

Exam **350-801**

Title **Implementing and Operating Cisco
Collaboration Core Technologies**

Version **6.0**

**Product
Type** **273 Q&A with explanations**

QUESTION 1

Which two functionalities does Cisco Expressway provide in the Cisco Collaboration architecture? (Choose two.)

- A. Survivable Remote Site Telephony functionality
- B. MGCP gateway registration
- C. secure business-to-business communications
- D. customer interaction management services
- E. secure firewall traversal for remote devices

Answer: C,E

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 2

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

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 3

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

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 4

An engineer is designing a load balancing solution for two Cisco Unified Border Element routers. The first router (cube1.abc.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 5060 cube1.abc.com
- B. _sip._udp.abc.com 60 IN SRV 60 1 5060 cube1.abc.com
- C. _sip._udp.abc.com 60 IN SRV 1 40 5060 cube2.abc.com
- D. _sip._udp.abc.com 60 IN SRV 3 60 5060 cube2.abc.com
- E. _sip._udp.abc.com 60 IN SRV 1 60 5060 cube1.abc.com

Answer: C,E

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 5

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 conferencing

Answer: A,D

Section: Infrastructure and Design

Explanation

Explanation/Reference:

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

QUESTION 6

An incoming off-net call to a user fails. An engineer notices that the off-net call is G.711, but the phone accepts only G.729. Which media resource on a Cisco Unified Border Element and Cisco Unified Communications Manager must the engineer configure to manage the codec negotiation?

- A. transcoder
- B. CFB
- C. MOH
- D. MTP

Answer: A

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 7

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 Block Setup Destination
- C. Block OffNet To OffNet Transfer
- D. Enterprise Feature Access Code for Conference

Answer: A

Section: Infrastructure and Design

Explanation

Explanation/Reference:

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

QUESTION 8

A network administrator deleted a user from the LDAP directory of a company. The end user shows as Inactive LDAP 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

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 9

A customer has Cisco Unity Connections that is integrated with LDAP. As a Unity Connection administrator, you have received a request to change the first name for VM user. Where must the change be performed?

- A. Cisco Unity Connection
- B. Cisco Unified Communications Manager end user
- C. Active Directory
- D. Cisco IM and Presence

Answer: C

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 10

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

Section: Infrastructure and Design

Explanation

Explanation/Reference:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/10_0_1/ccmcf/CUCM_BK_C95ABA82_00_admin-guide-100/CUCM_BK_C95ABA82_00_admin-guide-100_chapter_0110.html

QUESTION 11

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

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 12

When a new SIP phone is registered to Cisco Unified Communications Manager, it keeps failing and showing an "'unprovisioned'" error message in the phone display. Which problem is a possible cause of this issue?

- A. Auto-registration is disabled on the Cisco Unified Communications Manager nodes and the phone device does not have a DN configured.
- B. The DN assigned to the phone is already in use by another SIP phone.
- C. The phone cannot download and install the latest firmware.
- D. The DHCP settings are set incorrectly and the phone does not have an alternate TFTP defined.
- E. The DN configuration for this phone is shared with an SCCP phone, which is not supported.

Answer: C

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 13

Which DHCP option must be set up for new phones to obtain the TFTP server IP address?

- A. option 15
- B. option 6
- C. option 66
- D. option 120

Answer: C

Section: Infrastructure and Design

Explanation

Explanation/Reference:

Reference: <https://blog.router-switch.com/2013/03/dhcp-option-150-dhcp-option-66/>

QUESTION 14

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 one user device profile assigned.

Answer: A,D

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 15

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

Section: Infrastructure and Design

Explanation

Explanation/Reference:

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_cucmsystem-configuration-guide-1151_chapter_01110.html

QUESTION 16

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

Section: Infrastructure and Design

Explanation

Explanation/Reference:

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.

QUESTION 17

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

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 18

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

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 19

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 Software Upgrades page in CUCM OS Administration
- B. The In-Room Control Editor on the webpage of the MX800
- C. The phone configuration page in CUCM Administration
- D. The SIP Trunk Security Profile page in CUCM Administration

Answer: A

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 20

A presence redundancy group is deployed, and an engineer 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 services on the secondary node
- D. restarts the Cisco Presence Engine

Answer: B

Section: Infrastructure and Design

Explanation

Explanation/Reference:

QUESTION 21

Which packet delay is the maximum supported between Cisco Unified Communications Manager nodes for clustering over WAN deployments?

- A. 150 ms round trip
- B. 510 ms round trip
- C. 40 ms round trip
- D. 80 ms round trip

Answer: D

Section: Infrastructure and Design

Explanation

Explanation/Reference:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/collab11/collab11/callpros.html

QUESTION 22

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