Exam Questions 350-801

Implementing and Operating Cisco Collaboration Core Technologies

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NEW QUESTION 1
A customer has Cisco Unity Connections that is integrated with LDAP. As a Unity Connection administrator, you have received a request to change the first name for VM user. Where must the change be performed?

A. Cisco Unity Connection
B. Cisco Unified Communications Manager end user
C. Active Directory
D. Cisco IM and Presence

Answer: C

NEW QUESTION 2
On which Cisco Unified Communications Manager nodes can the TFTP service be enabled?

A. any node
B. any two nodes
C. only nodes that have Cisco Unified CM service enabled
D. any subscriber nodes

Answer: C

Explanation:
You can configure the TFTP service on the first node or a subsequent node, but usually you should configure it on the first node. For small systems, the TFTP server can coexist with a Cisco Unified Communications Manager on the same server.

NEW QUESTION 3
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 4
Refer to the exhibit.

This INVITE is sent to an endpoint that only supports G729. What must be done for this call to succeed?

A. Nothing: both sides support G.729.
B. Add a transcoder that supports G711ulaw and G.729.
C. Add a media termination point that supports G.711ulaw and G.729.
D. Nothing: both sides support payload type 101.

Answer: D

NEW QUESTION 5
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 6
A user forwards a corporate number to an international number. What are two methods to prevent this forwarded call? (Choose two.)

A. Set the Call Classification to OnNet for the international route pattern.
B. Block international dial patterns in the SIP trunk CSS.
C. Configure a Forced Authorization Code on the international route pattern.
D. Set Call Forward All CSS to restrict international dial patterns.
E. Check Route Next Hop By Calling Party Number on the international route pattern.

Answer: BC

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucme/admin/configuration/manual/cmeadm/cmetrans.html

NEW QUESTION 7
Refer to the exhibit.

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 8
Refer to the exhibit.

When a UC Administrator is troubleshooting DTMF negotiated by this SIP INVITE, which two messages should be examined next to further troubleshoot the issue? (Choose two.)

A. REGISTER
B. UPDATE
C. PRACK
D. NOTIFY
E. SUBSCRIBE

Answer: DE

NEW QUESTION 9
Refer to the exhibit.

The translation rule is configured on the voice gateway to translate DNIS. What is the outcome if the gateway receives 0255-343-1234 as DNIS?

A. The translation is not matched because DNIS contains "-".
B. The translation is not matched because DNIS does not end with a "$".
C. The translation is matched and the translated number is 02553431234.
D. The translation is matched and the translated number is 025553431234.

Answer: A

NEW QUESTION 10
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 10
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 15
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 17
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 18
When a user dials a number with a phone that is registered to the Cisco Unified Communications Manager, what is the default timeout before the number is sent?

A. 15 seconds
B. 5 seconds
C. 10 seconds
D. 3 seconds

Answer: C

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

NEW QUESTION 23
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 26
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 31
Which recommendation is the best practice for marking video and voice media in a Cisco Unified Communications network?

A. Voice Cos 5 (IP Precedence 6, PHB AF41, or DSCP 16)Video Cos 4 (IP Precedence 5, PHB EF, or DSCP 32)
B. Voice Cos 6 (IP Precedence 4, PHB AF41, or DSCP 24)Video Cos 5 (IP Precedence 4, PHB EF, 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 5, PHB EF, or DSCP 46) Video Cos 4 (IP Precedence 4, PHB AF41, or DSCP 34)

Answer: D

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

NEW QUESTION 33
What is a valid class included in the 8-Class QoS Strategy in a VoIP network?

A. Assured Forwarding
B. Broadcast Video
C. Multimedia Conferencing
D. Real-Time Interactive

Answer: C

Explanation:
Reference: https://www.ciscopress.com/articles/article.asp?p=2756478&seqNum=8

NEW QUESTION 35
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 37
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 41
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?

    C.

Answer: C

NEW QUESTION 45
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 48
An engineer configures local route group to simplify a dial plan. Where does the engineer set the route groups according to the local route group names that are configured?

A. CSS
B. route pattern
C. device pool
D. route list

Answer: D

NEW QUESTION 49
A remote office has a less-than-optimal WAN connection and experiences packet loss, delay, and jitter. Which VoIP codec should be used in this situation?

A. G.711ulaw
B. iLBC
C. G.722.1
D. G.729A

Answer: D

Explanation:
Reference: https://community.cisco.com/t5/collaboration-voice-and-video/summary-of-cucm-supported-codecs/ta-p/3162905

NEW QUESTION 53
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 58
Refer to the exhibit.

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 59
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 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 68
Which issue can occur if QoS is not deployed on a Cisco Collaboration architecture across the WAN?

A. 403 Forbidden errors on SIP calls
B. excessive jitter
C. unexpected shut-down on Cisco Unified Communications Manager
D. packet fragmentation

Answer: B

NEW QUESTION 73
Which two functions are provided by Cisco Expressway Series? (Choose two.)

A. interworking of SIP and H.323
B. endpoint registration
C. intercluster extension mobility
D. voice and video transcoding
E. voice and video conference

Answer: AD

Explanation:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/expressway/config_guide/X8-11/Cisco-Meeting-Server-2-4-with-Cisco-Expressway-Deployment-Guide_X8-11-4.pdf

NEW QUESTION 74
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 76
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 78
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 79

Which two DNS records must be created to configure Service Discovery for or premises Jabber? (Choose two.)

A. _cisco-uds._tls.cisco.com pointing to the IP address of Cisco Unified Communications Manager
B. _cuplogin._tcp.cisco.com pointing to a record of IM&P
C. _cuplogin._tls.cisco com pointing to the IP address of IM&P
D. _cisco-uds._tcp.cisco com painting to a record of Cisco Unified CM
E. _xmpp._tls.cisco.com pointing to a record of IM&P

Answer: AB

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 80
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 83
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 86
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

NEW QUESTION 91
Which statement describes the outcome when the trust boundary is defined at the Cisco IP phone?

A. Packets or Ethernet frames are remarked at the access layer switch.
B. Packets or Ethernet frames are not remarked by the IP phone.
C. Packets or Ethernet frames are not remarked at the layer switch.
D. Packets or Ethernet frames are remarked at the distribution layer switch.

Answer: C

Explanation:
Reference: https://networklessons.com/quality-of-service/how-to-configure-qos-trust-boundary-on-cisco-switches

NEW QUESTION 94
Why would we not include an end user's PC device in a QoS trust boundary?

A. The end user could incorrectly tag their traffic to bypass firewalls.
B. The end user may incorrectly tag their traffic to be prioritized over other network traffic.
C. There is no reason not to include an end user's PC device in a QoS trust boundary.
D. The end user could incorrectly tag their traffic to advertise their PC as a default gateway.

Answer: B

NEW QUESTION 99

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 101
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 102
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 107
Which packet delay is the maximum supported between Cisco Unified Communications Manager nodes for clustering over WAN deployments?

A. 150 ms round tip
B. 510 ms round trip
C. 40 ms round trip
D. 80 ms round trip

Answer: D

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

NEW QUESTION 110
A user dials 9011841234567 to reach Vietnam. Which steps send the call to the PSTN provider as 011841234567?
A.

A.

B.
C.

Answer: A

NEW QUESTION 115
Refer to the exhibit.

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 119
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 phon
F. which is not supported.

Answer: C

NEW QUESTION 122
Due to provider requirements, outgoing calls from the Enterprise to the PSTN must start with channel 1. Which ISDN command changes the channel selection an 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 125
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