

300-820^{Q&As}

Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI)

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QUESTION 1

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

Correct Answer: A

<https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/wsma/configuration/15-mt/wsma-15-mt-book/wsma-tls.pdf> upvoted 3 times

QUESTION 2

Which 16-digit number is unique to a serial number and is used to enable the system?

- A. RMS license key
- B. option key
- C. release key
- D. Expressway series

Correct Answer: C

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/expressway/release_note/X14-0-3/exwy_b_cisco-expressway-release-note-x1403.html upvoted 1 times

QUESTION 3

What are the steps to access the Service Setup Wizard during the first setup of the Expressway server to license the server?

- A. Factory reset the Expressway server to pass from Smart Licensing to PAK-based licensing.
- B. From the GUI of the Expressway server, go to Status> Overview> Run service setup.
- C. Factory reset the Expressway server to pass from Expressway-C to Expressway-E.
- D. From the GUI of the Expressway server, go to Maintenance> Option keys> First Setup Wizard.

Correct Answer: B

QUESTION 4

An engineer reviews the configuration of a pair of Expressway servers for a company with the domain example.com. The company allows toll fraud calls to reach the Cisco UCM only when it expects externally registered devices to call internal 5-digit extensions. The search history shows that the fraudulent calls have a destination URI of 8 or more digits and several domains. What must the engineer configure to prevent all toll fraud calls from going past the Expressway-E to the internal network?

- A. search rules to only route calls with a destination URI of 5 to 8 digits long on the Expressway-E
- B. CPL that blocks calls with a destination domain other than example.com on the Expressway-C.
- C. search rules to only route calls with a destination domain of example.com on the Expressway-E
- D. CPL to block calls with a destination URI with 8 or more digits on the Expressway-E

Correct Answer: D

QUESTION 5

When external video endpoints are called via a DNS zone, which dialing method requires DNS to be configured in the Expressway server?

- A. IP dialing
- B. URI dialing
- C. DN dialing
- D. E.164

Correct Answer: B

QUESTION 6

An engineer is investigating failing incoming calls that are expected to connect. The engineer notices that the failed calls all have a port number of 5060 at the end of the URI. The search rules are configured in a way that they do not expect a port to be included. Which configuration allows the routing of this call?

- A. * transform with a pattern string of `*(.*)@example.com(:5060)?`
* replace a string of `\1@example.com`
- B. * search rule with a pattern string of `"(.*)@example.com(:5050)?"`
* replace a string of `\1\2@example.com`
- C. search rule with a pattern string of `"(.*)@example.com(:5060)?"`
* replace a string of `\1@example.com\2`
- D. * transform with a pattern string of `"(.*)@example.com(:5060)?"`

* replace a string of \1@example.com\2

Correct Answer: A

QUESTION 7

An engineer learns from an end user that calls from outside the company are not being received. Calls are being made to other businesses outside of the company on video using URL addresses. The change management log shows no changes in the configuration of the collaboration solutions. The engineer examines the endpoint, which seems to be registered to the Cisco UCM, and the SIP trunk between the Cisco UCM and sees that the Expressway is also up. In addition, the traversal link shows no errors between the Expressways. Which action must the engineer take to troubleshoot this issue?

- A. On the Cisco UCM, run the Real-Time Monitoring Tool to see if any incoming calls fail.
- B. On the Expressway-E, run diagnostic logging under maintenance to see if any requests reach the system.
- C. On the Expressway-E, check the NTP settings to ensure that TLS will be able to terminate. If the clock is out of sync, incoming calls from other working systems would work but not outgoing calls from the company.
- D. On the Expressway-C, run a network log under administrative tools to see if any requests reach the system.

Correct Answer: B

QUESTION 8

An administrator configures a secure SIP trunk in Cisco UCM to Expressway-C. The SIP trunk fails to become active, and an examination of a packet capture finds that the TLS handshake failed with a "certificate Unknown" error from Cisco UCM. To allow the Cisco UCM to trust the Expressway-C and establish a TLS connection, the administrator will upload the Expressway server certificate to the trust store. To which trust store must the certificate be uploaded?

- A. tomcat-trust
- B. CallManager-trust
- C. TVS-trust
- D. ipsec-trust

Correct Answer: B

https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/expressway/config_guide/X8-1/Cisco-Expressway-SIP-Trunk-to-Unified-CM-Deployment-Guide-CUCM-8-9-and-X8-1.pdf

QUESTION 9

Refer to the exhibit.

DNS

DNS settings

System host name ↑ VCS-E1 ⓘ

Domain name ↑ ccnp.local ⓘ

Search Domains ↑ ⓘ

DNS requests port range ↑ Use the ephemeral port range ⓘ

Default DNS servers

Address 1 ↑ 10.10.10.10 ⓘ

Address 2 ↑ 10.40.40.40 ⓘ

Per-domain DNS servers

Address 1 ↑ 10.20.20.20 ⓘ Domain names: uclab.local ⓘ

Address 2 ↑ 10.30.30.30 ⓘ Domain names: ccnplab.local ⓘ

When Expressway-E routes a call with URI 4040@uclab.local to a DNS zone, which DNS server does the Expressway query for the SIP SRV records?

- A. 10.20.20.20
- B. 10.10.10.10
- C. 10.40.40.40
- D. 10.30.30.30

Correct Answer: A

As well as the five default DNS servers, you can specify up to five additional explicit DNS servers for specified domains. This can be useful in deployments where specific domain hierarchies need to be routed to their explicit authorities.

QUESTION 10

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

Correct Answer: C

"Those addresses (A, B, and C) populate the SIP SDP offer and answer as ICE candidates, and after the signaling has gone through, both endpoints will have the remote party ICE candidate addresses. It is at that point that the endpoints do a connectivity check by sending STUN messages to one another in an attempt to punch transport holes in the firewalls in order to establish media connectivity between peers."

<https://www.cisco.com/c/en/us/td/docs/solutions/PA/ICE/icepa125.html>

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 call 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

Refer to the exhibit. The administrator attempted to log in, but Jabber clients cannot log in via mobile and remote access. How is this issue resolved?

The screenshot shows a Cisco Jabber login interface. On the left, there is a Cisco Jabber logo and a message: "Cannot find your services automatically. Click advanced settings to set up manually." Below this, the user has entered "jabberuser@pod1.local" and a "Continue" button is visible. On the right, a network log displays the following entries:

```
Standard query 0x2b84 SRV _cisco-uds._tcp.pod1.local
Standard query response 0x2b84 No such name SRV _cisco-uds._tcp.pod1.local SOA ad.skype.local
Standard query 0x71d9 SRV _cuplogin._tcp.pod1.local
Standard query response 0x71d9 No such name SRV _cuplogin._tcp.pod1.local SOA ad.skype.local
Standard query 0x27bb SRV _collab-edge._tls.pod1.local
Standard query response 0x27bb No such name SRV _collab-edge._tls.pod1.local SOA ad.skype.local
Standard query 0xb09e SRV _collab-edge._tls.pod1.local
Standard query response 0xb09e No such name SRV _collab-edge._tls.pod1.local SOA ad.skype.local
Standard query 0xe2b5 A pod1.local
Standard query response 0xe2b5 A pod1.local SOA ad.skype.local
Standard query 0x687e A pod1
Standard query 0x687e A pod1
Standard query 0xa661 A loginp.webexconnect.com
Standard query response 0xa661 A loginp.webexconnect.com CNAME global-cas-c63.webexconnect.com
Standard query 0xccba SRV _cisco-uds._tcp.pod1.local
Standard query response 0xccba No such name SRV _cisco-uds._tcp.pod1.local SOA ad.skype.local
Standard query 0x8530 SRV _cuplogin._tcp.pod1.local
Standard query response 0x8530 No such name SRV _cuplogin._tcp.pod1.local SOA ad.skype.local
Standard query 0xd02d SRV _collab-edge._tls.pod1.local
Standard query response 0xd02d No such name SRV _collab-edge._tls.pod1.local SOA ad.skype.local
Standard query 0x91d6 SRV _cisco-uds._tcp.pod1.local
Standard query response 0x91d6 No such name SRV _cisco-uds._tcp.pod1.local SOA ad.skype.local
Standard query 0x0648 SRV _cuplogin._tcp.pod1.local
Standard query response 0x0648 No such name SRV _cuplogin._tcp.pod1.local SOA ad.skype.local
Standard query 0xb4fa SRV _cisco-uds._tcp.pod1.local
Standard query response 0xb4fa No such name SRV _cisco-uds._tcp.pod1.local SOA ad.skype.local
Standard query 0x5299 SRV _cuplogin._tcp.pod1.local
Standard query response 0x5299 No such name SRV _cuplogin._tcp.pod1.local SOA ad.skype.local
```

- A. Skype for Business mode must be disabled on the DNS server because it conflicts with Jabber login requirements.
- B. The domain pod1.local must be deprovisioned from the Webex cloud for Jabber logins.

- C. A DNS SRV record must be created for `_collab-edge._tls.pod1.local` that points to the Expressway-E.
- D. The username `jabberuser@pod1.local` is invalid. The user should instead sign-in simply as `jabberuser`.

Correct Answer: C

QUESTION 13

A Webex engineer is configuring SSO in Control Hub with Active Directory Federation Services. The engineer wants to authenticate users for all the applications that they are given rights to. The engineer also wants to eliminate further prompts when users switch applications during a particular session. Which action tells ADFS the fields to map to Webex to identify a user?

- A. Send LDAP attributes as claims.
- B. Create claim rules for Webex authentication
- C. Add a relying party trust to the ADFS.
- D. Map the E-mail-addresses LDAP attribute to the uid outgoing claim type.

Correct Answer: D

QUESTION 14

Refer to the exhibit.

```
XmppSDK.dll #0, 201, Recv:<iq id='uid:527a7fe7:00000cfe:00000000' type='error'><bind
xmlns='urn:ietf:params:xml:ns:xmpp-stanzas' /></error></iq>

XmppSDK.dll #0, CXmppClient::onResourceBindError

XmppSDK.dll #0, 39, CTriClient::HandleDisconnect, reason:16
```

While troubleshooting Cisco Jabber login issues, there are some error messages. Why is the Jabber client unable to sign in?

- A. down Cisco Unified Communications Manager server
- B. XMPP bind failures
- C. incorrect login credentials
- D. service discovery issues

Correct Answer: B

QUESTION 15

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

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

Correct Answer: A

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