



Implementing Cisco Collaboration Core Technologies (CLCOR)



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Exam 350-801

Implementing Cisco Collaboration Core Technologies (350-801 CLCOR)

Version: 23.0

[Total Questions: 273]

Question No : 1

An engineer must configure codec on a Cisco Unified Border Element to prefer the G.711 ulaw and use G.711 codec as the

next The engineer logs in to the CUBE, enters the dial-peer configuration level, and runs the voice-class codec 100 command. Which set of commands completes the configuration?

- A. voice class codec 100 codec g711ulaw preference 1 codec g711alaw preference 2
- B. voice class codec 11j codec g711ulaw preferred codec g711alaw
- C. voice class codec 100
codec preference 1 g711ulaw
codec preference 2 g711alaw
- D. voice class codec 100 codec g711ulaw g711alaw

Answer: C

Explanation: The following commands are used to configure the codec on a Cisco Unified Border Element to prefer the G.711 ulaw and use G.711 alaw as the next codec:

Code snippet

```
voice class codec 100
codec preference 1 g711ulaw
codec preference 2 g711alaw
```

The voice class codec 100 command creates a new voice class with the ID of 100. The codec preference 1 g711ulaw command sets the preference for the G.711 ulaw codec to 1. The codec preference 2 g711alaw command sets the preference for the G.711 alaw codec to 2.

Question No : 2

Which configuration on Cisco UCM is required for SIP MWI to work?

- A. Assign an MWI extension on the mailbox.
- B. The line partition must be inside the inbound CSS assigned to the CUC SIP trunk.
- C. The line partition must be inside the rerouting CSS assigned to the Cisco Unity Connection SIP trunk.
- D. Set the "Enable message waiting indicator" on the port group.

Answer: B

Explanation:

The line partition must be inside the inbound CSS assigned to the CUC SIP trunk. This ensures that the SIP MWI messages are sent to the correct destination.

The other options are incorrect because:

- ✍ Assigning an MWI extension on the mailbox is not required for SIP MWI to work.
- ✍ The line partition does not need to be inside the rerouting CSS assigned to the Cisco Unity Connection SIP trunk.
- ✍ Setting the "Enable message waiting indicator" on the port group is not required for SIP MWI to work.

Question No : 3

What must be configured on a Cisco Unity Connection voice mailbox to access the mailbox from a secondary device?

- A. mobile user
- B. alternate names
- C. alternate extensions
- D. Attempt Forward routing rule

Answer: C

Explanation: To access a Cisco Unity Connection voice mailbox from a secondary device, you must configure an alternate extension for the mailbox. This is a phone number that is different from the mailbox's primary extension. When you call the alternate extension, you will be prompted to enter the mailbox's PIN. Once you have entered the PIN, you will be able to access the mailbox just as you would if you were calling from the primary device.

Question No : 4

Which characteristic of distributed class-based weighted fair queueing addresses jitter prevention?

- A. It provides additional granularity by allowing a user to create classes
- B. It minimizes jitter by implementing a priority queue for voice traffic

- C. It uses a priority queue for voice traffic to avoid jitter.
- D. It provides additional granularity by allowing a user to define custom class

Answer: B

Question No : 5

```
voice translation-rule 1
rule 1 /^[2-9].....$/ /\0/ type any subscriber
rule 2 /^1[2-9]..[2-9].....$/ /\0/ type any subscriber
```

Refer to the exhibit. What is the result of applying these two rules to a voice translation profile for use with an ISDN T1 PRI on a Cisco Voice Gateway?

- A. The leading Plus is stripped from the numeric phone number.
- B. The ISDN Plan is modified to the administrator's defined value.
- C. Any zero is stripped from the numeric phone number.
- D. The ISDN Type is modified to the administrator's defined value.

Answer: D

Question No : 6

Refer to the exhibit.

```
Via: SIP/2.0/TCP
10.10.10.2:5060;branch=a8bH5bK7954A198F
From:
<sip:012345678@10.10.10.2>;tag=8D79AF62-DB2
To: <sip:90123456@10.10.4.14>;
tag=811681~ffa80926-5fac-4cc5-b802-
2dbde74ae7w2-
v=0
o=CiscoSystemsCCM-SIP 811681 1 IN IP4
10.10.4.14
s=SIP Call
c=IN IP4 10.5.4.3
t=0 0
m=audio 27839 RTP/AVP 0 101
a=rtpmap:0 PCMU/8000
a=ptime:20
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-15
```

Which Codec is negotiated?

- A. G.729
- B. ILBC
- C. G.711ulaw
- D. G.728

Answer: C

Question No : 7

Which information is needed to restore the backup of a Cisco UCM publisher successfully?

- A. the TFTP server details
- B. the application credentials for Cisco UCM
- C. the security password for Cisco UCM
- D. the FTP server details

Answer: C

Question No : 8

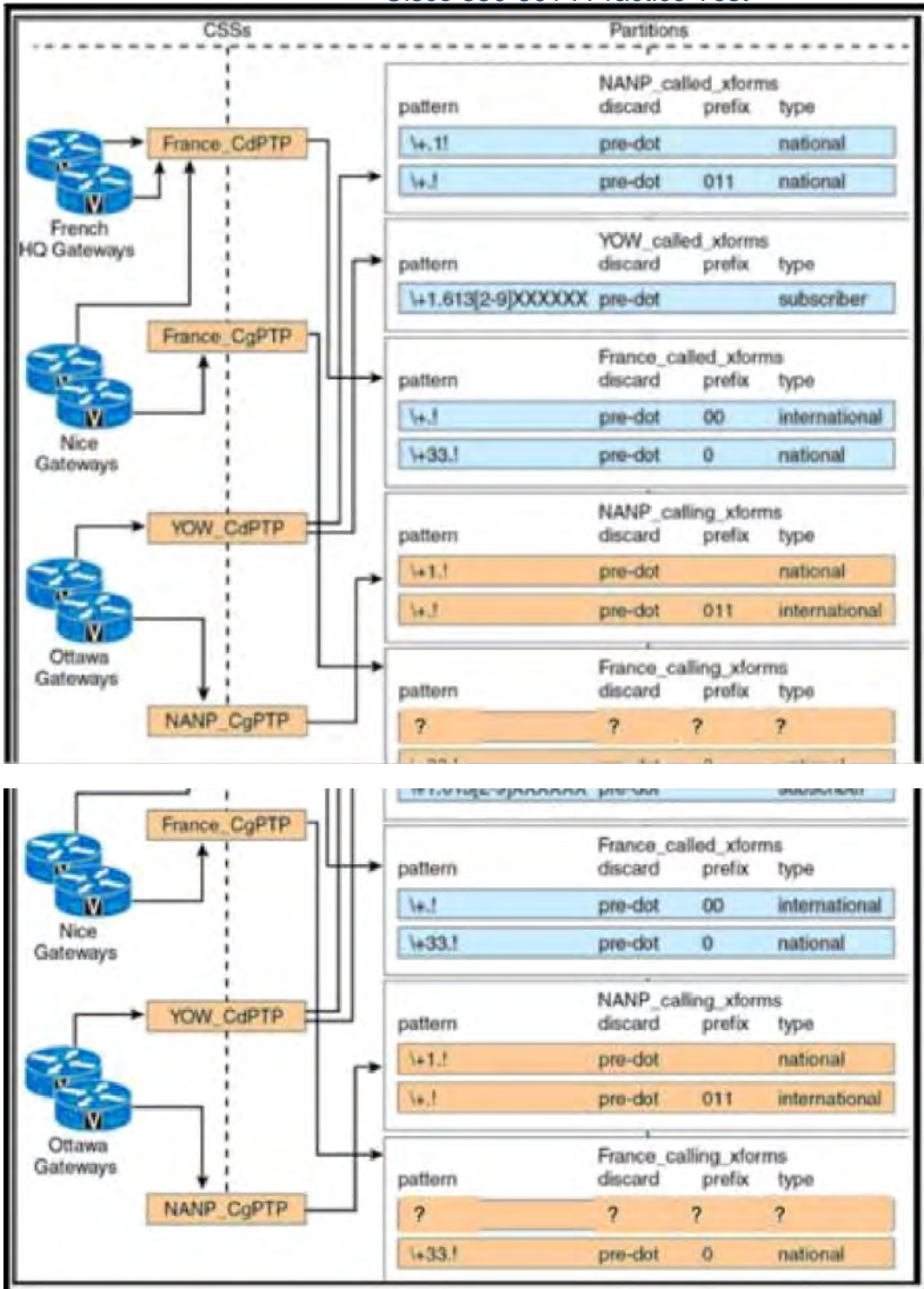
On a Cisco Catalyst Switch, which command is required to send CDP packets on a switch port that configures a Cisco IP phone to transmit voice traffic in 802.1Q frames, tagged with the voice VLAN ID 221?

- A. Device(config-if)# switchport voice vlan 221
- B. Device(config-if)# switchport vlan voice 221
- C. Device(config-if)# switchport access vlan 221
- D. Device(config-if)# switchport trunk allowed vlan 221

Answer: A

Question No : 9

Refer to the exhibit A call from +1 613 555 1234 that is sent out through the Nice Gateways should result in a calling party of 001 613 555 1234 with the numbering type "international" Which configuration accomplishes this goal?



- A. \+.001! pre-dot 1 international
- B. \+1.1 none pre-dot 001 international
- C. \+!.! pre-dot 00 international
- D. 613XXXXXXX none +011 international

Answer: C

Which two technical reasons make QoS a necessity in a video deployment? (Choose Two)

- A. Low response time between endpoints
- B. Provisioned bandwidth of the link
- C. Variable bit rate of the video stream
- D. Bursly behavior of video traffic

Answer: C,D

Question No : 11

An administrator has been asked to implement toll fraud prevention in Cisco UCM Which tool is used to begin this process?

- A. Cisco UCM class of service
- B. Cisco Unified Mobility
- C. Cisco UCM Access Control Group restrictions
- D. Cisco Unified Real-Time Monitoring Tool

Answer: A

Question No : 12

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. UDP161
- B. TCP 161
- C. UDP 162
- D. TCP 80

Answer: C

Question No : 13

An administrator needs to create a partial PRI consisting of the first seven timeslots

available. Which configuration snippet configures the ISDN E1 PRI for this task?

A.

```
config t
2900(config)#isdn switch-type primary-ni
2900(config)#interface Serial0/0/0:15
2900(config-controller)#pri-group timeslots 1-7
```

B.

```
config t
2900(config)#isdn switch-type primary-ni
2900(config)#controller e1 0/0/0
2900(config-controller)#pri-timeslots 1-7
```

C.

```
config t
2900(config)#isdn switch-type primary-ni
2900(config)#controller e1 0/0/0
2900(config-controller)#pri-group timeslots 1-7
```

D.

```
config t
2900(config)#isdn switch-type primary-ni
2900(config)#pri-group timeslots 1-7
```

Answer: C

Question No : 14

When multiple potential patterns are present, which two things are considered when Cisco UCM selects a destination pattern? (Choose two.)

- A. The pattern matches the shortest explicit prefix.
- B. The pattern does not match the dialed string.
- C. The pattern represents the smallest number of endpoints.
- D. The pattern matches the dialed string.
- E. The pattern represents the largest number of endpoints.

Answer: A,D

Question No : 15

```
controller t1 0/0/1
pri-group timeslots 1-24
clock source line
linecode b8zs
framing esf
```

Refer to the exhibit. An administrator must replace the T1 card with an E1 card. What is the correct configuration if the administrator was asked to configure 12 time slots?

A.

```
controller e1 0/0/1
pri-group timeslots 1-12
clock source network
linecode hdb3
framing crc4
```

B.

```
controller e1 0/0/1
pri-group timeslots 1-11, 12
clock source line
linecode hdb3
framing crc4
```

C.

```
controller e1 0/0/1
pri-group timeslots 1-12
clock source line
linecode hdb3
framing crc4
```

D.

```
controller e1 0/0/1
pri-group timeslots 1-12
clock source line
linecode crc4
framing hd3
```

Answer: C

Question No : 16

```
voice class codec 20
codec preference 1 g722-64
codec preference 2 ilbc mod 30
!
dial-peer voice 200 voip
destination-pattern ^408555...$
session target ipv4:10.2.3.4
incoming called-number 9T
dtmf-relay h245-alphanumeric rtp-nte
no vad
!
```

Refer to the exhibit. An administrator configured a codec preference list with G.722 and ILBC codecs. Which change must the administrator make in the dial-peer section of the configuration to use this list?

- A. add voice-codecs 20
- B. add session codec 20
- C. add codec preference 20
- D. add voice-class codec 20

Answer: D

Question No : 17

A company has an excessive number of call transfers to local and long-distance PSTN from Cisco Unity Connection voicemail. Which action in the Cisco Unity Connection restriction table resolves this issue?

- A. Block PSTN patterns on Default Transfer, Default Outdial, and Default System Transfer.
- B. Implement password complexity on voicemail boxes to prevent accounts from being compromised.
- C. Create a custom restriction table ???????????? and block it.
- D. Create a custom restriction table ***** and block it.

Answer: A

Question No : 18

Refer to the Exhibit.

```
dspfarm profile 1 mtp
  codec g711ulaw
  maximum sessions software 50
  associate application SCCP
```

Which command is required to allow this media resource to handle Video Media streams?

- A. maximum sessions hardware 50
- B. video codec h264
- C. codec pass-through
- D. associate application Cisco unified border element

Answer: C

Question No : 19

What is required for Cisco UCM to accept SIP calls with a URI in the format of 'sip:2001@cucmpub.cisco.com'?

- A. Define Cluster Fully Qualified Domain Name under Servers in Cisco UCM.
- B. Change the Destination Address to a Fully Qualified Domain Name on the SIP trunk.
- C. Define Cluster Fully Qualified Domain Name in Enterprise Parameters.
- D. Set the SIP URI Handling to True in CallManager Service Parameters.

Answer: C

Question No : 20

An engineer is integrating Unity Connection with Cisco UCM. Which two actions must be configured so that recording and playback from the IP phones works at all times, including peak traffic hours? (Choose two.)

- A. Increase the number of voice ports.
- B. If it's a Unity Connection Cluster, ensure that replication is fine and not in split-brain mode.
- C. The phone system to which the phones are registered in Unity Connection has the Default Trap Switch check box enabled.
- D. Add dedicated dial-out ports with the allow trap connections setting selected.
- E. Ensure that you have set up SIP Digest Authentication on the SIP trunk security profile.

Answer: A,C

Question No : 21

Which value should be changed when each Cisco UCM node does not allow for more than 5000 phones to be registered?

- A. Maximum Number of Registered and Unregistered Devices service parameter on each node
- B. Minimum Number of Phones service parameter on each node
- C. Maximum Number of Registered Devices service parameter on each node
- D. Maximum Number of Phones service parameter on the Publisher

Answer: C

Question No : 22

Why isn't an end user's PC device in a QoS trust boundary included?

- 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

Question No : 23

A network administrator deleted a user from the LDAP directory of a company. The end user shows as Inactive LDAP Synchronized User in Cisco UCM. Which step is next to remove this user from Cisco UCM?

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

Answer: B

Question No : 24

Which call routing pattern is used for phone numbers that are in the E.164 format?

- A. /+.! Route Pattern
- B. \+.! Route pattern
- C. \+.! Translation Pattern
- D. \+1.[2-9]XX[2-9]XXXXXXX called Party Transformation Pattern

Answer: B

Question No : 25

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

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

Answer: B

Question No : 26

During the Cisco IP Phone registration process, the TFTP download fails. What are two reasons for this issue? (Choose two.)

- A. The DNS server was not specified, which is needed to resolve the DHCP server IP address.
- B. Option 100 string was not specified, or an incorrect Option 100 string was specified.
- C. The Cisco IP Phone does not know the IP address of the TFTP server.
- D. The Cisco IP Phone does not know the IP address of any of the Cisco UCM Subscriber nodes.
- E. Option 150 string was not specified, or an incorrect Option 150 string was specified.

Answer: C,E

Question No : 27

Which location must be assigned to the SIP trunk to replicate enhanced location information via a SIP trunk?

- A. phantom
- B. replica
- C. hub_none
- D. shadow

Answer: D

Question No : 28

Which DSCP marking is represented as 101110 in an IP header?

- A. EF
- B. CS3
- C. AF41
- D. AF31

Answer: A

Question No : 29

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 HDMI Output
- B. xStatus video Output
- C. xconfiguration video Output
- D. xcommand video status

Answer: B

Question No : 30

Refer to the exhibit.

The screenshot shows the 'SIP Trunk Security Profile Information' configuration page. The fields are as follows:

Field	Value
Name*	Secure SIP Trunk Profile
Description	Non Secure SIP Trunk Profile authenticated by null String
Device Security Mode	Encrypted
Incoming Transport Type*	TLS
Outgoing Transport Type	TLS
<input type="checkbox"/> Enable Digest Authentication	
Nonce Validity Time (mins)*	600
Secure Certificate Subject or Subject Alternate Name	
Incoming Port*	5061

An administrator configures a secure SIP trunk on Cisco UCM.

Which value is needed in the secure certificate subject or subject alternate name field to accomplish this task?

- A. The fully qualified domain name of the remote device that is configured on the SIP trunk.
- B. The common name of the Cisco UCM CallManager certificate.
- C. The full qualified domain name of all Cisco UCM nodes that run the CallManager service.
- D. The common name of the remote device certificates.

Answer: B

Question No : 31

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 10\$ entry sets the required priority?

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

Answer: D

Question No : 32

Which Cisco UCM configuration is required for SIP MWI integrations?

- A. Enable "Accept presence subscription" on the SIP Trunk Security Profile.
- B. Select "Redirecting Diversion Header Delivery - Outbound" on the SIP trunk.
- C. Enable "Accept unsolicited notification" on the SIP Trunk Security Profile.
- D. Select "Redirecting Diversion Header Delivery - Inbound" on the SIP trunk.

Answer: C

Question No : 33

```
Sent:
INVITE sip:2004@192.168.100.100:5060 SIP/2.0
Via: SIP/2.0/UDP 192.168.100.200:5060;branch=z9hG4bKFI1ED
From: "7000" <sip:7000@192.168.100.200>;tag=43CDE-1A22
To: <sip:2004@192.168.100.100>
Call-ID: 26BCA00-4C4E11EA-80169514-B1C46126@192.168.100.200
Supported: 100rel,timer,resource-priority,replaces,sdp-anat
Min-SE: 1800
User-Agent: Cisco-SIPGateway/IOS-16.9.5
Allow: INVITE, OPTIONS, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFY, INFO, REGISTER
CSeq: 101 INVITE
Contact: <sip:7000@192.168.100.200:5060>
Expires: 180
Max-Forwards: 68
P-Asserted-Identity: "7000" <sip:7000@192.168.100.200>
Session-Expires: 1800
Content-Type: application/sdp
Content-Length: 254

v=0
o=CiscoSystemsSIP-GW-UserAgent 5871 9974 IN IP4 192.168.100.200
s=SIP Call
c=IN IP4 192.168.100.200
t=0 0
m=audio 8002 RTP/SAVP 0
c=IN IP4 192.168.100.200
a=rtpmap:0 PCMU/8000
a=ptime:20
```

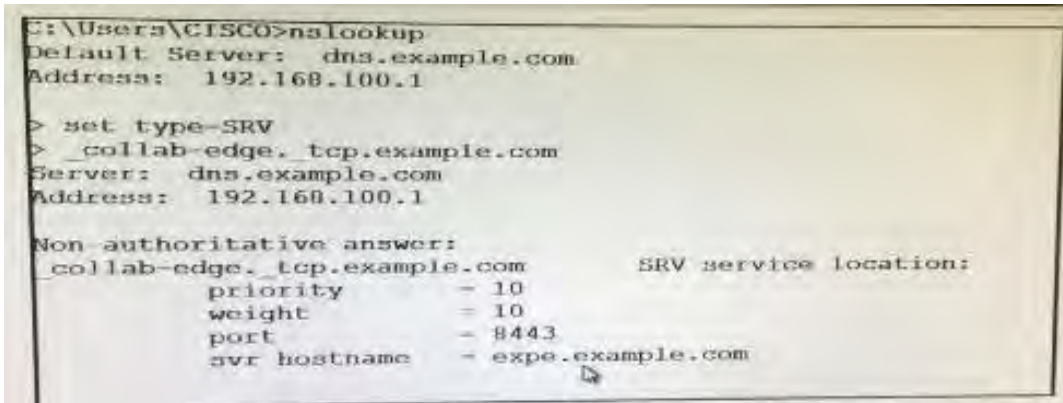
Refer to the exhibit. Calls to Cisco Unity Connection are failing across Cisco Unified Border Element when callers try to select a menu prompt Why is this happening and how is it fixed?

- A. Cisco Unity Connection is configured on G.729 only. Cisco Unity Connection must be reconfigured to support iLBC.
- B. Cisco Unified Border Element is not sending any support for DTMF. OTMF configuration must be added to the appropriate dial peer.
- C. Cisco Unified Border Element is sending the incorrect media IP address. The IP address of the loopback interface must be advertised in the SDP
- D. The Cisco Unity Connection Call Handler is configured for a "Release to Switch" transfer type Transfers must be disabled for the Cisco Unity Connection Call Handler

Answer: B

Question No : 34

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
svr hostname  = expe.example.com
```

You deploy Mobile and Remote Access for Jabber and discover that Jabber for Windows does not register to cisco Unified Communications Manager while outside of the office. What is a cause of this issue?

- A. The DNS record should be created for _ cisco-uds._tcp example.com.
- B. The DNS record should be changed from _collab-edge._tls example.com.
- C. The DNS record type should be changed from SRV to A.
- D. Server 4.2.2.2 is not a valid DNS server.

Answer: B

Question No : 35

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 phone configuration page in CUCM Administration
- B. The SIP Trunk security profile page in CUCM Administration
- C. The software Upgrades page in CUCM OS Administration
- D. The In-Room control Editor on the webpage of the MX800

Answer: D