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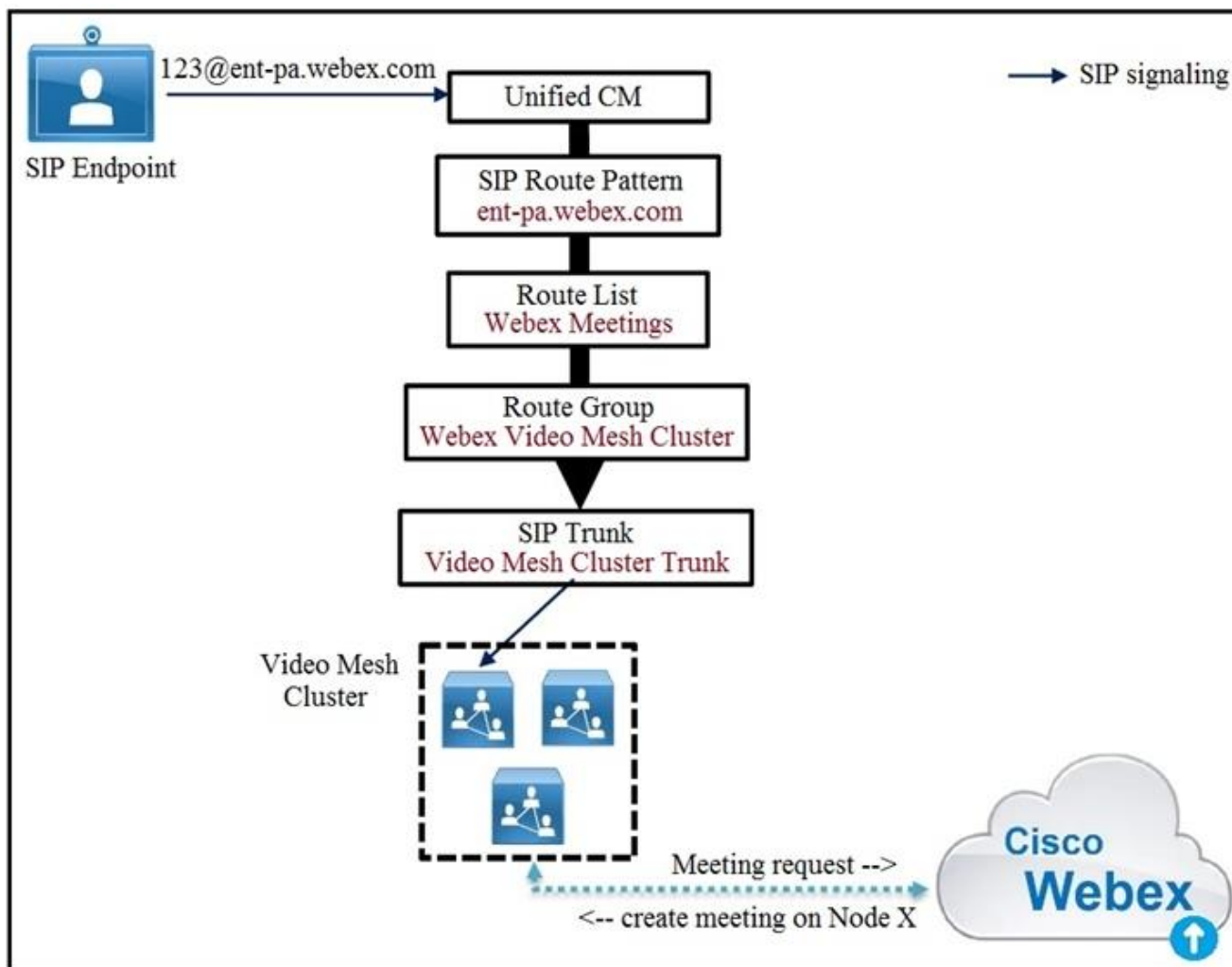
Exam : **300-820**

Title : Implementing Cisco
Collaboration Cloud and Edge
Solutions

Vendor : Cisco

Version : DEMO

NO.1 Refer to the exhibit.



Cisco Unified Communications Manager routes the call via the Webex Meetings route list and route group to the Video Mesh cluster. Node #1 in the Video Mesh cluster is hosting the meeting and has reached full capacity, but other nodes in the cluster still have spare capacity.

What happens to the participant's call?

- A.** Another node in the cluster is used and an intra-cluster cascade between the two Video Mesh nodes is formed.
- B.** The call is queued.
- C.** The call fails.
- D.** Another node in the cluster is used and an intra-cluster cascade between Webex and the new Video Mesh node is formed.

Answer: A

NO.2 Which two internal SIP endpoints behind a firewall place calls to external devices? (Choose two.)

- A.** An Expressway-C communicates with the internal endpoint and forwards the media to and from an Expressway-E.
- B.** A Cisco Endpoint is configured with a publicly routable static NAT SIP address to advertise instead of its private IP address.
- C.** An Expressway-C communicates directly with the remote party using the ICE protocol

- D. An Expressway-E is used as a VPN server to allow remote SIP edge servers to connect calls
- E. An Expressway-C rewrites the SIP SDP to advertise its own IP address to the external party.

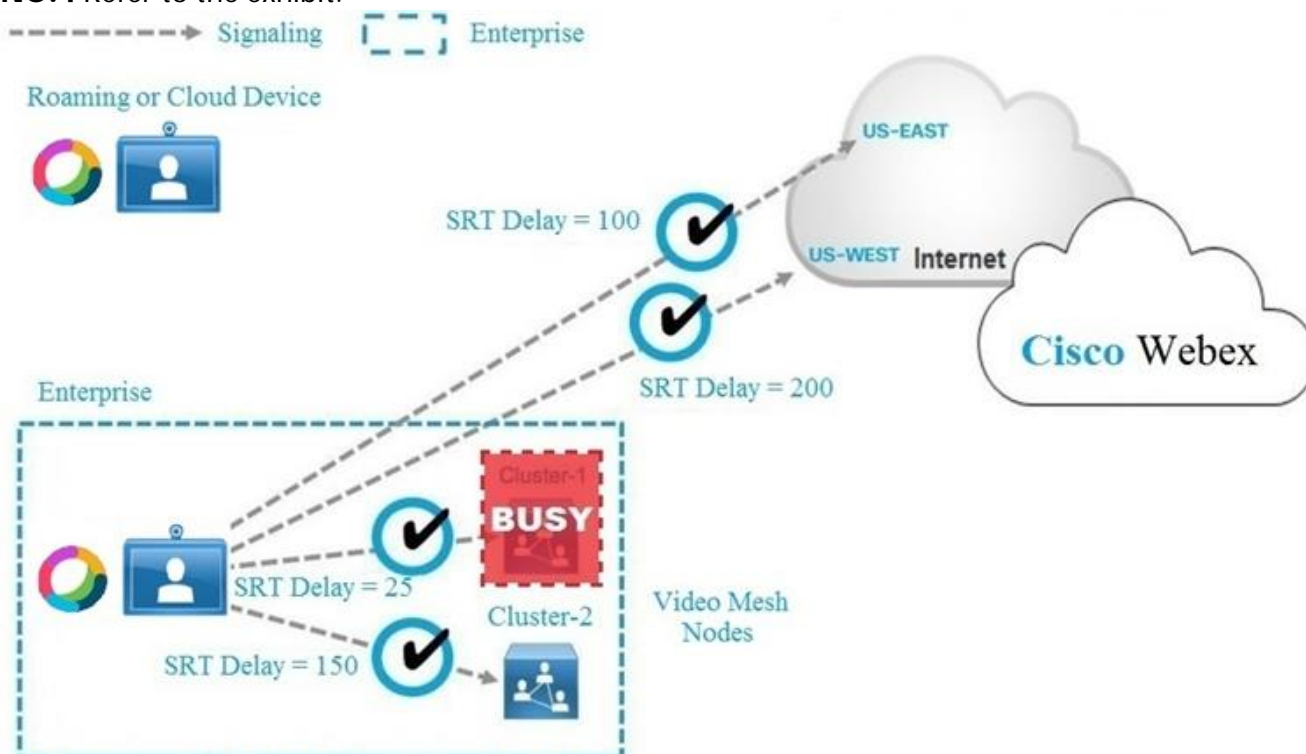
Answer: A,B

NO.3 What is a benefit of Cisco Webex Messenger Cloud deployment?

- A. Cloud deployment is more secure than an on-premises deployment.
- B. There is no additional cost to use a cloud deployment.
- C. Cloud deployment allows interoperability between Cisco Jabber and Webex Teams users.
- D. Cloud deployment is faster than using an on-premises deployment.

Answer: D

NO.4 Refer to the exhibit.



If the Webex Teams device cannot connect to Video Mesh Cluster-1 because it is busy, which media node does the Webex Teams device connect to next?

- A. Both Cloud Node US-EAST and US-WEST
- B. Video Mesh Cluster-2
- C. Cloud Node US-EAST
- D. Cloud Node US-WEST

Answer: B

NO.5 What is the last step for domain management in Cisco Webex Control Hub if an engineer adds users already signed in with the company domain?

- A. Publish a domain.
- B. Add a domain.
- C. Verify a domain.
- D. Claim a domain.

Answer: D

NO.6 An organization has a domain name of example.com. Which two SRV records are valid for a SIP and H 323 communication? (Choose two)

- A. _collab-edge._tls.example.com
- B. _sips_tcp.example.com
- C. _h323ls_tcp.example.com
- D. _h323ls_udp.example.com
- E. _sips_udp.example.com

Answer: B,D

NO.7 An engineer must enable the communication between two separate Expressway-C servers to allow inbound and outbound calling between different endpoints registered on each server. Which configuration must happen?

- A. Configure a traversal zone on each server with a destination of the other Expressway-C.
- B. Configure a neighbor zone on each server with a destination of the other Expressway-C.
- C. Configure a transform on each server to strip the port numbers at the end of the alias.
- D. Configure a transform on each server to convert the calling alias into the called alias.

Answer: B

NO.8 When a Cisco Webex Video Mesh Node is configured for an organization, which process does the Webex Teams client use to discover the optimal bridging resource?

- A. the lowest STUN round-trip delay to each node and cloud
- B. a reachable Video Mesh Node and then overflows to the cloud, if needed
- C. the SIP delay header during call setup
- D. an HTTPS speed and latency test to each node and the cloud

Answer: B

NO.9 A company is implementing Cisco Webex but has existing legacy Cisco video endpoint registered on-premises. The administrator of Webex wants the SIP address of these rooms to appear in the directory listing on Webex registered endpoints and in the Webex App. How can this be configured?

- A. Using the Directory Connector, room resources without Webex licenses can be synchronized with Webex to make the SIP address appear in the phonebook of the Webex App or the endpoint.
- B. Using the Directory Connector, room resources with flex licenses only can be synchronized with Webex to make the room appear in the phonebook of the Webex App or the endpoint. SIP address is then entered from Control Hub because it will not match the field.
- C. Using the Directory Connector, room resources with flex licenses only can be synchronized with Webex to make the SIP address appear in the phonebook of the Webex App or the endpoint.
- D. Using the Directory Connector, room resources without Webex licenses can be synchronized with Webex to make the room appear in the phonebook of the Webex App or the endpoint. SIP address is then entered from Control Hub because it will not match the field.

Answer: B

NO.10 Drag and drop the services from the left onto their descriptions on the right. Some services are used more than once.

0 STUN	0 Clients use this protocol to obtain an IP address and port from a server.
0 ICE	0 Clients send requests to a server. The server responds with a packet, which contains client public source IP address and port in the payload.
0 TURN	0 Clients try to communicate to different candidate transport addresses of other clients to find a path they can use to exchange media.
	0 The service is a framework to interconnect clients behind different NAT devices.

Answer:

0 STUN	0 TURN address
0 ICE	0 TURN server client public source IP address and port in the payload.
0 TURN	0 STUN candidate and a path they can use to exchange media.
	0 ICE ect clients

NO.11 Which mechanism does TLS use to validate identity?

- A. server certificate
- B. shared secret
- C. username and a password
- D. IP address of the peer

Answer: A

NO.12 Users in the Cisco Webex collaboration environment want to be able to use @webex when scheduling a Webex meeting from their Outlook client connected to Office365. Which configuration meets this requirement?

- A. Add an O365 tenant in the admin pages of Webex as a Microsoft 385 Global administrator.
- B. Add the Webex domain in the calendar integration services in the admin interface for Microsoft Exchange Online.
- C. Enable user onboarding for each user in the Webex admin interface. Each user will then authorize

Webex to read only their calendar in a secure manner.

D. Add an O365 tenant in the admin pages of Webex as a Webex site administrator.

Answer: B

NO.13 A new set of Expressway-C and Expressway-E is deployed and was configured for Mobile and Remote Access with basic settings. How must the engineer edit the inbound allow list rule?

A. Go to Configuration > Unified Communications > HTTP allow list > Editable inbound rules to view.

B. Go to Configuration > MRA > HTTP allow rules > Editable inbound rules to view, create, modify, or delete HTTP allow list rules.

C. Go to Configuration > MRA > Editable Inbound rules to view, create, modify, or delete HTTP allow list rules.

D. Go to Configuration > Unified Communications > MRA > HTTP allow list > Editable inbound rules to view, create, modify, or delete HTTP allow list rules.

Answer: D

NO.14 What is the Cisco-recommended key length in bits for a Cisco Expressway certificate?

A. 1024

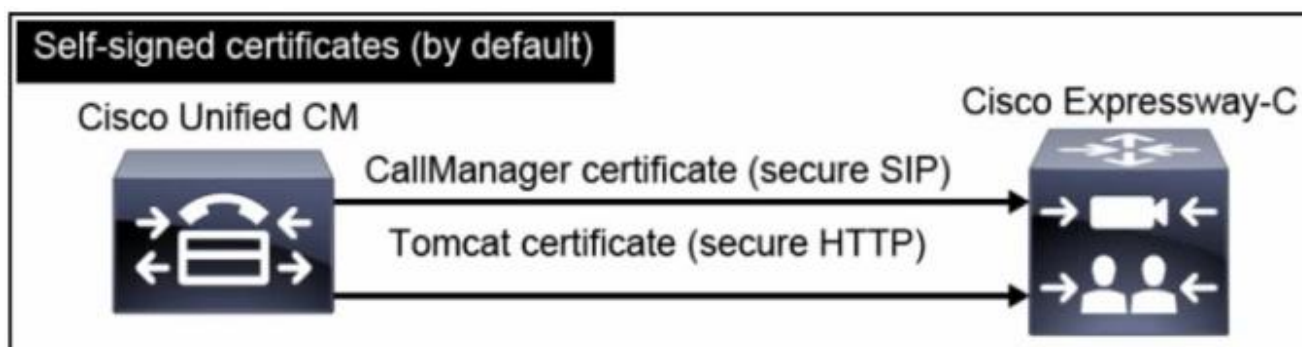
B. 2048

C. 4096

D. 8192

Answer: C

NO.15 Refer to the exhibit.



Refer to the exhibit. A Cisco UCM cluster in mixed mode is integrated with Cisco Expressway-C for Mobile and Remote Access endpoint registration. TLS verify mode is enabled and self-signed certificates with the same common name for Cisco Tomcat and Cisco Call Manager are uploaded to Expressway-C. A Cisco Jabber client fails to register using secure SIP. Which two configurations are the cause of the issue? (Choose two.)

A. The Tomcat certificate has the incorrect FQDN for the Cisco UCM server.

B. The Jabber client cannot connect to its associated phone device by using Cisco Computer Telephony Integration.

C. The incorrect secure device profile was applied to the Jabber client.

D. The Expressway-C does not allow two self-signed certificates with the same CN to be trusted.

E. The Call Manager certificate is causing a conflict.

Answer: D,E

NO.16 What is the result if force encryption for media is enabled in the Expressway on a zone that points to a system/endpoint that is not configured for encryption?

- A. The call is dropped.
- B. The call works with one end only sending encrypted media.
- C. The call renegotiates for unencrypted media.
- D. The call uses encryption if available, or it falls back to unencrypted media.

Answer: A

NO.17 In a larger Cisco Collaboration deployment, a user requires the advanced file transfer function in Cisco Jabber while the client is using Mobile and Remote Access. The deployment has multiple Expressway clusters and internal Cisco UCM clusters. Which configuration must be applied on Cisco Expressway-C for this function to be available?

- A. The HTTP Allow List must be manual or use Automatic inbound rules updated to include all Cisco IM and Presence servers.
- B. The HTTPS Allow List must be manual or use Automatic inbound rules updated to include all Cisco IM and Presence servers.
- C. The HTTP Allow List must use Automatic update rules to include all Cisco UCM servers.
- D. The HTTP Allow List must use Automatic update rules to include all Cisco IM and Presence servers.

Answer: B

NO.18 Which method is used to send the incoming call request to the client when the traversal server receives an incoming call for the traversal client?

- A. Requesting for permission from the firewall
- B. Using an existing keep-alive connection opened by the client
- C. Opening an outbound connection directly to the client through the firewall
- D. Opening an inbound connection directly to the client through the firewall

Answer: B

NO.19 An administrator must configure the DNS SRV records for Mobile and Remote Access for a company with the domain example.com, the Expressway-E FQDN is ExpE.example.com, and the Expressway-C FQDN is Exp-C.example.com. What must the administrator configure to allow external clients to discover the Expressway-E server?

- A. SRV record _collab-edge._tls.example.com that resolves to ExpE.example.com on port 8443
- B. SRV record _cisco-uds._tcp.example.com that resolves to ExpE.example.com on port 5061
- C. SRV record _cisco-uds._tcp.example.com that resolves to ExpC.example.com on port 8443
- D. SRV record _collab-edge._tls.example.com that resolves to ExpE.example.com on port 5061

Answer: A

NO.20 Refer to the exhibit.

`(\d{3}) (\d{3}) (\d{3}) (\d{3})`

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

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

Answer: C,E

NO.21 The Cisco Webex Hybrid Message service is deployed geographically for separate Cisco Unified IM and Presence clusters. What must be configured in the Cisco Webex Control Hub to achieve this deployment?

- A. geo-locations
- B. distributed DNS
- C. verified domains
- D. resource groups

Answer: D

Reference:

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cloudCollaboration/spark/hybridServices/messageservice/cmgt_b_spark-hybrid-message-deployment-guide/cmgt_b_spark-hybrid-messagedeployment-guide_chapter_00.html