



**Cisco**

## **Exam Questions 300-820**

Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI)

#### NEW QUESTION 1

What is the purpose of using ICE for Mobile and Remote Access endpoints in the Cisco Collaboration infrastructure?

- A. ICE controls the bandwidth usage for Cisco Collaboration endpoints if the endpoints are located outside the company network.
- B. ICE enables Cisco Collaboration endpoints to determine if there is direct connectivity between them.
- C. ICE uses FAST updates to optimize the video quality in case of packet loss.
- D. This technology is available only from Cisco Unified CM version 11.5 and later.
- E. ICE enablement allows for the Cisco Collaboration endpoint to register through Expressway servers to Cisco Unified Communications Manager behind a firewall.

**Answer:** B

#### NEW QUESTION 2

A company already has a Cisco Unified Communications Manager for internal audio and video traffic, but it requires video communication with external partners and customers. It is important to ensure security for the deployment and the connectivity. What must be set up to enable this requirement?

- A. Cisco Unified Border Element and Cisco ASA Firewall
- B. Cisco Unified Border Element and Cisco Firepower Firewall
- C. Cisco Expressway-C and Cisco Expressway-E
- D. Cisco Expressway-C and Cisco Unified Border Element

**Answer:** C

#### NEW QUESTION 3

When an Expressway-E is configured for static NAT, which Session Description Protocol attribute is modified to reflect the NAT address?

- A. SDP b-line
- B. SIP record route
- C. SDP c-line
- D. SDP m-line

**Answer:** C

#### NEW QUESTION 4

When configuring a Cisco Expressway solution and need to design the dial plan with various rules for URIs and numbers coming through the device. To do so, it is important that some dial plan rules are applied in a certain order. When configuring the transform section, you must know the range of the priorities. Which range is correct?

- A. any number in the drop-down menu
- B. any number in the dialog box
- C. any number between 1-128
- D. any number between 1-65534

**Answer:** D

#### NEW QUESTION 5

Which service is available in a cloud-based deployment using Cisco Webex Messenger?

- A. Presence
- B. Phone services
- C. Voicemail
- D. Call forward services

**Answer:** A

#### NEW QUESTION 6

What is a key configuration requirement for Hybrid Message Service High Availability deployment with multiple IM and Presence clusters?

- A. You must have the Intercluster Sync Agent working across your IM and Presence clusters.
- B. You must have the Intercluster Lookup Service working across all of your IM and Presence clusters.
- C. Your IM and Presence Service clusters must have Multiple Device Messaging disabled.
- D. AXL service should be activated only on the publisher of each IM and Presence cluster.

**Answer:** A

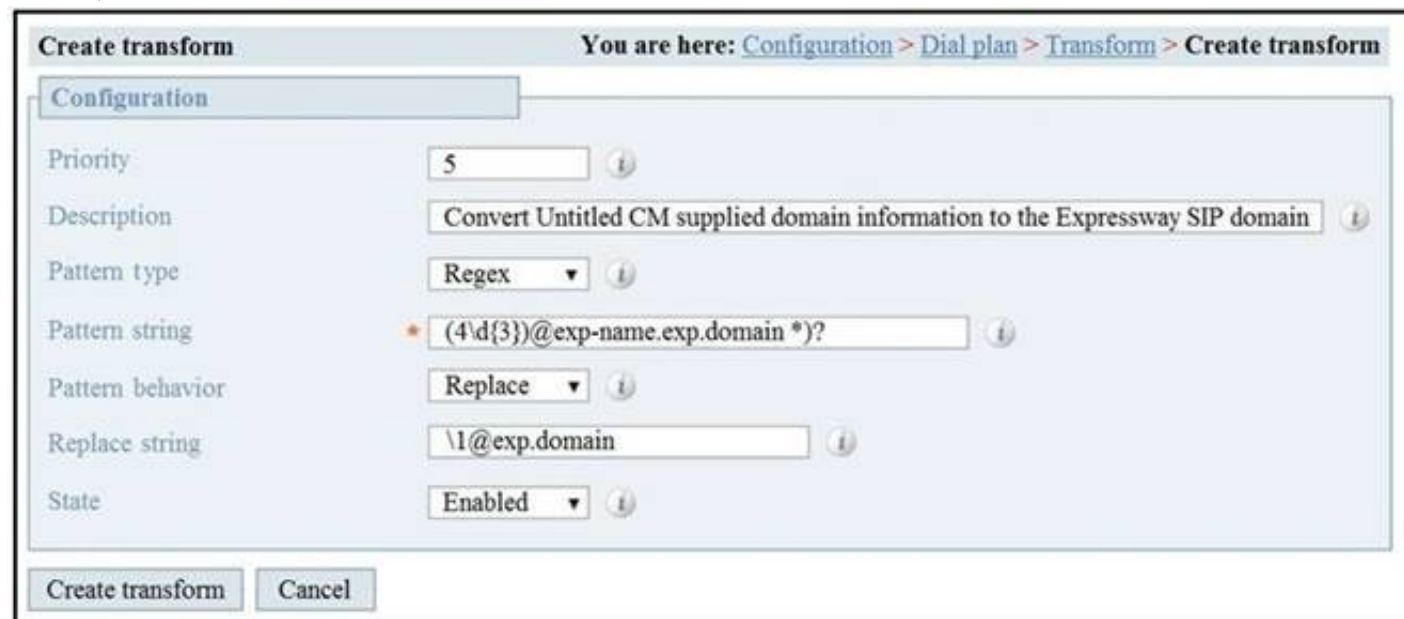
#### NEW QUESTION 7

What are two reasons why port 8443 is unreachable from the Internet to the Expressway-E? (Choose two.)

- A. The MRA license is missing on the Expressway-E.
- B. The Unified Communications zone is down.
- C. Transform is not configured on Expressway-E.
- D. The SRV record for \_cisco-uds is misconfigured.
- E. The firewall is blocking the port.

Answer: DE

#### NEW QUESTION 8



Refer to the exhibit. Which description of the transformation is true?

- A. It converts 4123@exp-name.exp.domain:<port> to 4123@exp.domain
- B. It changes all patterns that begin with 4123@exp-name.exp.domain:<port> to 1@exp.domain
- C. It changes 413@exp-name.exp.domain:<port> to 413@exp.domain
- D. It converts 4.3@exp-name.exp.domain:<port> to 1@exp.domain

Answer: A

#### NEW QUESTION 9

A Cisco Webex Hybrid Video Mesh Node can be installed in the DMZ and on the internal network.  
 Which statement is true?

- A. Webex Cloud supports either a DMZ-based Mesh Node for security or an internal-based Mesh Node for media control only.
- B. Installing a Video Mesh Node in the DMZ requires you to open TCP and UDP port 4444 in your internal firewall for full clustering functionality.
- C. Installing a Video Mesh Node in the DMZ requires the external firewall to allow UDP traffic from ANY port to the address of the Video Mesh Nodes via port 5004.
- D. Using internal Video Mesh Node also works due to Mobile and Remote Access setup for Webex Teams client
- E. A DMZ node is added for extra security.

Answer: C

#### NEW QUESTION 10

An organization with a domain name of example.com.  
 Which two SRV records are valid for a SIP and H.323 communication? (Choose two.)

- A. \_sips.\_tcp.example.com
- B. \_sips.\_udp.example.com
- C. \_h323ls.\_udp.example.com
- D. \_h323ls.\_tcp.example.com
- E. \_collab-edge.\_tls.example.com

Answer: AC

#### NEW QUESTION 10

Which two statements about Mobile and Remote Access certificate are true? (Choose two.)

- A. Expressway Core can use private CA signed certificate.
- B. You must upload the root certificates in the phone trust store.
- C. Expressway must generate certificate signing request.
- D. Expressway Edge must use public CA signed certificate.
- E. The Jabber client can work with public or private CA signed certificate.

Answer: CD

#### NEW QUESTION 14

What is the Cisco-recommended key length in bits for a Cisco Expressway certificate?

- A. 1024
- B. 2048
- C. 4096
- D. 8192

Answer: C

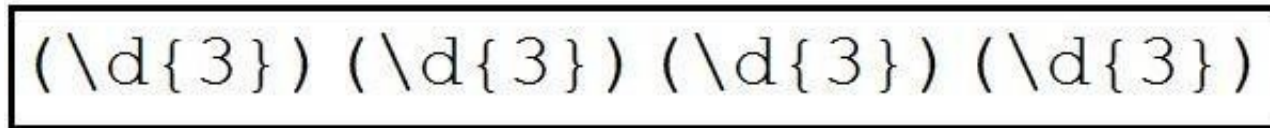
#### NEW QUESTION 16

A company has enabled ICE to optimize call flows and improve video quality between their Cisco Collaboration endpoints internally and externally. For which reason would you see activity on the TURN server when a call is established between two external endpoints?

- A. The video call is using encryption, which is not supported by ICE with CUCM 12.5
- B. ICE cannot reduce the packet loss on the link
- C. A STUN cannot punch holes in the firewall
- D. The video call is using 4K resolution, which is not supported by ICE with CUCM 12.5

**Answer:** A

#### NEW QUESTION 18



Refer to the exhibit. Which two numbers match the regular expression? (Choose two.)

- A. d20d16d20d22
- B. 2091652010224
- C. 209165200225
- D. d209d165d200d224
- E. 209165200224

**Answer:** CE

#### NEW QUESTION 22

Which step is required when configuring cloud and hybrid deployments for Cisco Jabber?

- A. Add the Jabber user to Cisco Unity Connection.
- B. Add the Jabber user to Expressway-E.
- C. Add the Jabber user to Expressway-C.
- D. Add Jabber Users to the Cisco Webex Administration Tool.

**Answer:** D

#### NEW QUESTION 23

Which two licenses are required for the B2B feature to work? (Choose two.)

- A. Traversal Server
- B. TURN Relays
- C. Rich Media Sessions
- D. Advanced Networking
- E. Device Provisioning

**Answer:** CE

#### NEW QUESTION 26

When determining why Mobile and Remote Access to Cisco TelePresence equipment does not work anymore for an organization. There are several administrators and configuration changes could have happened without anyone knowing. Internal communication seems to be working, but no external system can register or call anywhere. Gathering symptoms, you also discover that no internal systems can call out either. What is TraversalZone missing that causes this issue?

- A. link to the DefaultZone
- B. pipe to the DefaultZone
- C. SIP trunk to the DefaultZone
- D. route pattern to the DefaultZone

**Answer:** C

#### NEW QUESTION 28

Refer to the exhibit. When a Jabber user attempts to connect from outside of the organization, the user enters the login information as "user@example.com" and receives the error "Cannot find your services Automatically". The engineer tries to resolve SRV records used by Jabber. DNS A record "expressway-e.example.com" points to the Expressway-E IP and "cucm.example.com" points to the Cisco Unified Communications Manager. Which change resolves the DNS problem?

- A. Change cisco-uds to point to the Expressway-E FQDN.
- B. Change the collab-edge record to point to 5061.
- C. Remove the cisco-uds SRV record for the external DNS.
- D. Change the priority of the SRV record for cisco-uds.

**Answer:** C

#### NEW QUESTION 32

An organization wants to enable a Cisco Webex connector to synchronize all employees automatically with Cisco Webex instead of using a manual list. Where is the Webex Hybrid Directory Service configured?

- A. Install Cisco Directory Connector on a Microsoft Windows Domain server and configure the software and Webex Control Hub.
- B. Enable the directory service in Cisco Unified Communications Manager under Cisco Unified Serviceability and add the service in Webex Control Hub.
- C. Enable the directory service on Cisco Expressway Edge for Office 365 or Cisco Expressway Core for internal Active Directory and add the service in Webex Control Hub.
- D. Install the Cisco Express Connector and configure the device in Cisco Unified Communications Manager under Cisco Unified Serviceability and add the service in Webex Control Hub.

**Answer:** A

#### NEW QUESTION 34

Which role does Call Policy play when preventing toll fraud on Expressways?

- A. It controls which calls are allowed, which calls are rejected, and which calls are redirected to a different destination.
- B. It changes the calling and called number on a call.
- C. It changes the audio protocol used by a call through Expressways.
- D. It changes the audio codec used in a call through Expressways.

**Answer:** A

#### NEW QUESTION 39

Expressway-C Traversal Zone:

SIP: Failed to connect to 192.168.1.6:7001

Expressway-C Event Log shows the following:

2019-10-23T11:01:51.925-04:00 : Event="Outbound TLS Negotiation Error" Service="SIP" Src-ip="192.168.1.5" Src-port="27204" Dst-ip="192.168.1.6" Dst-port="7003" Detail="tlsv1 alert unknown ca" Protocol="TLS" Common-name="amer-expressway01.example.com" Level="1" UTCTime="2019-10-23 15:01:51,923"

Expressway-C server certificate shows the following decoded output:

Certificate:

Data:

Version: 3 (0x2)

Serial Number: 1 (0x1)

Signature Algorithm: sha256WithRSAEncryption

Issuer: O=Temporary CA fce4028e-92ba-4cbc-9e71-08b959888af4, OU=Temporary CA fce4028e-92ba-4cbc-9e71-08b959888af4,

CN=Temporary CA fce4028e-92ba-4cbc-9e71-08b959888af4

Refer to the exhibit. An Expressway-C and Expressway-E are configured for B2B calling and the Expressway-E zone is set to TLS Verify Currently, calls do not reach the Expressway-C. The Traversal Client zone on the Expressway-C for B2B reports the information in the exhibit for the Peer 1 address. Which action resolves this error?

- A. Configure the Expressway-C Traversal Client zone Peer 1 address with the fully qualified domain name of the Expressway-E.
- B. Configure the Expressway-C Traversal Client zone transport protocol with TCP.
- C. Add a server certificate to the Expressway-C that is signed by a certificate authority.
- D. Add an intermediate certificate to the Expressway-C that is signed by a certificate authority.

**Answer:** D

#### NEW QUESTION 44

With QoS enabled, which two statements about the Cisco Webex Video Mesh Node signaling and media traffic are true? (Choose two.)

- A. From VMN to CUCM SIP endpoints, the source UDP ports from 52500 to 62999 is used for audio traffic.
- B. From VMN to Webex Teams clients, the source UDP port 5004 is used for video traffic.
- C. From Webex cloud to VMN, the source UDP port 9000 is used for audio traffic.
- D. From VMN to video endpoints, the destination UDP port 5004 is used for audio traffic.
- E. From VMN to Webex cloud, the destination UDP port 9000 is used for video traffic.

**Answer:** AB

#### NEW QUESTION 46

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