350-801 Dumps

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
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 5
Which command in the MGCP gateway configuration defines the secondary Cisco Unified Communications Manager server?

A. mgcapp
B. ccm-manager fallback-mgcp
C. mgcp call-agent
D. ccm-manager redundant-host

Answer: B

NEW QUESTION 6
Refer to the exhibit.

```
INVITE sip:1@10.10.10.219;user=phone SIP/2.0
Via: SIP/2.0/TCP 10.10.10.84:50083;branch=z9hG4bK471df613
From: "1234 - My Phone" <sip:1234@10.10.10.219>;tag=381c1aba7a78002c558eda31-12b8af63
To: <sip:1@10.10.10.219>
Call-ID: 381c1aba-7a78000d-4ca6894a-41dd3e0f@10.10.10.84
Max-Forwards: 70
CSeq: 101 INVITE
Contact: <sip:1234@10.10.10.84:50083;transport=tcp>
Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFO
Allow-Events: kpml,dialog
Content-Type: application/sdp
Content-Length: 658

v=0
o=Cisco-SIPUA 26529 0 IN IP4 10.10.10.84
s=SIP Call
b=AS:4064
t=0 0
m=audio 32136 RTP/AVP 114 9 124 113 115 0 8 116 18
c=IN IP4 10.10.10.84
b=TIAS:64000
a=rtpmap:114 opus/48000/2
a=fmtp:114
maxplaybackrate=16000;sprop-maxcapturerate=16000;maxaveragebitrate=64000;stereo=0;sprop-
stereo=0;usedtx=0
a=rtpmap:9 G722/8000
a=rtpmap:124 ISAC/16000
a=rtpmap:113 AMR-WB/16000
a=fmtp:113 octet-align=0,mode-change-capability=2
a=rtpmap:115 AMR-WB/16000
a=fmtp:115 octet-align=1,mode-change-capability=2
a=rtpmap:0 PCMU/8000
a=rtpmap:8 PCMA/8000
a=rtpmap:116 iLBC/8000
a=fmtp:116 mode=20
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=yes
a=sendrecv
```

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 7
An administrator recently upgraded a Cisco Webex DX80 through its web interface but discovered the next morning that the unit has received 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 8
An engineer wants to manually deploy a Cisco Webex DX80 video endpoint to an end user. Which type of provisioning can be configured on the endpoint?

A. CUBE
B. CMS
C. CUCM
D. Edge

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/desktop-collaboration-experience-dx600-series/datasheet-c78-731879.html

NEW QUESTION 9
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 10
Refer to the exhibit.

```
rule 1 /^\(0[25]..\)\-\(...\)\-\(....$\)/ /\1\2\3/
```

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
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 12
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 16
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 19
Which protocols does Cisco IM and Presence use to authenticate Jabber?

A. XMPP
B. SOAP
C. TCP
D. LDAP
E. QBE

Answer: AB

NEW QUESTION 22
How many DNS SRV entries can be defined in the SIP trunk destination address field in Cisco Unified Communications Manager?

A. 1
B. 8
C. 16
D. 4

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/11_5_1/sysConfig/CUCM_BK_SE5DAF88_00_cucm-system-configuration-

guide-1151/CUCM_BK_SE5DAF88_00_cucm-system-configuration- guide1151_chapter_01110.html

NEW QUESTION 23
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 26
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 31
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/xe-16/qos-classn-xe-16-book/qos-classn-mrkg-ntwk-trfc-xe.html

NEW QUESTION 32
An engineer with ID012345678 must build an international dial plan in Cisco Unified Communications Manager. Which action should be taken when building a variable-length route pattern?

A. reduce the T302 timer to less than 4 seconds
B. configure single route pattern for international calls
C. create a second route pattern followed by the # wildcard
D. set up all international route patterns to 0.!

Answer: A

NEW QUESTION 37
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 41
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 43
What is the major difference between the two possible Cisco IM and Presence high-availability modes?

A. Balanced mode provides user load balancing and user failover in the event of an outag

B. Active/standby mode provides an always on standby node in the event of an outage, and it also provides load balancing.
C. Balanced mode provides user load balancing and user failover only for manually generated failover
D. Active/standby mode provides an unconfigured standby node in the event of an outage, but it does not provide load balancing.
E. Balanced mode provides user load balancing and user failover in the event of an outag
F. Active/standby mode provides an always on standby node in the event of an outage, but it does not provide load balancing.
G. Balanced mode does not provide user load balancing, but it provides in the event of an outag
H. Active/standby mode provides an always on standby node in the event of an outage, but it does not provide load balancing.

Answer: C

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
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 PVDM4-128
B. software conference bridge on Cisco Unified Communications Manager
C. Cisco Webex Meetings Server
D. Cisco Meeting Server

Answer: C

NEW QUESTION 49
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 51
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 53
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 58
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 61
A network administrator deleted a user from the LDAP directory of a company. The end user shows as Inactive LOAP Synchronized User in Cisco Unified Communications Manager. Which step is next to remove this user from Cisco Unified Communications Manager?

A. Delete the user directly from Cisco Unified Communications Manager
B. Restart the Dirsync service after the user is deleted from LDAP directory.
C. Execute a manual sync to refresh the local database and delete the end user.
D. Wait 24 hours for the garbage collector to remove the user.

Answer: B

NEW QUESTION 66
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 67
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 69
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 73
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 74
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 75
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 78
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

A. in the Calling Party Transformation Patterns section,
       configure the Pattern as 9.011841234567
       configure the Discard Digits as Predot 10-10-Dialing
B. in the Called Party Transformation Pattern Configuration section,
       configure the Pattern as 9.011841234587
       configure the Discard Digits as Predot 10-10-Dialing
C. in the Calling Party Transformation Patterns section,
       configure the Pattern as a 011841234557
       configure the Discard Digits as Predot

Answer: A

NEW QUESTION 79
When a phone is registered over Mobile and Remote Access, where does it register?

A. Cisco Unified Presence Server
B. Expressway-E
C. Cisco Unified Communications Manager
D. Expressway-C

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/12_0_1/systemConfig/cucm_b_system-configuration-guide-1201/cucm_b_system-configuration-guide-1201_chapter_01011010.html QUESTION

NEW QUESTION 82
Which wildcard must an engineer configure to match a whole domain in SIP route patterns?

A. .
B. !
C. @
D. *

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.html

NEW QUESTION 83
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