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Implementing and Operating Cisco Collaboration Core Technologies

Cisco 350-801

Version Demo

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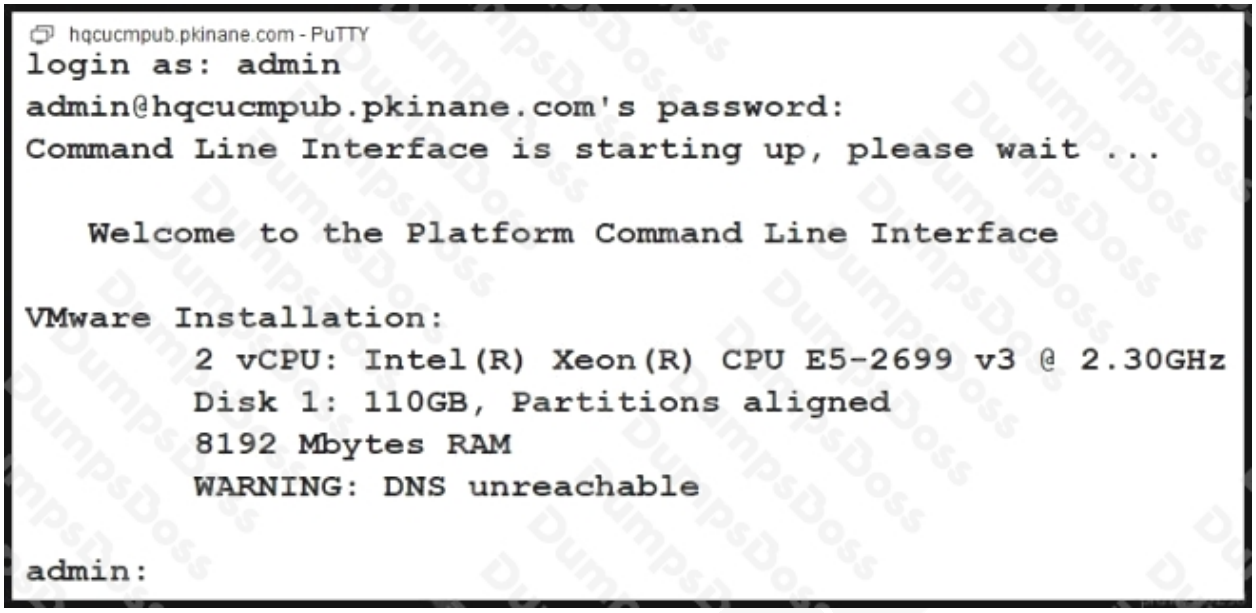
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Topic Break Down

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QUESTION NO: 1



Refer to the exhibit. An administrator accesses the terminal of a Cisco UCM and starts a packet capture. Which two commands must the administrator use on Cisco UCM to generate DNS traffic? (Choose two.)

A. show version active

B. utils diagnose module validate_network

C. utils diagnose test

D. utils ntp status

E. show cdp neighbor

ANSWER: B C

Explanation:

Reference: https://ccxguru.wordpress.com/2018/02/03/behind-the-utils-diagnose-test/

QUESTION NO: 2

Which two functions are provided by Cisco Expressway Series? (Choose two.)

A. interworking of SIP and H.323

B. endpoint registration

C. intercluster extension mobility

D. voice and video transcoding

E. voice and video conferencing

ANSWER: A D

Explanation:

Reference: https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/expressway/config_guide/X8-11/Cisco-Meeting-Server-2-4-with-Cisco-Expressway-Deployment-Guide_X8-11-4.pdf

QUESTION NO: 3

What are two common attributes of XMPP XML stanzas? (Choase two.)

A. from

B. to

C. destination

D. version

E. Source

ANSWER: A B

QUESTION NO: 4

Which call routing pattern is used for phone numbers that are in the E.164 format?

A. \+.! Route Pattern

B. \+.! Translation Pattern

C. /+.! Route Pattern

D. \+1.[2-9]XX[2-9]XXXXXX Called Party Transformation Pattern

ANSWER: D

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/collab12/collab12/dialplan.html#pgfId-1591747

QUESTION NO: 5

An administrator has been asked to implement toll fraud prevention in Cisco UCM Which tool is used to begin this process?

A. Cisco UCM class of service

B. Cisco Unified Mobility

C. Cisco UCM Access Control Group restrictions

D. Cisco Unified Real-Time Monitoring Tool

ANSWER: A

QUESTION NO: 6

```
INVITE sip:1@10.10.10.219;user=phone SIP/2.0
Via: SIP/2.0/TCP 10.10.10.84:50083;branch=z9hG4bK471df613
From: "1234 - My Phone" <sip:1234@10.10.10.219>;tag=381c1aba7a78002c558eda31-12b8af63
To: <sip:1@10.10.10.219>
Call-ID: 381c1aba-7a78000d-4ca6894a-41dd3e0f@10.10.10.84
Max-Forwards: 70
CSeq: 101 INVITE
Contact: <sip:1234@10.10.10.84:50083;transport=tcp>
Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFO
Allow-Events: kpml,dialog
Content-Type: application/sdp
Content-Length: 658

v=0
o=Cisco-SIPUA 26529 0 IN IP4 10.10.10.84
s=SIP Call
b=AS:4064
t=0 0
m=audio 32136 RTP/AVP 114 9 124 113 115 0 8 116 18
c=IN IP4 10.10.10.84
b=TIAS:64000
a=rtpmap:114 opus/48000/2
a=fmtp:114
maxplaybackrate=16000;sprop-maxcapturerate=16000;maxaveragebitrate=64000;stereo=0;sprop-
stereo=0;usedtx=0
a=rtpmap:9 G722/8000
a=rtpmap:124 ISAC/16000
a=rtpmap:113 AMR-WB/16000
a=fmtp:113 octet-align=0,mode-change-capability=2
a=rtpmap:115 AMR-WB/16000
a=fmtp:115 octet-align=1,mode-change-capability=2
a=rtpmap:0 PCMU/8000
a=rtpmap:8 PCMA/8000
a=rtpmap:116 iLBC/8000
a=fmtp:116 mode=20
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=yes
a=sendrecv
```

Refer to the exhibit. When a UC Administrator is troubleshooting DTMF negotiated by this SIP INVITE, which two messages should be examined next to further troubleshoot the issue? (Choose two.)

A. REGISTER

B. UPDATE

C. PRACK

D. NOTIFY

E. SUBSCRIBE

ANSWER: D E

QUESTION NO: 7

Which IP precedence value maps to DSCP EF?

A. 0

B. 1

C. 3

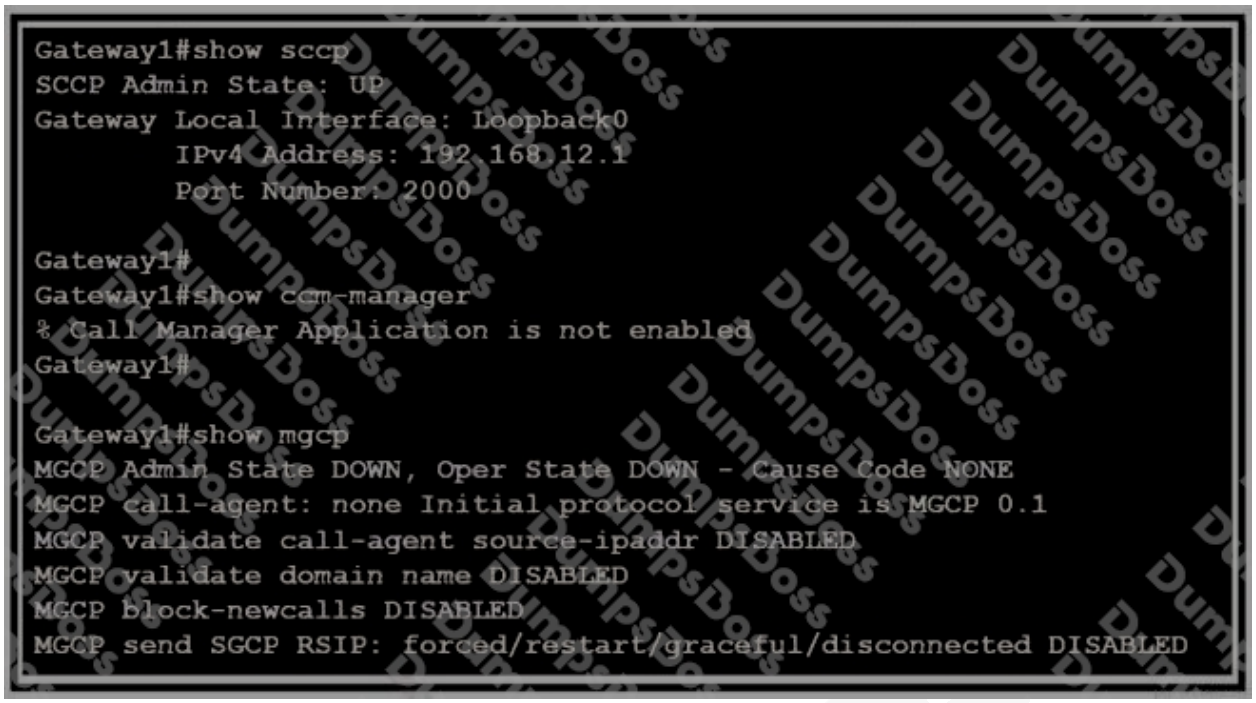
D. 5

ANSWER: D

Explanation:

Reference: https://www.ccexpert.us/root-bridge/layer-3-qos-classification-with-dscp.html#:~:text=*IP%20precedence%20value%205%20(DSCP,is%20given%20the%20EF%20designation.

QUESTION NO: 8



Refer to the exhibit. A collaboration engineer adds an analog gateway to a Cisco UCM cluster. The engineer chooses MGCP over SCCP as the gateway protocol. Which two actions ensure that the gateway registers? (Choose two.)

A. Delete and re-add the gateway configuration in Cisco UCM.

B. Enter "mgcp" on the gateway in configuration mode.

C. Enter "no sccp" on the gateway in configuration mode.

D. Enter "ccm-manager config" on the gateway in configuration mode.

E. Enter "ccm-manager mgcp" on the gateway in configuration mode.

ANSWER: B E

Explanation:

Reference: https://community.cisco.com/t5/unified-communications/cisco-router-2901-mgcp-x-callmanager-9-1-1/td-p/2419551

QUESTION NO: 9

Refer to the exhibit.

```
dspfarm profile 1 transcode universal
  codec g729r8
   codec g729qr8
   codec g711ulaw
  codec g711alaw
  maximum sessions 8
  associate application SCCP
```

Which two codec permutations should be transcoded by this dspfarm? (Choose two.)

A. G.722 to G.729r8

B. G.729r8 to G.711ulaw

C. G.729br8 to G.711alaw

D. iLBC to G.711ulaw

E. G729ar8 to G.711alaw

ANSWER: C D

QUESTION NO: 10

```
000193: Dec 5 14:35:31.054: ISDN Se0/1/0:15 Q921: User TX -> SABMEp sapi=0 tei=0
000193: Dec 5 14:35:32.054: ISDN Se0/1/0:15 Q921: User TX -> SABMEp sapi=0 tei=0
000193: Dec 5 14:35:33.054: ISDN Se0/1/0:15 Q921: User TX -> SABMEp sapi=0 tei=0
000193: Dec 5 14:35:34.054: ISDN Se0/1/0:15 Q921: User TX -> SABMEp sapi=0 tei=0
```

Refer to the exhibit. Given this "debug isdn q921" output, what is the problem with the PRI?

A. Layer 1 is down on the controller.

B. PRI does not have an IP address configured on the interface.

C. Nothing, the PRI is sending keepalives.

D. Layer 2 is down on the controller.

ANSWER: D

QUESTION NO: 11

An administrator needs to help a remote employee make a free call to an international destination. The administrator calls the employee, then conferences in the international party. The administrator drops the call, and the employee and the international party continue their conversation. Which action prevents this type of toll fraud in the Cisco UCM?

A. Set service parameter 'Advanced Ad Hoc Conference" to FALSE.

B. Set service parameter "Drop Ad Hoc Conference" to "When Conference Controller leaves."

C. Set service parameter "Advanced Ad Hoc Conference" to 2.

D. Set service parameter "Drop Ad Hoc Conference" to "Do not allow outside parties."

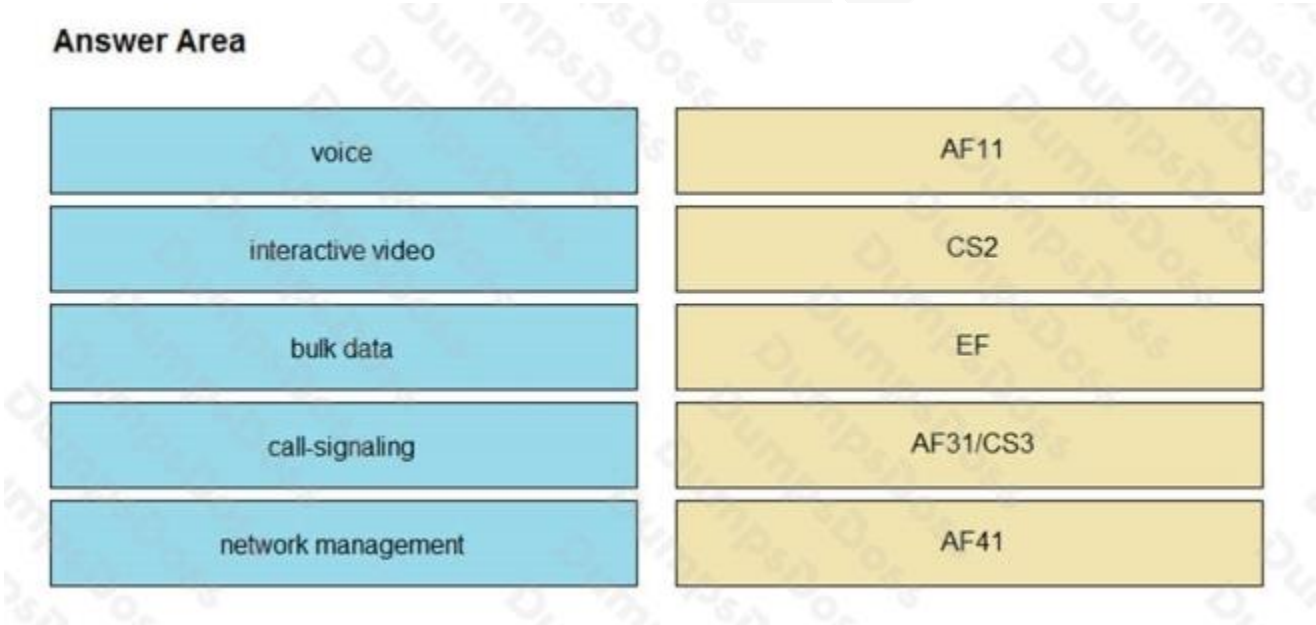
ANSWER: B

QUESTION NO: 12 - (DRAG DROP)

DRAG DROP

According to the QoS Baseline Model, drag and drop the applications from the left onto the correct Per-Hop Behavior values on the right.

Select and Place:



ANSWER:

Answer Area

voice	bulk data
interactive video	network management
bulk data	voice
call-signaling	call-signaling
network management	interactive video

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/WAN_and_MAN/QoS_SRND/QoS-SRND-Book/QoSIntro.html

QUESTION NO: 13



Refer to the exhibit. How must the +E.164 translation pattern be configured to reach international number 496929810?

Pattern= \+.496929810, CSS=Unrestricted-CSS, PreDot, Prefix=777011

Pattern= \+.777011496929810, CSS=Intl_CSS

Pattern= \+.011496929810, CSS=Global-CSS, PreDot, Prefix=777

Pattern= \+.496929810, CSS=Intl_CSS, PreDot, Prefix=777011

A. Option A

B. Option B

C. Option C

D. Option D

ANSWER: C

QUESTION NO: 14

An administrator is troubleshooting an issue where an 8845 is not joining the correct voice VLAN configuration from a switch and they believe that LLDP is the issue. Which command allows the administrator to see the packets sent from the phone to the switch?

A. show lldp status

B. show lldp traffic

C. show lldp

D. show lldp run

ANSWER: B

QUESTION NO: 15

If a phone needs to register with cucm1.cisco.com, which network service assists with the phone registration process?

A. SMTP

B. ICMP

C. DNS

D. SNMP

ANSWER: C

QUESTION NO: 16

Which two DNS records must be created to configure Service Discovery for on-premises Jabber? (Choose two.)

A. _cisco-uds._tls.cisco.com pointing to the IP address of Cisco UCM

B. _cuplogin_tcp.cisco.com pointing to a record of IM and Presence

C. _cuplogin._tls.cisco.com pointing to the IP address of IM and Presence

D. _cisco-uds.tcp.cisco.com pointing to a record of Cisco UCM

E. _xmpp.tls.cisco.com pointing to a record of IM and Presence

ANSWER: B D

QUESTION NO: 17

Which two features of Cisco Prime Collaboration Assurance require advanced licensing? (Choose two.)

A. customizable events

B. email notifications

C. multicluster support

D. real time alarm browser

E. call quality monitoring

ANSWER: C E

Explanation:

Reference: https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/prime-collaboration/white-paper-c11-731624.html

QUESTION NO: 18

Which attribute contains an XMPP stanza?

A. iq

B. message

C. type

D. presence

ANSWER: A

QUESTION NO: 19

An employee of company ABC just quit. The IT administrator deleted the employee's user id from the active directory at 10 a m. on March 4th The nightly sync occurs at 10 p.m. daily. The IT administrator wants to troubleshoot and find a way to delete the user id as soon as possible How is this issue resolved?

A. Wart until 10 pm on March 4th when the user is automatically removed from Cisco UCM.

B. Wait until 10 pm on March 5th when the user is automatically removed from Cisco UCM.

C. Wait until 3 15 a.m. on March 6th for garbage collection to remove the user from Cisco UCM.

D. Wait until 315am on March 5th for garbage collection to remove the user from Cisco UCM.

ANSWER: C

QUESTION NO: 20

Which two technical reasons make QoS a necessity in a video deployment? (Choose Two)

A. Low response time between endpoints

B. Provisioned bandwidth of the link

C. Variable bit rate of the video stream

D. Bursly behavior of video traffic

ANSWER: C D