



# 350-801<sup>Q&As</sup>

Implementing and Operating Cisco Collaboration Core Technologies  
(CLCOR)

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### QUESTION 1

How does an administrator ensure compliance with ITU-T G.114 latency requirements when deploying voice and video applications over routes that include a geostationary satellite?

- A. For voice and video applications over satellite, Cisco recommends using WAN optimization compression, which will save space or time of the transmission. The latency will then be below the recommended latency threshold for voice.
- B. Using G.729 voice codec instead of G.711 voice codec will reduce the packet size and the latency to stay within the recommended threshold.
- C. The satellite is 35,786 km (22,236 miles) above sea level (from the equator), so an engineer will not get below 150 ms latency in one direction and will need to manage the expectation of the user.
- D. The application will work because it will be below the recommended latency requirement if an engineer uses compressed headers to speed up the voice packets.

Correct Answer: C

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/srnd/collab11/collab11/netstruc.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/collab11/collab11/netstruc.html)

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### QUESTION 2

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

Correct Answer: B

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### QUESTION 3

Which feature is enabled by Cisco Mobile and Remote Access?

- A. Internal SIP clients registered to Cisco UCM can call external companies.
- B. Clients such as Cisco Jabber can use call control on Cisco UCM.
- C. VPN connectivity can be established to Cisco UCM.
- D. Cisco UCC Express clients can obtain VPN connectivity to Cisco UCC Enterprise.

Correct Answer: B

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#### QUESTION 4

An engineer troubleshoots outbound call failure on an ISDN-PRI circuit. The engineer is suspecting the "Incomplete Destination". Which debugs or commands are run in the voice gateway to troubleshoot the issue?

- A. debug isdn q921 term mon
- B. debug voip ecapi inout show controller ti
- C. debug isdn q931 show isdn status
- D. debug isdn q921 debug voip ecapi inout

Correct Answer: C

The engineer should run the following debugs or commands in the voice gateway to troubleshoot the issue: debug isdn q931 - This debug will show the ISDN Q.931 messages that are being exchanged between the voice gateway and the ISDN switch. This can be used to identify the cause of the "Incomplete Destination" error. show isdn status This command will show the status of the ISDN PRI circuit. This can be used to verify that the circuit is up and running. The other options are not correct. The debug isdn q921 command will show the ISDN Q.921 messages that are being exchanged between the voice gateway and the ISDN switch. This is not necessary for troubleshooting the issue. The term mon command will show the terminal monitor output. This is not necessary for troubleshooting the issue. The debug voip ecapi inout command will show the VoIP ECAP messages that are being exchanged between the voice gateway and the VoIP server. This is not necessary for troubleshooting the issue. The show controller ti command will show the status of the T1 controller. This is not necessary for troubleshooting the issue.

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#### QUESTION 5

What does average rate limiting allow?

- A. transmits traffic bursts up to the Bc size
- B. more traffic than the CIR to be sent when there is available bandwidth
- C. bandwidth up to the Be size
- D. traffic to burst to the Be size when there is available bandwidth

Correct Answer: D

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/qos\\_plcshp/configuration/15-mt/qos-plcshp-15-mt-book/qos-plcshp-oview.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/qos_plcshp/configuration/15-mt/qos-plcshp-15-mt-book/qos-plcshp-oview.html)

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#### QUESTION 6

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

Correct Answer: C

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](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)

### QUESTION 7

Refer to the exhibit.

```
admin:utils ntp status
ntpd (pid 17428) is running...
```

remote	refid	st	t	when	poll	reach	delay	offset	jitter
*192.168.1.1	17.253.14.125	2	u	39	64	3	0.456	-0.236	0.116
*192.168.1.2	17.253.14.125	2	u	38	64	3	0.817	-0.695	0.395

When making a call to a Mobile and Remote Access client, what are the combinations of protocol on each of the different sections A-B-C?

- A. IP TCP/TLS (A) + SIP TCP/TLS (B) + SIP TLS (C)
- B. SIP TCP/TLS (A) + SIP TCP/TLS (B) + SIP TCP/TLS (C)
- C. SIP TLS (A) + SIP TLS (B) + SIP TLS (C)
- D. SIP TCP/TLS (A) + SIP TLS (B) + SIP TLS (C)

Correct Answer: D

Reference: [https://www.cisco.com/c/dam/en/us/td/docs/voice\\_ip\\_comm/expressway/config\\_guide/X8-9/Mobile-Remote-Access-via-Expressway-Deployment-Guide-X8-9-1.pdf](https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/expressway/config_guide/X8-9/Mobile-Remote-Access-via-Expressway-Deployment-Guide-X8-9-1.pdf)

### QUESTION 8

Which DiffServ marking is the most likely to drop packets?

- A. AF32
- B. AF12
- C. AF11
- D. AF13

Correct Answer: D

Resource [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/qos\\_dfsrv/configuration/15-mt/qos-dfsrv-15-mt-book/qos-dfsrv.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/qos_dfsrv/configuration/15-mt/qos-dfsrv-15-mt-book/qos-dfsrv.html)



### QUESTION 9

Which protocol does prime collaboration Assurance use to poll the health status of different systems in the collaboration environment?

- A. SIP
- B. SMTP
- C. SCCP
- D. SNMP

Correct Answer: D

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### QUESTION 10

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.

Correct Answer: B

16 is a invalid stratum value that means "this server is not considered a time provider". The stratum can be invalid for various reasons, the most common of which is that the "time provider not synchronized", the "configured source does not exist", or the "ntp server not running". CUCM can communicate with the NTP server on Port 123

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### QUESTION 11

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

Correct Answer: C

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

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#### QUESTION 12

What happens to voice packets from a Cisco 8845 IP phone in the QoS trust boundary?

- A. The voice packets are not trusted, and the access layer switch reclassifies the packets.
- B. The voice packets are classified by the phone, and the classification is accepted.
- C. The phone and access layer switch negotiate the classification of packets.
- D. Cisco UCM determines how the voice packets are classified.

Correct Answer: B

Reference: <https://www.ccexpert.us/qos-implementing/qos-trust-boundary-in-the-lan-classify-and-mark-where.html>

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#### QUESTION 13

Which protocol is used between Cisco Jabber clients for instant messaging and presence?

- A. Jabber
- B. P2P
- C. SIP/SIMPLE
- D. XMPP

Correct Answer: D

An XMPP connection handles the presence information exchange and instant messaging operations for XMPP-based clients.

Reference:

[https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/im\\_presence/configAdminGuide/10\\_5\\_1/CUP0\\_BK\\_CE43108E\\_00\\_config-admin-guide-imp-105/CUP0\\_BK\\_CE43108E\\_00\\_config-admin-guide-imp-105\\_chapter\\_00.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/im_presence/configAdminGuide/10_5_1/CUP0_BK_CE43108E_00_config-admin-guide-imp-105/CUP0_BK_CE43108E_00_config-admin-guide-imp-105_chapter_00.html)

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#### QUESTION 14

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

Correct Answer: AC

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#### QUESTION 15

What is a description of the DiffServ model used for implementing QoS?

- A. AF41 has higher drop precedence than AF42, which has higher drop precedence than AF43.
- B. Voice and video calls are marked with different DSCP values and placed in different queues.
- C. AF43 has higher drop precedence than AF42 but lower drop precedence than AF41.
- D. RTP traffic from voice and video calls is marked EF and placed in the same queue.

Correct Answer: B

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