

# 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**

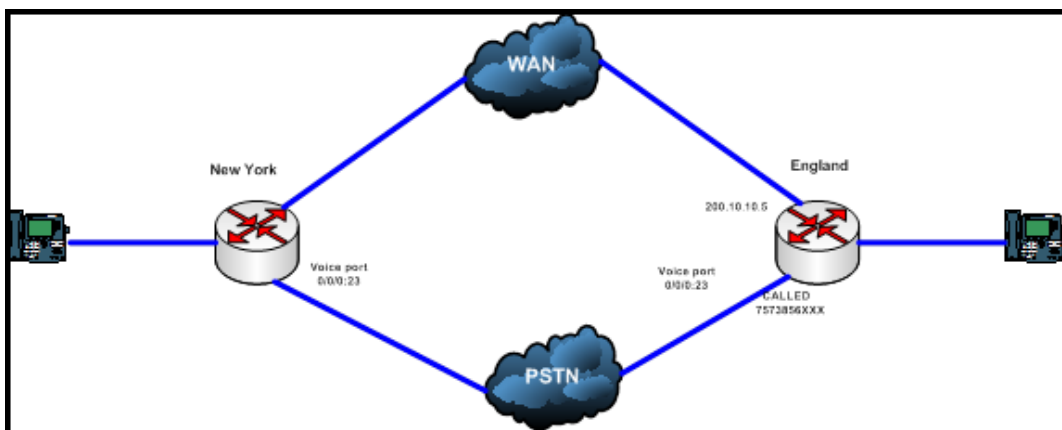
Which discard digits instruction removes all digits prior to the North American Numbering Plan portion of the route pattern?

- 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
```

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 1080p30 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.)