



**Cisco**

## **Exam Questions 350-801**

Implementing and Operating Cisco Collaboration Core Technologies

### NEW QUESTION 1

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 2

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 3

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 not 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](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 4

Refer to the exhibit.

**Endpoint A:**  
m=audio 21796 RTP/AVP 108 9 104 105 101  
b=TIAS:64000  
a=extmap:14 <http://protocols.cisco.com/timestamp#100us>  
a=rtpmap:108 MP4A-LATM/90000  
a=fmtp:108 bitrate=64000;profile-level-id=24;object=23  
a=rtpmap:9 G722/8000  
a=rtpmap:104 G7221/16000  
a=fmtp:104 bitrate=32000  
a=rtpmap:105 G7221/16000  
a=fmtp:105 bitrate=24000  
a=rtpmap:101 telephone-event/8000  
a=fmtp:101 0-15  
a=trafficclass:conversational.audio.immersive.aq:admitted

**Endpoint B:**  
m=audio 21796 RTP/AVP 105 0 8 18 101  
b=TIAS:64000  
a=extmap:14 <http://protocols.cisco.com/timestamp#100us>  
a=rtpmap:105 G7221/16000  
a=fmtp:105 bitrate=24000  
a=rtpmap:0 PCMU/8000  
a=rtpmap:8 PCMA/8000  
a=rtpmap:18 G729/8000  
a=fmtp:18 annexb=no  
a=rtpmap:101 telephone-event/8000  
a=fmtp:101 0-15  
a=trafficclass:conversational.audio.immersive.aq:admitted

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 5

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 6

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 7

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 8

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 9

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](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/collab10/collab10/netstruc.html)

#### NEW QUESTION 10

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 10

Refer to the exhibit

```
INVITE sip:2002@10.10.10.10:5060 SIP/2.0
[...truncated...]
v=0
o=UAC 6107 7816 IN IP4 10.10.10.11
s=SIP Call
c=IN IP4 10.10.10.11
t=0 0
m=audio 8190 RTP/AVP 18 110
c=IN IP4 10.10.10.11
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=no
a=rtpmap:110 telephone-event/8000
a=fmtp:110 0-16
a=ptime:20

SIP/2.0 200 OK
[...truncated...]
v=0
o=UAS 4692 9609 IN IP4 10.10.10.10
s=SIP Call
c=IN IP4 10.10.10.10
t=0 0
m=audio 8056 RTP/AVP 18
c=IN IP4 10.10.10.10
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=no
a=ptime:20
```

The SDP offer/answer has been completed successfully but there is no DTMF when users press keys. What is the cause of the issue?

- A. DTMF was negotiated properly in these messages.
- B. G.729 rather than G.711ulaw was negotiated.
- C. Payload type 110 was negotiated rather than type 101.
- D. DTMF was not negotiated on the call.

**Answer:** D

#### NEW QUESTION 12

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 13

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 17

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 21

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 24

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 26

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 28

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 29

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 pointing 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](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 31

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 34

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 36

As a voice engineer, which two recommendations do you 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 41

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 42

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 45

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