



Free Questions for 300-820 by certsinside

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Question 1

Question Type: MultipleChoice

What should an engineer use to create users for a Cisco Jabber Cloud Deployment?

Options:

- A- Cisco Webex Administration Tool
- B- Cisco UCM
- C- Cisco Webex Directory Connector
- D- Cisco Unified IM and Presence Server

Answer:

A

Explanation:

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/jabber/12_6/cjab_b_cloud-and-hybrid-deploymentscisco-jabber-12-6/cjab_b_cloud-and-hybrid-deployments-cisco-jabber-12-6_chapter_0101.html

Question 2

Question Type: MultipleChoice

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?

Options:

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

Answer:

D

Explanation:

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](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)

Question 3

Question Type: MultipleChoice

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?

Options:

- 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.

Answer:

C

Question 4

Question Type: MultipleChoice

Refer to the exhibit.

Alarms	
Alarm	Description
<input type="checkbox"/> Unified CM port conflict	There is a port conflict on Unified CM 10.0.101.111 between neighbor zone CUCM.pod1.local and Unified Communications (both are using port 5060)

Action

The same port on Unified CM cannot be used for line side (Unified Communications) and SIP trunk traffic. Review the port configuration on Unified CM and reconfigure the [Zone](#) if necessary

Mobile and remote access is being added to an existing B2B deployment and is failing.

When the administrator looks at the alarms on the Expressway-C, the snippets are shown. Which configuration action should the administrator take to fix this issue?

Options:

- A-** The listening port on the Expressway-C for SIP TCP must be changed to a value other than 5060
- B-** The listening port on the Expressway-C for SIP TLS must be changed to a value other than 5061
- C-** The listening port on the Cisco UCM for the Expressway-C SIP trunk must be changed to something other than 5060 or 5061
- D-** The listening port on the Cisco UCM for the Expressway-C SIP trunk is set to something other than 5060 or 5061. It must be set to 5060 for insecure and 5061 for secure SIP

Answer:

A

Question 5

Question Type: MultipleChoice

Refer to the exhibit. Logins and failing via mobile and remote access. How is this resolved?

Options:

A- Mobile and remote access login has not been enabled for the domain configured in the Expressway-C. The domain must be edited to allow Cisco UCM registrations.

- B-** SIP is disabled on the Expressway-E. The SIP protocol must be enabled on the server.
- C-** No Cisco UCM servers are configured in the Expressway-C. Servers must be added for CallManager and IM and Presence services.
- D-** Although a traversal client zone exists, there is no Unified Communications traversal client zone. One must be created.

Answer:

C

Question 6

Question Type: MultipleChoice

D18912E1457D5D1DDCBD40AB3BF70D5D

```
2021-02-02T12:18:27.359-08:00 expc tvcs: UTCTime="2021-02-02 20:18:27,359" Module="network.sip" Level="INFO": Action="Sent" Local-ip="1
2021-02-02T12:18:27.360-08:00 expc tvcs: UTCTime="2021-02-02 20:18:27,359" Module="network.sip" Level="DEBUG": Action="Sent" Local-ip='
SIPMSG:
|REGISTER sip:cucm.pod1.local SIP/2.0
Via: SIP/2.0/TCP 10.0.101.115:5060;egress-zone=CEtccpucmpod1local;branch=z9hG4bKaa525ee7842f3b408b2cbc882ff5866237642.8b46bf0f88eff29ef
Via: SIP/2.0/TLS 10.0.101.119:7002;egress-zone=UC;branch=z9hG4bK0822ed2041bc6f7a15d68e86ce58290b2465.967ceda2f6ae2c01deb5a118f58ab29e;;
Via: SIP/2.0/TLS 10.0.132.202:54651;branch=z9hG4bK000066696;received=10.0.132.202;ingress-zone=CollaborationEdgeZone
Call-ID: 005056ae-48d5084e-000041c1-00004e3b@10.0.132.202
CSeq: 4351 REGISTER
Contact: <sip:6649132f-la5c-a445-9400-869c6960b0d9@10.0.101.115:5060;transport=tcp;orig-hostport=10.0.132.202:54651>;+sip.instance="<ur
From: <sip:2000@cucm.pod1.local>;tag=005056ae48d5085000002633-0000339d
To: <sip:2000@cucm.pod1.local>
Max-Forwards: 14
Route: <sip:cucm.pod1.local;transport=tcp;lr>
User-Agent: Cisco-CSF
Expires: 3600
Date: Tue, 02 Feb 2021 20:18:26 GMT
Supported: replaces,join,sdp-anat,norefersub,resource-priority,extended-refer,X-cisco-callinfo,X-cisco-serviceuri,X-cisco-escapecodes,}
P-Asserted-Identity: <sip:2000@cucm.pod1.local>
Reason: SIP ;cause=200;text="cisco-alarm:24 Name=CSFjabberuse ActiveLoad=Jabber_for_Windows-11.8.2.50390 InactiveLoad=Jabber_for_Windo
Session-ID: c0d0278100255000a0000dcf900d0000;remote=00000000000000000000000000000000
Content-Type: multipart/mixed;boundary=uniqueBoundary
Content-Length: 1271
2021-02-02T12:18:27.363-08:00 expc tvcs: UTCTime="2021-02-02 20:18:27,362" Module="network.sip" Level="INFO": Action="Received" Local-i
2021-02-02T12:18:27.363-08:00 expc tvcs: UTCTime="2021-02-02 20:18:27,363" Module="network.sip" Level="DEBUG": Action="Received" Local-
SIPMSG:
|SIP/2.0 405 Method Not Allowed
Via: SIP/2.0/TCP 10.0.101.115:5060;egress-zone=CEtccpucmpod1localrt=7002;ingress-zone=UCZone,SIP/2.0/TLS 10.0.132.202:54651;branch=z9hG
Call-ID: 005056ae-48d5084e-000041c1-00004e3b@10.0.132.202
CSeq: 4351 REGISTER
From: <sip:2000@cucm.pod1.local>;tag=005056ae48d5085000002633-0000339d
To: <sip:2000@cucm.pod1.local>;tag=220085250
Allow: INVITE,OPTIONS,INFO,BYE,CANCEL,ACK,PRACK,UPDATE,REFER,SUBSCRIBE,NOTIFY
Server: Cisco-CUCM12.5
Date: Tue, 02 Feb 2021 20:18:27 GMT
Warning: 399 cucm "SIP trunk disallows REGISTER"
Content-Length: 0
```


Refer to the exhibit. An engineer is deploying mobile and remote access in an environment that already had functioning Business to Business calling. Mobile and remote access SIP registrations are failing. To troubleshoot, SIP logs were collected. How is this issue resolved?

Options:

- A- Change the SIP profile on the SIP trunk for the Expressway-E to Standard SIP Profile for TelePresence Endpoint
- B- Change the "Incoming Port" in the SIP Trunk Security Profile for the Expressway-C to not match SIP line registrations
- C- Enable autoregistration for the appropriate DN range on the Cisco UCM servers running the CallManager service
- D- Write a custom normalization script since the "vcs-interop" normalization script does not allow registrations

Answer:

B

Question 7

Question Type: MultipleChoice

Refer to the exhibit.

Transforms												
Priority	State	Description	Pattern	Type	Behavior	Replace						
<input type="checkbox"/>	1	✓ Enabled	Strip Domain from all calls	(.*)@(.*)	Regex	Replace	\1					
<input type="checkbox"/>	2	✓ Enabled	add pod1 local domain to all requests	(.*)	Regex	Replace	\1@pod1.local					

Search rules											
Priority	Rule name	Protocol	Source	Mode	Pattern type	Pattern string	Pattern behavior	On match	Target	SIP variant	Enabled
1	Route all Calls to Local Zone	Any	Any	Any alias				Continue	LocalZone	Any	✓

Search history				
Search type	Source	Destination	SIP variant	Status
SIP (INVITE)	jabberuser@pod1.local	sip:endpointc@pod1.local	Standards-based	Not found
SIP (INVITE)	jabberuser@pod1.local	sip:endpointb@pod1.local	Standards-based	Not found
SIP (INVITE)	jabberuser@pod1.local	sip:endpointa@pod1.local	Standards-based	Not found

Calls to locally registered endpoints are failing. At present, there are two endpoints

registered locally to this Expressway. An H.323 endpoint with an alias of "EndpointA" is registered, and a SIP endpoint with an alias of "EndpointB@pod1.local" is also registered. How is this issue resolved?

Options:

- A-** The dialplan must be redesigned to use the transforms to convert the alias into SIP URI format and then use separate search rules for each format that needs to be dialed within the local zone.
- B-** The calls are failing because there are insufficient licenses. Additional licenses must be installed for the Expressway to route these calls.
- C-** The current search rule does not match the call, so the search rule must be modified to include a SIP Variant of "Standards-Based".
- D-** Calling parties are placing calls with the wrong domain. End-users must be instructed not to use the pod1.local domain as that is owned by the local system. Calls to any other domain would work.

Answer:

A

Question 8

Question Type: MultipleChoice

A call is sent by Cisco UCM to Expressway with a URI of 75080001@expc1a.pod8.test.lab. If (7508...)

@expc1a.pod8.test.lab.* is the pattern string, what would be the replacement string of the transform in Expressway to re-write the call so that it becomes 75080001@conf.pod8.test.lab?

Options:

A- \1@conf.pod8.test.lab.@

B- \1@conf.pod8.test\lab.*

C- \1@conf.pod8.test\lab

D- \1@conf.pod8.test.lab.!

Answer:

C

Question 9

Question Type: MultipleChoice

An engineer is deploying an Expressway solution for the SIP domain Cisco.com. Which SRV record should be configured in the public DNS to support inbound B2B calls?

Options:

A- _collab-edge._tls.cisco.com

B- _cisco-uds._tcp.cisco.com

C- _sip._tcp.cisco.com

D- _cuplogin._tcp.cisco.com

Answer:

C

Explanation:

<https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2018/pdf/BRKCOL-2018.pdf>

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