Cisco

Exam Questions 350-801

Implementing and Operating Cisco Collaboration Core Technologies

NEW QUESTION 1
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 2
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 3
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 4
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 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
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

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/net_mgmt/prime/collaboration/12-1/assurance/advanced/guide/cpco_b_cisco-prime-collaboration-assurance-guide-advanced-12-1/cpco_b_cisco-prime-collaboration-assurance- guideadvanced-12-1_chapter_01111.html

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 no 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 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
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 10

Where is the default for Maximum Session Bit Rate for a region configured?

A. Service Parameter Configuration
B. Enterprise Phone Configuration
C. Enterprise Parameters Configuration
D. Region Configuration

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/9_1_1/ccmcfg/CUCM_BK_A34970C5_00_admin-guide-91/CUCM_BK_A34970C5_00_admin-guide-91_chapter_0111.html

NEW QUESTION 14
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
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 20
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 24
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 25
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 28
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 31
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 33
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 36
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 41
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 46
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 49
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?

```
voice translation-rule 40
  rule 1 /3…$/ /408555&/
!
voice translation-profile INT
  translate calling 40
!
dial-peer voice 9011 pots
  translation-profile outgoing INT
  destination-pattern 9011T
  port 0/1/0:23
```

A.

Pattern Definition

Pattern*	\+.!
Partition	PT_US_VG_CD_Out_xForm ▼
Description	US International calling
Numbering Plan	< None > ▼
Route Filter	< None > ▼

☑ Urgent Priority
☐ MLPP Preemption Disabled

Called Party Transformations

Discard Digits	PreDot ▼
Called Party Transformation Mask	
Prefix Digits	9011
Called Party Number Type*	International ▼
Called Party Numbering Plan*	ISDN ▼

B.

Pattern Definition

Pattern*	\+.!
Partition	PT_US_VG_CD_Out_xForm ▼
Description	US International calling
Numbering Plan	< None > ▼
Route Filter	< None > ▼

☑ Urgent Priority
☐ MLPP Preemption Disabled

Called Party Transformations

Discard Digits	PreDot ▼
Called Party Transformation Mask	
Prefix Digits	9011
Called Party Number Type*	Unknown ▼
Called Party Numbering Plan*	Unknown ▼

C.

Pattern Definition

Pattern*	\+.!
Partition	PT_US_VG_CD_Out_xForm ▼
Description	US International calling
Numbering Plan	< None > ▼
Route Filter	< None > ▼

☑ Urgent Priority
☐ MLPP Preemption Disabled

Called Party Transformations

Discard Digits	PreDot ▼
Called Party Transformation Mask	
Prefix Digits	9011
Called Party Number Type*	Cisco CallManager ▼
Called Party Numbering Plan*	Cisco CallManager ▼

C.

Pattern Definition

Pattern*	\+.!
Partition	PT_US_VG_CD_Out_xForm ▼
Description	US International calling
Numbering Plan	< None > ▼
Route Filter	< None > ▼
☑ Urgent Priority	
☐ MLPP Preemption Disabled	

Called Party Transformations

Discard Digits	PreDot ▼
Called Party Transformation Mask	
Prefix Digits	9011
Called Party Number Type*	International ▼
Called Party Numbering Plan*	Private ▼

Answer: C

NEW QUESTION 53
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 58
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 63
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 65
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 68
A customer is deploying a SIP IOS gateway for a customer who requires that in-band DTMF relay is first priority and out-of-band DTMF relay is second priority. Which IOS entry sets the required priority?

A. dtmf-relay rtp-nte sip-notify B.dtmf-relay cisco-rtp
B. sip-notify dtmf-relay rtp-nte
C. dtmf-relay sip-kpml cisco-rtp

Answer: A

NEW QUESTION 71
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 73
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 75
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 76
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 77
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 78
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 81
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: 0x807FFFFF
    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 84
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 86
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 90
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 93
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 95
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 96
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 98
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 103
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 104
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 105
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

NEW QUESTION 110
An engineer must configure an MGCP gateway and register it to Cisco Unified Communications Manager. Which prerequisite must be met before applying the gateway commands to enable MGCP?

A. The MGCP gateway and the Cisco Unified CM must be able to communicate aver ports 5060 and 5061.
B. Cisco Unified CM and the MGCP gateway must utilize the SIP OPTIONS ping feature to monitor status.
C. The MGCP gateway must have voice service VoIP configured.
D. The MGCP gateway and the Cisco Unified CM must be able to communicate over ports 2427, 2428, and 2727.

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/ios/voice/cminterop/configuration/guide/12_4t/vc_12_4t_book/vc_ucm_mgcp_gw.html

NEW QUESTION 115
......