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## 400-051 Exam

Cisco CCIE Collaboration (v2.0) Exam

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DEMO  
VERSION

(LIMITED CONTENT)

Questions  
& Answers

# Version: 26.0

## Question: 1

Refer to the exhibit.

Input Message	Output Message
<pre> INVITE sip:2222@10.106.106.131:5060 SIP/2.0 Via: SIP/2.0/TCP 10.106.106.171:5060;branch=z9hG4bK8b337b7046 From: &lt;sip:5000@10.106.106.171&gt;;tag=67890~08d2afcc-154f-465b- 0999-1889b75f43d8-17576409 To: &lt;sip:2222@10.106.106.131&gt; Date: Wed, 04 Nov 2015 10:21:52 GMT Call-ID: dc44e580-6391dc40-4f-ab6a6a0a@10.106.106.171 Supported: timer,resource-priority,replaces Min-SE: 1800 User-Agent: Cisco-CUCM10.5 Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFY CSeq: 101 INVITE Expires: 180 Allow-Events: presence, kpml Supported: X-cisco-srtp-fallback Supported: Geolocation Call-Info: &lt;sip:10.106.106.171:5060&gt;;method="NOTIFY;Event=telephone- event;Duration=500" Call-Info: &lt;urn:x-cisco-remotetec:callinfo&gt;;x-cisco-video-traffic- class=VIDEO_UNSPECIFIED Cisco-Guid: 3695502720-0000065536-0000000018-2875877898 Session-Expires: 1800 Diversion: &lt;sip:5002@10.106.106.171&gt;;reason=unconditional;privacy=off;screen=yes P-Asserted-Identity: &lt;sip:5000@10.106.106.171&gt; Remote-Party-ID: &lt;sip:5000@10.106.106.171&gt;;party=calling;screen=yes;privacy=off Contact: &lt;sip:5000@10.106.106.171:5060;transport=tcp&gt; Max-Forwards: 70 Content-Length: 0 </pre>	<pre> INVITE sip:2222@10.106.106.131:5060 SIP/2.0 Via: SIP/2.0/TCP 10.106.106.171:5060;branch=z9hG4bK8b337b7046 From: &lt;sip:5002@10.106.106.171&gt;;tag=67890~08d2afcc-154f-465b- 0999-1889b75f43d8-17576409 To: &lt;sip:2222@10.106.106.131&gt; Date: Wed, 04 Nov 2015 10:21:52 GMT Call-ID: dc44e580-6391dc40-4f-ab6a6a0a@10.106.106.171 Supported: timer,resource-priority,replaces Min-SE: 1800 User-Agent: Cisco-CUCM10.5 Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFY CSeq: 101 INVITE Expires: 180 Allow-Events: presence, kpml Supported: X-cisco-srtp-fallback Supported: Geolocation Call-Info: &lt;sip:10.106.106.171:5060&gt;;method="NOTIFY;Event=telephone- event;Duration=500" Call-Info: &lt;urn:x-cisco-remotetec:callinfo&gt;;x-cisco-video-traffic- class=VIDEO_UNSPECIFIED Cisco-Guid: 3695502720-0000065536-0000000018-2875877898 Session-Expires: 1800 Diversion: &lt;sip:5002@10.106.106.171&gt;;reason=unconditional;privacy=off;screen=yes P-Asserted-Identity: &lt;sip:5000@10.106.106.171&gt; Remote-Party-ID: &lt;sip:5000@10.106.106.171&gt;;party=calling;screen=yes;privacy=off Contact: &lt;sip:5000@10.106.106.171:5060;transport=tcp&gt; Max-Forwards: 70 Content-Length: 0 </pre>

Refer to the exhibit. Which Cisco IOS SIP profile is valid for copying value from the "Diversion" header to the "From" header in a SIP INVITE message?

A. Option

```

voice class sip-profiles 1
request INVITE sip-header Diversion copy "<sip:(.*)@.*" u01
request INVITE sip-header From copy "<sip:(.*)@.*" u02
request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\2<sip:\u01@v1"

```

B. Option

```

voice class sip-profiles 1
request INVITE sip-header Diversion copy "<sip:(.*)@.*" u01
request INVITE sip-header From copy "<sip:(.*)@.*" u02
request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\1<sip:\u01@v1"

```

C. Option

```

voice class sip-profiles 1
request INVITE sip-header Diversion copy "<sip:(.*)@.*" u01
request INVITE sip-header From copy ".*<sip:(.*)@.*" u02
request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\1<sip:\u01@v2"

```

D. Option

```

voice class sip-profiles 1
request INVITE sip-header Diversion copy "<sip:(.*)@.*" u01
request INVITE sip-header From copy "<sip:(.*)@.*" u02
request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\1<sip:\u02@v2"

```

E. Option

```

voice class sip-profiles 1
request INVITE sip-header Diversion copy "<sip:(.*)@.*" u02
request INVITE sip-header From copy "<sip:(.*)@.*" u01
request INVITE sip-header From modify "(.*)<sip:.*@(.*)" "\1<sip:\u01@v2"

```

---

**Answer: C**

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**Question: 2**

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Company ABC is deploying Mobile and Remote Access (MRA) to allow employees to login Jabber clients from anywhere on the Internet. Which two configuration records does a Jabber client in the HTTPS "get\_edge\_config" message after it successfully establishes a secured connection with a Cisco Expressway-E? (Choose two.)

- A. DNS SRV record for \_cisco-uds
- B. FQDN for CUCM Home UDS server
- C. DNS SRV record for \_collab-edge
- D. FQDN for IM&P server
- E. FQDN for expressway-C
- F. SIPEdgeServer

---

**Answer: A, D**

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**Question: 3**

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Which statement about what happens to a Cisco IOS SIP VoIP dial-peer that never received any responses to its out-of-dialog OPTIONS ping is true?

- A. Its admin state will be up but operational state will be down.
- B. Its admin and operational state will remain up
- C. Its admin state will be up but operational state will be "busy-out"
- D. Its admin and operational state will be down
- E. Its admin and operational state will be "busy-out"

---

**Answer: A**

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**Question: 4**

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A service provider wants to use a controller to automate the provisioning of service function chaining. Which overlay technology can be used with EVPN MP-BGP to create the service chains in the data center?

- A. 802.1Q
- B. VXLAN
- C. MPLS L2VPN
- D. Provider Backbone bridging EVPN

---

**Answer: B**

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**Question: 5**

---

Refer to the exhibit.

```
INFO [8b51000] - [csf.httpclient] [execute] About to enforce Edge policy
with URL:
https://expe.abc.com:8443/aW5mcmFuZXRncm91cC5jb/get edge config?
service name= cisco-uds&service name= cuplogin
INFO [8b51000] - [csf.httpclient] [execute] Edge policy enforced
successfully with transformed Url:
https://expe.abc.com:8443/aW5mcmFuZXRncm91cC5jb/get edge config?
service name= cisco-uds&service name= cuplogin
INFO [8b51000] - [csf.httpclient] [configureEasyRequest] Configuring a CURL
Easy request for:
https://expe.abc.com:8443/aW5mcmFuZXRncm91cC5jb/get edge config?
service name= cisco-uds&service name= cuplogin

INFO [8b51000] - [csf.httpclient] [configureEasyRequest] *-----* Making
HTTP request to:
https://expe.abc.com:8443/aW5mcmFuZXRncm91cC5jb/get edge config?
service name= cisco-uds&service name= cuplogin
INFO [8b51000] - [csf.httpclient] [CurlHeaders] Number of Request Headers :
1
INFO [85d4000] - [csf.edge] [runEventLoop] Reactor event loop entering wait
()
INFO [8b51000] - [csf.httpclient] [curlCodeToResult] curlCode=[28] error
message=[Connection timed out after 10004 milliseconds]
result=[CONNECTION_TIMEOUT_ERROR]
INFO [8b51000] - [csf.httpclient] [executeImpl] *-----* HTTP response
from:
https://expe.abc.com:8443/aW5mcmFuZXRncm91cC5jb/get edge config?
service name= cisco-uds&service name= cuplogin[2] -> 0.
ERROR [8b51000] - [csf.httpclient] [executeImpl] There was an issue
performing the call to curl_easy_perform: CONNECTION_TIMEOUT_ERROR
```

Refer to the exhibit. The snippet is part of a PRT log from a Jabber for Windows user who is unable to login via Mobile and Remote Access (MRA). Which is the root cause of this issue?

- A. The Expressway-E is not reachable on port 8443 due to firewall or network connectivity issue
- B. The Expressway-E is reachable on port 8443 but it rejects the connection due to client-side certificate issue
- C. The Expressway-E certificate is self-signed
- D. \_collab-edge.\_tls.abc.com DNS SRV record is not created in the external DNS server
- E. The user is trying to login from internal company network

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**Answer: A**

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**Question: 6**

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Which Cisco IOS-XE dial-peer command has the highest preference for inbound H.323 dial-peer matching?

- A. Incoming URI to<Uri-tag>
- B. Answer-address <number-string>
- C. Incoming called-number <number-string>
- D. Incoming calling-number e164-pattern-map <pattern-map-no>
- E. Destination-pattern <number-string>

---

**Answer: C**

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**Question: 7**

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Which two software components in Cisco Meeting Server deployment supports clustering for resilience only? (Choose two)

- A. Call Bridge
- B. XMPP Server
- C. Database
- D. Web Bridge
- E. TURN Server
- F. Recorder
- G. Streamer

---

**Answer: B, C**

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**Question: 8**

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Company ABC is deploying Mobile and Remote Access (MRA) to allow employees to login Jabber clients from anywhere on the internet. Which two DNS queries must a Jabber client resolve from outside of a corporate network? (Choose two.)

- A. DNS SRV record for \_cuplogin.\_tls.abc.com
- B. DNS SRV record for \_collab-edge.\_tls.abc.com
- C. DNS A record for the Expressway-E FQDN
- D. DNS A record for \_collab-edge.\_tls.abc.com
- E. DNS SRV record for \_cuplogin.\_tcp.abc.com
- F. DNS SRV record for \_cisco-uds.\_tcp.abc.com
- G. DNS A record for \_cisco-uds.\_tls.abc.com

---

**Answer: B, C**

---

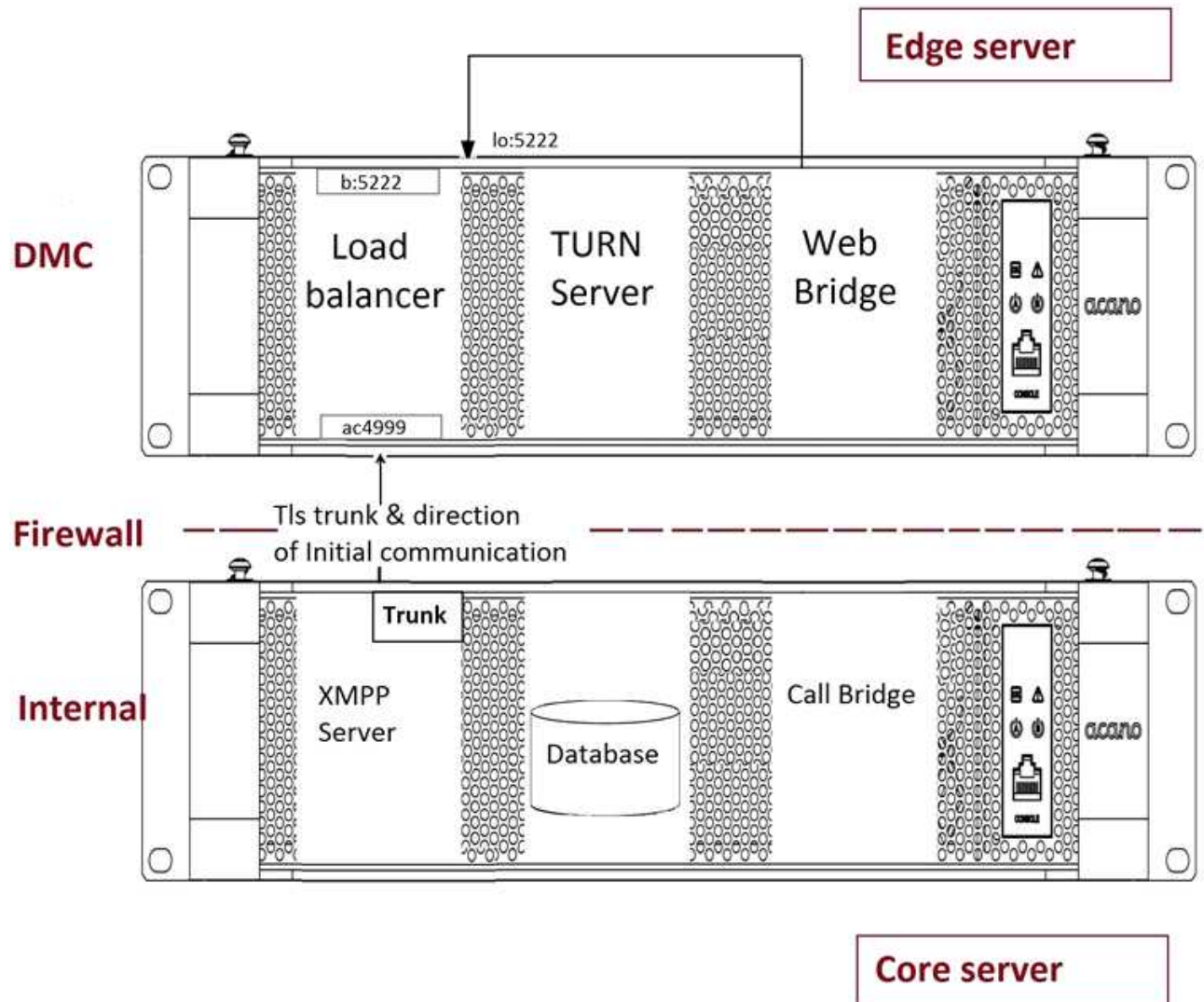
---

**Question: 9**

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Refer to the exhibit.



**Firewall**

Refer to the exhibit. In a single Split CMS deployment, which CMS server components do WebRTC clients and external CMA clients attempt to contact for initial CMS connections?

- A. WebRTC clients first try to connect to the load balancer while external CMA clients try to reach the TURN Server
- B. Both WebRTC clients and external CMA clients try to connect to the Webbridge first
- C. WebRTC clients first try to connect to the Webbridge while external CMA clients attempt to connect to the Load Balancer
- D. WebRTC clients first try to connect to the Load Balancer while external CMA clients try to reach the Webbridge

E. Both WebRTC clients and external CMA clients try to connect to the Load balancer first

---

**Answer: C**

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**Question: 10**

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Which four protocols does the Cisco Jabber client use to Interact with Cisco Unity Connection?  
(Choose four)

- A. SOAP
- B. REST
- C. HTTP
- D. RTP
- E. IMAP
- F. XMPP
- G. XML
- H. JSON

---

**Answer: B, C, D, E**

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