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Vendor:Cisco

Exam Code:300-820

Exam Name:Implementing Cisco Collaboration Cloud
and Edge Solutions (CLCEI)

Version:Demo

QUESTION 1

Refer to the exhibit.

```
Module="network.ldap" Level="INFO": Detail="Authentication credential found
in directory for identity: expresswayturn"

Module="developer.nomodule" Level="WARN"
CodeLocation="ppcmains/sip/sipproxy/
SipProxyAuthentication.cpp(686)" Method="SipProxyAuthentication::
checkDigestSAResponse" Thread="0x7a2485cb0700": calculated response does not
match supplied response,
calculatedResponse=769c8f488b7leebdf28b61ablcdc9f5e9,
response=319a0bb365dccb98c1bb7b3ce350f6cc

Event="Authentication Failed" Service="SIP" Src-ip="10.1.1.161"
Src-port="25713" Detail="Incorrect authentication credential for user"
Protocol="TLS" Method="OPTIONS" Level="1"
```

Mobile Cisco Jabber cannot register with on-premises Cisco Unified Communications Manager using Mobile and Remote Access. Some logs were captured on Expressway Edge.

Which action corrects this problem?

- A. Ensure that the peer address does not match the Common Name on certificate.
- B. Ensure that the _cisco-uds SRV record has been configured.
- C. Ensure that the credential has been entered correctly.
- D. Ensure that the SIP domains are added on Expressway Core.

Correct Answer: C

QUESTION 2

Which step is required when configuring Cisco Webex Hybrid Message Service?

- A. Add Expressway-C and Cisco UCM to the Cisco Webex Cloud.
- B. Register Expressway-C Connector Hosts to the Cisco Webex Cloud.
- C. Add Cisco Unity Connection to Expressway-E.
- D. Register Expressway-C to Cisco UCM.

Correct Answer: B

QUESTION 3

Cisco Expressways are being deployed for Mobile and Remote Access. The Expressway-E internal interface (LAN1) IP is 192.168.100.10/24, and the external interface (LAN2) IP is 172.16.100.10/24. The Expressway-C IP is 192.168.20.10/24. The default gateway for each subnet is the first useable address. How must the Expressway-E be configured to allow proper routing to the internal and external networks?

- A. IPv4 gateway: 172.16.100.1, and a static route for the 192.168.100.0/24 subnet using LAN1
- B. IPv4 gateway: 192.168.100.1, and a static route for the 192.168.20.0/24 subnet using LAN1
- C. IPv4 gateway: 192.168.100.1, and a static route for the 172.16.100.0/24 subnet using LAN2
- D. IPv4 gateway: 172.16.100.1, and a static route for the 192.168.20.0/24 subnet using LAN1

Correct Answer: D

QUESTION 4

Which media encryption mode can be configured on an Expressway zone?

- A. Advanced Encryption Standard
- B. IPsec
- C. Triple Data Encryption Standard
- D. force unencrypted

Correct Answer: D

QUESTION 5

Refer to the exhibit.

Configuration	
Rule name	* CCNP-Collab ⓘ
Description	CCNP-Collab ⓘ
Priority	* 1 ⓘ
Protocol	SIP ⓘ
Source	Local Zone ⓘ
Request must be authenticated	No ⓘ
Mode	Alias pattern match ⓘ
Pattern type	Regex ⓘ
Pattern string	* 1?3+5 ⓘ
Pattern behavior	Replace ⓘ
Replace string	135 ⓘ
On successful match	Stop ⓘ
Target	* Traversal Zone ⓘ
State	Enabled ⓘ

When configuring a search rule that routes calls to a zone, what occurs when 13358 is dialed?

- A. 13358 is replaced by 135, and then is sent to the local zone.
- B. 13358 is replaced by 135 and remains in the same zone.
- C. 13358 is replaced by 135, and then is sent to the traversal zone.
- D. 13358 is sent directly to the traversal zone.

Correct Answer: D

QUESTION 6

Which configuration is required when implementing Mobile and Remote Access on Cisco Expressway?

- A. IPS
- B. SAML authentication
- C. Cisco Unified CM publisher address
- D. SSO

Correct Answer: C

QUESTION 7

An engineer must configure the zone to connect to an Expressway-E using Single NIC with NAT. The internal IP address is 192.168.10.63, and the NAT address is 203.0.113.5. What must the engineer configure on the Expressway-C to meet this requirement?

- A. traversal zone with the peer address 192.168.10.63
- B. neighbor zone with the peer address 192.168.10.63
- C. traversal zone with the peer address of 203.0.113.5
- D. neighbor zone with the peer address of 203.0.113.5

Correct Answer: C

Note - You must enter the FQDN of the Expressway-E, as it is seen from outside the network, as the peer address on the Expressway-C's secure traversal zone. The reason for this is that in static NAT mode, the Expressway-E requests that incoming signaling and media traffic should be sent to its external FQDN, rather than its private name.

This also means that the external firewall must allow traffic from the Expressway-C to the Expressway-E's external FQDN. This is known as NAT reflection, and may not be supported by all types of firewalls.

QUESTION 8

An engineer configures a Cisco Collaboration environment to use Mobile and Remote Access for external access for company users. The engineer uses OAuth with refresh on the Cisco UCM SIP lines for extra security and improved user experience. During the setup, Mobile and Remote Access does not work, it is enabled on the Cisco UCM and Cisco Expressways. SIP trunks on ports 5090 and 5091 are configured to avoid conflicts with other SIP trunks between internal Cisco UCM clusters. The traversal zone also uses port 6500. The traversal zone between Expressways shows no errors, and the requests hit Expressway-E from the Internet. What is the reason that the solution does not work?

- A. Mobile and Remote Access does not support OAuth with refresh with this configuration,
- B. The default port for Mobile and Remote Access is 6001. Therefore, the traversal port must be port 6001 for Mobile and Remote Access to work.
- C. The default port for Mobile and Remote Access is 6500, which creates a conflict with the existing traversal zone port.
- D. The default port for Mobile and Remote Access is 5091, which creates a conflict with the existing SIP trunks.

Correct Answer: D

QUESTION 9

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.

Correct Answer: C

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

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

Correct Answer: AC

QUESTION 11

Where are voice calls handled in a Cisco Jabber hybrid cloud-based deployment with Cisco Webex Platform Service?

- A. Voice calls use Webex Calling platform for call control and use hybrid media nodes for local conferencing.
- B. Voice calls use local media nodes to keep traffic internal for internal traffic and use Webex Calling for external calls.
- C. Voice calls use Cisco Unified Communications Manager for local calls and Webex Calling for external calls.
- D. Voice calls use local Cisco Unified Communications Manager for all calls.

Correct Answer: D

QUESTION 12

A MRA deployment is being configured where one of the requirements is for registered Jabber users to pull directory photos from an internal server. What should be configured on the Expressway-C so that MRA registered clients reach this server?

- A. A search rule must be created to route the requests to Cisco UCM.
- B. The directory photo server must be added to the HTTP allow list.
- C. A neighbor zone must be created to the directory photo server.
- D. The directory photo server FQDN must be added to the Expressway-C certificate.

Correct Answer: B

Reference: <https://www.cisco.com/c/en/us/support/docs/unified-communications/expressway/118798-technote-cucm-00.html#anc29>