Cisco

Exam 300-070

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

Version: 10.0

[Total Questions: 189]

Question No : 1

Which two codecs are the best codecs to use in WAN and LAN? (Choose two.)

A. WAN codec G.711
B. LAN codec G.729
C. WAN codec G.729
D. LAN codec G.711

Answer: C,D

Question No : 2

Which two options are IOS conference bridge types in CUCM? (Choose two)

A. CiscoIOS Enhanced Conference Bridge
B. CiscoIOS Standard Conference Bridge
C. CiscoIOS Software Conference Bridge
D. CiscoIOS Hardware Conference Bridge
E. Cisco IOS Conference Bridge

Answer: A,E

Question No : 3

Which route pattern wildcard character is used to terminate the interdigit timeout?

A. $
B. !
C. #
D. .

Answer: C

Question No : 4

Which three options are components of Media Resources Architecture? (Choose three)

A. Music on hold.
B. Media Resource Manager.
C. Media Resource Group.
D. Route list.
E. Route group
F. Media Resource Group List.

Answer: B,C,F

Question No : 5

What is the correct configuration order of call routing to support off-net call routing?

A. device, route group, route list, route pattern
B. route list, route group, route pattern, device
C. route pattern, route list, route group, device
D. device, route list, route group, route pattern

Answer: C

Question No : 6

Which two of these are required in order for Cisco Unified Communications Manager to support software conferencing? (Choose two.)

A. The Cisco IP Voice Media Streaming Application needs to be activated on the server running the conferencing service in the cluster.
B. The service parameter for the Cisco IP Voice Media Streaming Application needs to have Run Flag set to True.
C. The software conference bridge resource needs to be configured in Cisco Unified Communications Manager.
D. The Cisco IP Voice Media Streaming Application needs to be activated for all servers in the cluster.
E. Under the Cisco IP Voice Media Streaming Application parameters, the conference bridge needs to have Run Flag set to True.
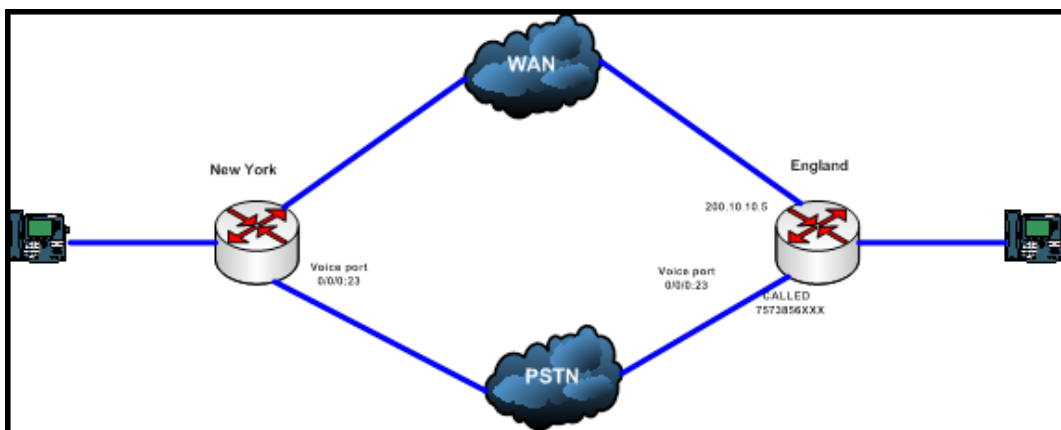
Answer: A,E

Question No : 7

Which discard digits instruction removes all digits prior to the North American Numbering Plan portion of the route pattern?

A. PreDot
B. PreAt
C. Pre
D. PreNANP

Answer: B

Question No : 8

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

_____

4

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 : 9

Which tool can you use to verify and troubleshoot a dial plan?

A.
Audit Log Configuration
B.
Dialed Number Analyzer
C.
CDR Analysis and Reporting
D.
Troubleshooting Trace Settings

Answer: B

Question No : 10

Which four software based media resources require that the Cisco IP voice media stream Application be activated?

A. MOH.
B. SIP.

C. H.323 Gateways.
D. Annunciator.
E. Gatekeeper.
F. MTP.
G. Audio conferencing.

Answer: A,D,F,G

Question No : 11

Which DSCP classification is defined in RFC 2474?

A. DSCP CS3.
B. DSCP 0.
C. DSCP AF11.
D. DSCP CS6.
E. DSCP EF.
F. DSCP CS2.
G. DSCP CS1.
H. DSCP AF21.

Answer: A

Question No : 12

Which three steps must you take on Cisco Unified Communications Manager to configure Cisco TelePresence Conductor for ad hoc and rendezvous conferences? (Choose three.)

A. Verify the location configuration.
B. Verify the certificate trusts.
C. Configure one ICT trunk to TelePresence Conductor.
D. Configure one SIP trunk to TelePresence Conductor.
E. Configure two ICT trunks to TelePresence Conductor.
F. Configure two SIP trunks to TelePresence Conductor.

Answer: A,B,F

Question No : 13

In a multisite deployment, which two voice codecs are recommended to use between intrasite endpoints? (Choose two)

A. G.711
B. G.728
C. H.264
D. G.722
E. G.729

Answer: A,D

Question No : 14

How do you configure calling privileges on Cisco Unified Communications Manager Express?

A. corlist
B. translation profile
C. zones
D. access list
E. search rules

Answer: A

Question No : 15

What are two characteristics of a Cisco Unified Communications Manager Express dial plan? (Choose two.)

A. partitions and calling search spaces
B. COR
C. dial peers
D. voice translation rules
E. route patterns

Answer: B,C

Question No : 16

Where do you configure the region for a group of devices?

A. Common device profile.
B. Device defaults.
C. Common device configuration.
D. Common phone profile.
E. Device pool.

Answer: E

Question No : 17

Refer to the exhibit.

```
Voice-HUB#show isdn status
Global ISDN Switchtype - primary-dms100
ISDN Serial2/0/0:23 interface
dsl 0, interface ISDN Switchtype - primary-dms100
Layer 1 Status:
ACTIVE
Layer 2 Status:
TEI - 0, Ces - 1, SAPI - 0, State - MULTIPLE_FRAME_ESTABLISHED
Layer 3 Status:
0 Active Layer 3 Call(s)
Active dsl 0 CCBs - 0
The Free Channel Mask:0x807FFFFF
Number of L2 Discards - 0, L2 Session ID - 4
Total Allocated ISDN CCBs - 0
```

An engineer is trying to determine the status of the ISDN D Channel on a new PRI circuit, types in the show isdn status command, and sees this output. Which two pieces of information can be determined from this output? (Choose two.)

A.
The provider is using the 5ESS protocol.
B.
There are four channels.
C.
The connection to the Cisco Unified Communications Manager has been established.
D.
The D channel is working correctly.
E.

No active calls are established.

Answer: D,E

Question No : 18

What is the maximum number of I080p30 HD Conference Participants if an MSE 8000 has four MSE8710 blades clustered?

A. 48
B. 180
C. 720
D. 800

Answer: A

Question No : 19

After you configure a dial plan to call a particular prefix in the PSTN, you notice that some outbound calls are taking longer than usual (15 seconds) before you hear a connecting tone. What is the likely cause of this issue?

A. The outbound gateway must be configured with the new prefix.
B. The endpoint is choosing the best codec to use.
C. The new prefix is overlapping other route patterns.
D. With some prefixes, this is normal behavior of the PSTN.

Answer: C

Question No : 20

Which three types of devices can you test with the Cisco Unified Communications Manager Dialed Number Analyzer tool? (Choose three)

A. Fax/Modem.
B. Trunks.
C. Gateways.

D. Cisco ASA Adaptive Security Appliances.

E. Cisco Catalyst Switches.

F. Phones.

Answer: A,C,F

Question No : 21

Which two options are resources in a route list that route calls that match a defined route pattern? (Choose two.)

A. gateways

B. route groups

C. virtual machine servers

D. IP phones

Answer: A,B

Question No : 22

If the route patterns 5XXX, 51XX, 513X and 5134 exist within a call route database, which pattern would be matched if the dialed number was 5324?

A. 5XXX

B. 51XX

C. 513X

D. 5134

Answer: A

Question No : 23

You have two groups of managers that need to hold Meet-Me conferences. You want each group to have access to a range of 10 Meet-Me numbers. What are the two best ways to accomplish this? (Choose two.)