMU/8000
a=ptime:20
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-15

Answer: A

NEW QUESTION 36

Refer to the exhibit.


```
voice class dpg 2000
 dial-peer 2001 preference 1
 dial-peer 2002 preference 2
 dial-peer 2003 preference 3

dial-peer voice 1001 voip
 description INBOUND
 session protocol sipv2
 session target ipv4:10.0.0.1
 destination dpg 2000
 incoming called-number 5T

dial-peer voice 2001 voip
 destination-pattern 5506
 session protocol sipv2
 session target ipv4:10.0.0.2

dial-peer voice 2002 voip
 destination-pattern 5507
 session protocol sipv2
 session target ipv4:10.0.0.3

dial-peer voice 2003 voip
 destination-pattern 5508
 session protocol sipv2
 session target ipv4:10.0.0.4
```

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 38

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 41

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