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Implementing Cisco IP Telephony & Video, Part 1 v1.0

Cisco 300-070

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QUESTION NO: 1

Which purpose of the Dialed Number Analyzer within Cisco Unified Communications Manager is true?

- A. It provides a way to retrieve only the called number when examining CDR logs.
- B. It is used as a troubleshooting tool as it provides an efficient way to analyze the dial plan.
- C. It allows the administrator to see the dialed number (DNIS) of a call in real time as the call is being placed.
- D. It helps sort and analyze CDR logs.

ANSWER: B

QUESTION NO: 2

Which two configuration items are necessary to configure Cisco Unified Border Element for video? (Choose two.)

- A. voice class codec
- B. voice translation-rule
- C. voice service voip
- D. dial-peer

ANSWER: C D

QUESTION NO: 3

Which two options can belong to specific partitions? (Choose two.)

- A. voice-mail servers
- B. directory numbers
- C. gateways
- D. IP phones
- E. route patterns

ANSWER: B E

QUESTION NO: 4

Which two call coverage features are used by voice gateways? (Choose two.)

- A. call Pickup
- B. call hunt
- C. overlaid phone-dn
- D. call redirecting

E. call Park

ANSWER: A B

QUESTION NO: 5

Hackers are sending calls through a gateway router that is running SIP. The engineer blocks all SIP messages to the router except from their SIP server, which has an IP address of 208.177.10.1. The customer also must connect via SIP to their Cisco Expressway server with an IP address of 10.1.10.110. Which series of commands secures the router from the hackers?

- A. voice service voip voip security allow
ipv4 208.177.10.1 255.255.255.255 ipv4 10.1.10.110 255.255.255.255
- B. voice service voip ip address trusted list
ipv4 208.177.10.1 255.255.255.255 ipv4 10.1.10.110 255.255.255.255
- C. voice service voip allow-connections sip to sip ipv4 208.177.10.1 255.255.255.255 ipv4 10.1.10.110 255.255.255.255
- D. voice service voip address-hiding
ipv4 208.177.10.1 255.255.255.255 ipv4 10.1.10.110 255.255.255.255

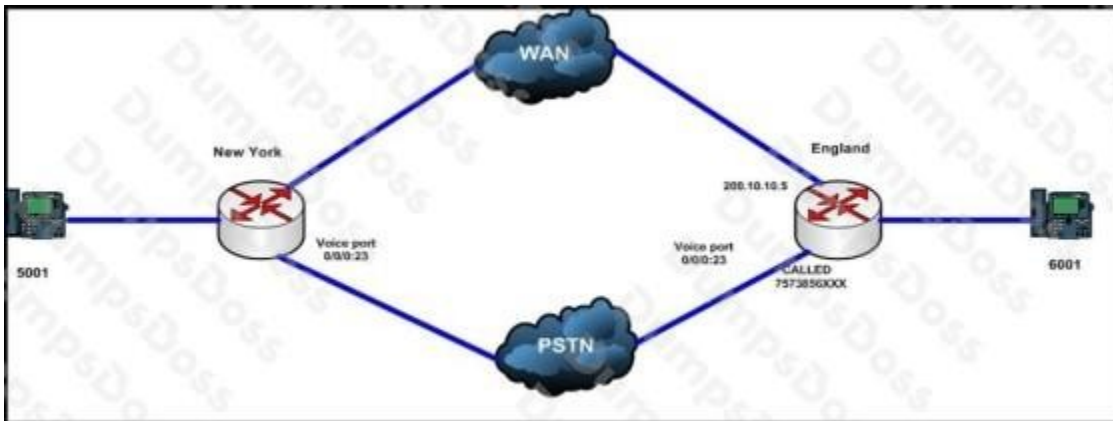
ANSWER: B

Explanation:

Reference: <http://www.cisco.com/c/en/us/support/docs/voice/call-routing-dial-plans/112083-tollfraud-ios.html>

QUESTION NO: 6

Refer to the exhibit and configuration output.



What are the two main ways from New York to call Extension 6001 in England? (Choose two.)

```
sh run | s Dial-peer dial-peer voice 2 voip destination-pattern 6... preference 0 session-target ipv4: 200.10.10.5 dtmf-relay sip-notify dial-peer voice 3 pots destination-pattern 6... preference 1 port 0/0/0:23 prefix 757385 dtmf-relay sip-notify
```

- A. The first way is WAN.
- B. The first way is PSTN.
- C. The second way is WAN.

D. The second way is PSTN.

ANSWER: A D

QUESTION NO: 7

What are two characteristics that are associated with the End User and User account types? (Choose two.)

- A. They cannot use LDAP.
- B. They are used to authorize applications.
- C. They can utilize LDAP.
- D. The Application is associated with the End User and User account types.
- E. They can be listed in a directory.

ANSWER: C D

QUESTION NO: 8

Refer to the Exhibit. Which phones can Phone 1 reach?



- A. Phone 2
- B. Phone 3
- C. Phone 4
- D. Phone 5
- E. Phone 2 and Phone 3
- F. Phone 4 and Phone 5
- G. Phone 2, Phone 3 and Phone 4
- H. Phone 2, Phone 3, Phone 4 and Phone 5

ANSWER: H

QUESTION NO: 9

Which discard digits instruction removes the access code from a number before passing the number onto an adjacent system?

- A. PreDot
- B. PreAt
- C. NoDigits
- D. Trailing-#

ANSWER: A

QUESTION NO: 10

Which statement is true about digit analysis within Cisco Unified Communications Manager when all patterns are in the same partition?

- A. Translation patterns are always matched before route patterns.
- B. Transformation patterns are always matched first before any other patterns.
- C. SIP route patterns are always matched before any other patterns.
- D. Route patterns are always matched before translation patterns.

ANSWER: A

QUESTION NO: 11

Managers have asked to be able to have an extension call them back if it is busy when they try to call it. In what two places can this feature be assigned to the Managers phone? (Choose two.)

- A. Device Settings > Softkey Template
- B. Device Settings > Default Device Profile Configuration
- C. Device Settings > Phone Button Template
- D. Device Settings > Device Profile
- E. Device Settings > Device Defaults
- F. Device Settings > Firmware Load Information

ANSWER: A C

Explanation:

Call Back Configuration Checklist

In Cisco Unified Communications Manager Administration, create a copy of the Standard User softkey template and add the CallBack softkey to the following states:

- On Hook call state

- Ring Out call state
- Connected Transfer call state

If the phone supports Call Back as a feature button, create a copy of the applicable phone button template and add the CallBack feature button.

Reference:

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/10_0_1/ccmfeat/CUCM_BK_F3AC1C0F_00_cucm-features-services-guide-100/CUCM_BK_F3AC1C0F_00_cucm-features-services-guide-100_chapter_011.html

QUESTION NO: 12

Which four call coverage features are used by voice gateways? (Choose four.)

- A. call hunt
- B. Call Park
- C. Call Pickup
- D. call redirecting
- E. overlaid phone-dn
- F. basic automatic call distribution
- G. overlaid ephone-dn
- H. basic manual call distribution

ANSWER: A C F G

QUESTION NO: 13

If an IP phone loses connectivity with its primary server and registers with its backup server, what happens when connectivity to the primary server is restored?

- A. The IP phone will try to re-establish a connection to the primary server every 90 seconds.
- B. The IP phone will continuously try to re-establish a connection with the primary server; if successful, the IP phone will re-register with the primary.
- C. Once the IP phone registers with the backup server, the administrator will need to reset the IP phone for it to re-register with the primary server.
- D. Once connectivity is re-established with the primary server, the IP phone will wait until there have been three successful TCP keepalive exchanges before it will reregister with the primary server.

ANSWER: B

QUESTION NO: 14

How are Cisco Unified CallManager location parameters used?

- A. Assign directory numbers to devices as they connect to the IP telephony network.

- B. Specify the bandwidth used for audio and video calls.
- C. Implement call admission control in a centralized call processing deployment.
- D. Provide alternate call routing when the primary call path is unavailable.

ANSWER: C

QUESTION NO: 15

The Cisco IP Phone of your company operator is on extension 7000. However, users normally dial 0 to get the operator. Which action sends calls that were made to 0 to the operator?

- A. Create a route pattern of 0 and use a called party transform mask of 7XXX.
- B. Create a translation pattern for 7000 and a called party transform mask of 0.
- C. Create a translation pattern for 0 and a called party transform mask of 7000.
- D. Create the IP phone overlay feature so the operator's line has 0 and 7000 assigned to it.
- E. Create a translation pattern for 0 and a calling party transform mask of 7000.

ANSWER: C