



300-070^{Q&As}

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

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QUESTION 1

Which of these media resources can be configured in Cisco Unified Communication manager? (Choose Three)

- A. MOH Server
- B. Voice Termination Point DSP
- C. Transcoder
- D. Auto Attendant
- E. Conference Bridge

Correct Answer: ACE

QUESTION 2

Which two types of encoding are available to configure a T1 controller for CAS?

- A. AME.
- B. ESF.
- C. SF.
- D. B8SF.
- E. B8ZS.
- F. AMI.

Correct Answer: EF

QUESTION 3

What is the correct order for configuring call routing in Cisco Unified Communications Manager?

- A. gateway and SIP trunk, route group, route pattern, route list
- B. gateway and SIP trunk, route list, route group, route pattern
- C. gateway and SIP trunk, route group, route list, route pattern
- D. route list, gateway and SIP trunk, route group, route pattern

Correct Answer: C

QUESTION 4



What is a VoIP dial peer?

- A. A nonaddressable call endpoint.
- B. A call routing mechanism to send and receive calls based on called or calling digits.
- C. A physical connection for call legs.
- D. A logical connection for call legs.

Correct Answer: B

QUESTION 5

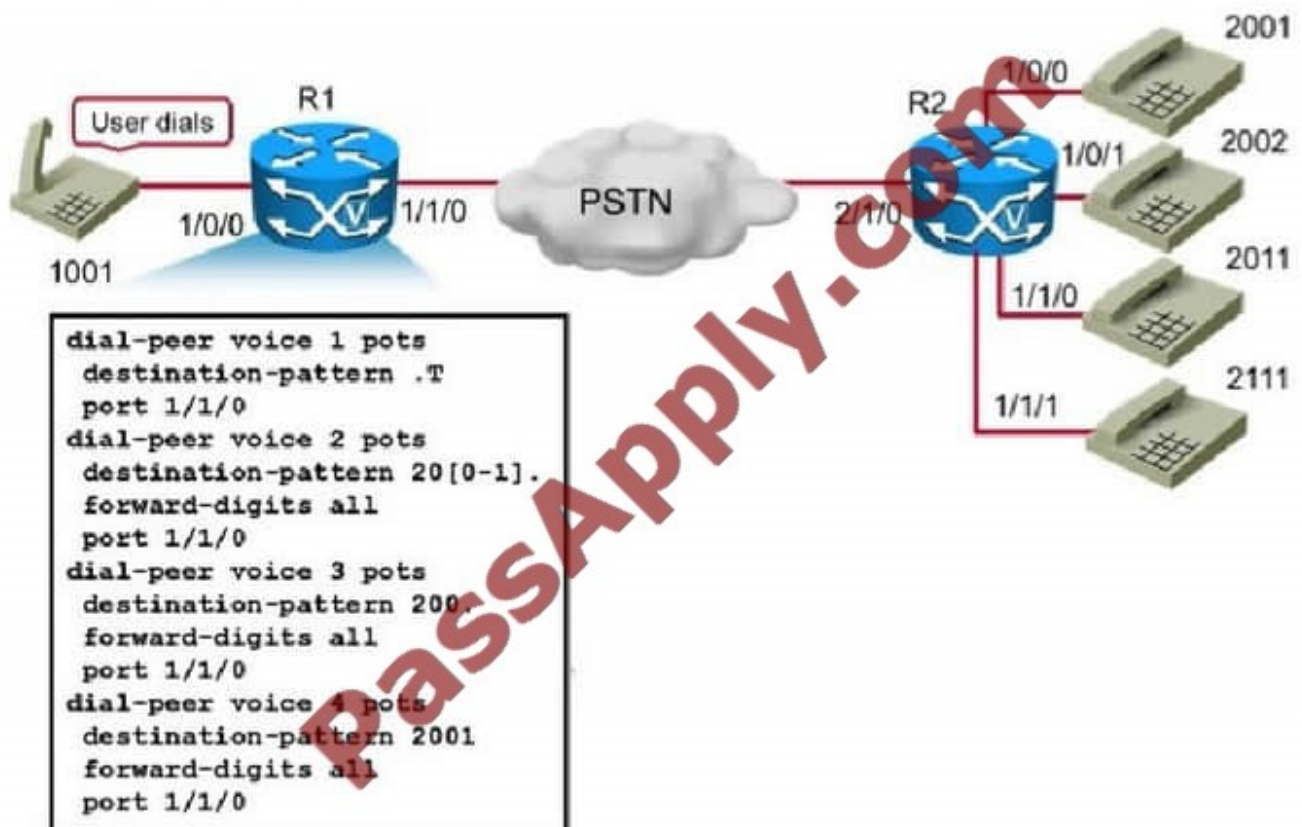
Which two can be targets of a route pattern? (Choose two.)

- A. gateway
- B. gatekeeper
- C. route group
- D. route list
- E. translation pattern
- F. CTI Port

Correct Answer: AD

QUESTION 6

Refer to Exhibit:



If the user at extension 1001 dials the user at extension 2002, which dial peer is used to route the call?

- A. 3
- B. 2
- C. 4
- D. 1

Correct Answer: A

QUESTION 7

Refer to the exhibit.

When users call number 00044156789453, they have to wait for several seconds before the call is sent. Which action sends the call immediately?

- A. In the translation pattern, change the CSS.
- B. In the route pattern, check the Allow Device Override check box.
- C. In the route pattern, check the Urgent Priority check box.
- D. In the translation pattern, check the Route Next Hop By Calling Party Number check box.



Correct Answer: C

QUESTION 8

On what equipment do you configure Layer 2 to Layer 3 QoS mapping?

- A. switch
- B. router
- C. firewall
- D. Cisco Unified Communications Manager
- E. bridge

Correct Answer: A

Explanation/Reference:

Explanation: <http://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/12-2/31sg/configuration/guide/conf/qos.html>

QUESTION 9

What is the difference between policing and shaping?

- A. Policing: Transmit and mark, then transmit the packets. Shaping: Buffer the exceeding packets.
- B. Policing: Transmit the packets. Shaping: Buffer the exceeding packets.
- C. Policing: Transmit, drop or mark, then transmit the packets. Shaping: Buffer the exceeding packets.
- D. Policing: Buffer the exceeding packets. Shaping: Transmit and mark, then transmit the packets.

Correct Answer: C

QUESTION 10

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

Correct Answer: AB



QUESTION 11

Which QoS model is bandwidth-dedicated to provide sufficient quality for applications that need high resolution, such as video terminals?

- A. DiffServ
- B. Best-Effort
- C. DiffServf
- D. IntServ

Correct Answer: A

QUESTION 12

What is the default option for framing when you configure T1 controller?

- A. Super Frame
- B. alternate mark inversion
- C. C.Extended Super Frame
- D. D.cyclic redundancy check 4
- E. E.high-density bipolar 3
- F. F.No-CRC4
- G. G.binary 8-zero substitution
- H. Australia

Correct Answer: CD

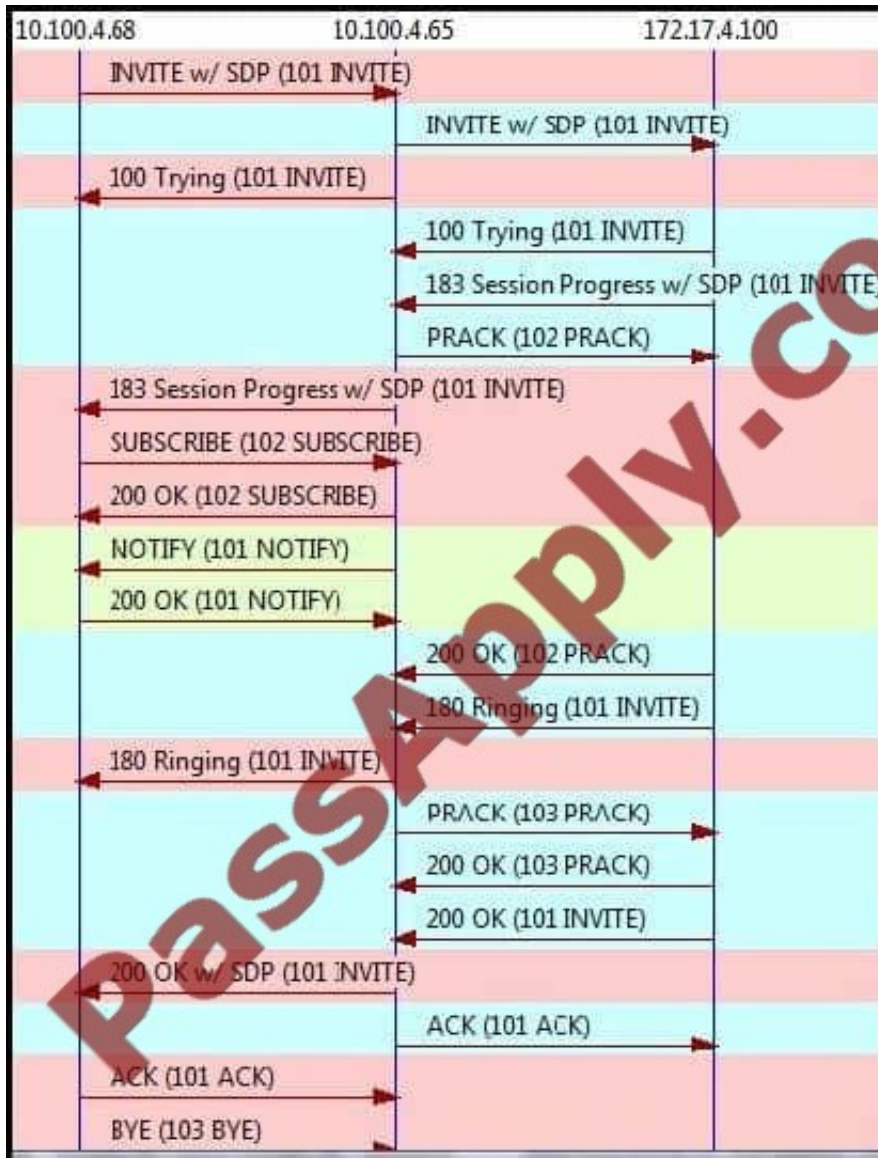
Explanation/Reference:

Reference:

http://www.cisco.com/c/en/us/td/docs/wireless/asr_900/software/guide/chassis/ASR903- Chassis SW/T1-E1_lfc_Module.pdf

QUESTION 13

Refer to the exhibit.



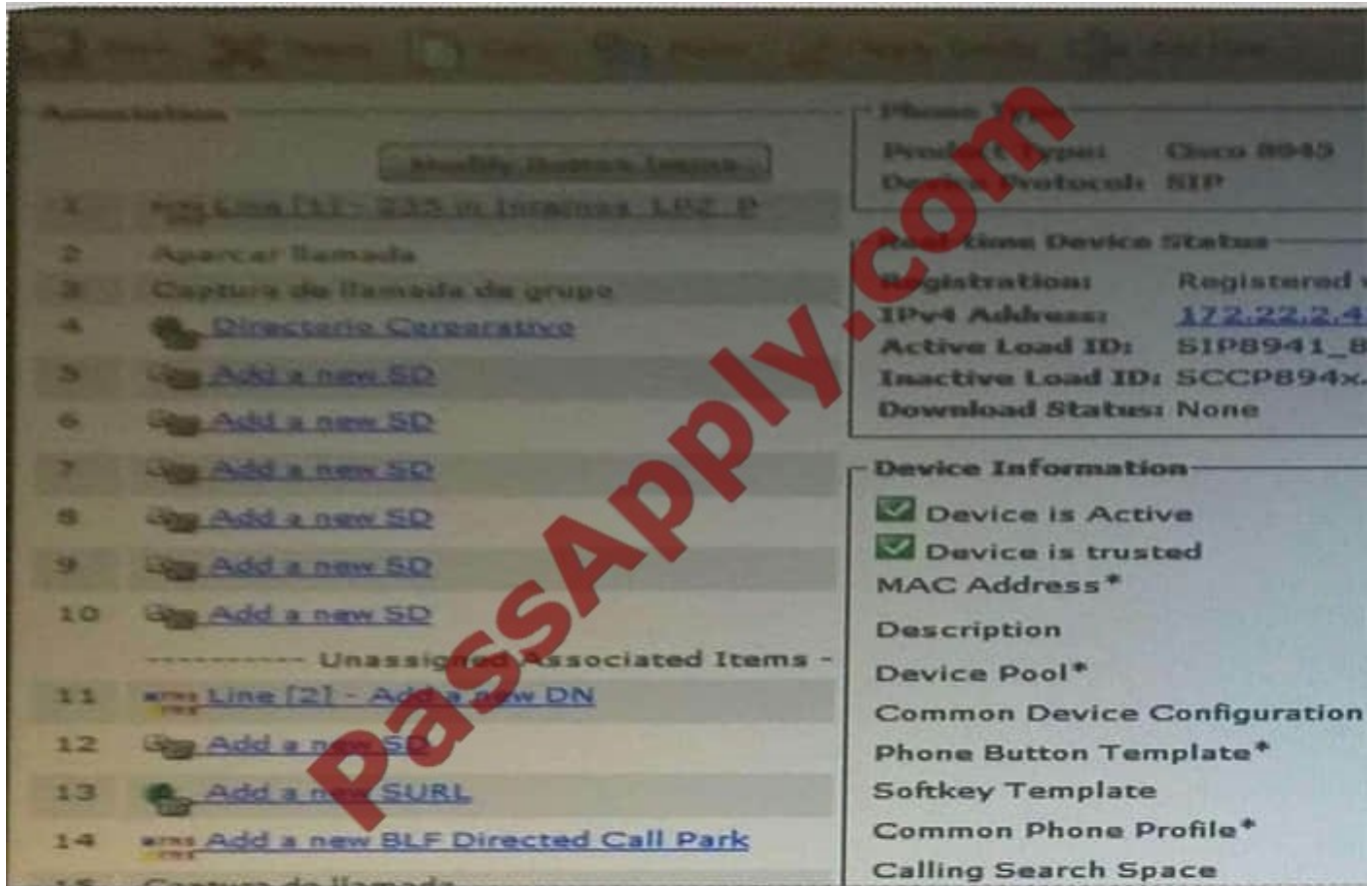
Which party has a SIP B2BUA role in the call?

- A. 172.17.4.100
- B. 10.100.4.65 and 172.17.4.100
- C. 10.100.4.65
- D. None of the parties has a B2BUA role in the call.
- E. 10.100.4.68 and 10.100.4.65

Correct Answer: C

QUESTION 14

Refer to the exhibit.



Which calling search space has the highest priority?

- A. Phone Configuration > Calling Search Space: CSS_Internos.
- B. Phone Configuration > Calling Search Space: CSS_Locales.
- C. Directory Number Configuration > Calling Search Space: CSS_Locales.
- D. Directory Number Configuration > Calling Search Space: CSS_Internos.

Correct Answer: C

QUESTION 15

If you have configured translation rules, what command do you use to verify digit manipulation?

- A. execute translation-rule
- B. show translation-rule
- C. test translation-rule
- D. debug translation-rule
- E. set translation-rule



Correct Answer: C

Explanation/Reference:

If you have configured translation rules, use the test translation-rule command to verify digitmanipulation. Page 136.

QUESTION 16

Which command is used to enter the DSP farm profile configuration mode?

- A. dspfarm-profile 100 transcode
- B. dspfarmprofile 100 transcode
- C. dspfarm profile 100 transcode
- D. dspfarm 100 profile transcode

Correct Answer: C

QUESTION 17

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.

Correct Answer: ABF

QUESTION 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



Correct Answer: A

QUESTION 19

Which three options are valid SIP URI formats? (Choose three.)

- A. jsmith@cisco.com
- B. tel:98765@cisco.com
- C. phone:98765@cisco.com
- D. sip:12345@10.10.10.10:5060;user=phone
- E. sip:bob.cisco.com

Correct Answer: ABD

QUESTION 20

The abc.com Lumber Company would like to use AAR to reroute calls made from HQ to remote locations when those calls are rejected by the IP WAN because of insufficient bandwidth. The abc.com Lumber Company uses 5-digit dialing to all locations.

abc.com Headquarters has a DID range from 770-555-0001 to 770-557-0500 and the Macon facility has a DID range from 912-556-0500 to 912-556-0550.

How should the external phone masks be configured?

- A. 770557XXXX
- B. 9125560XXX
- C. 770555XXXX
- D. 77055XXXXX

Correct Answer: D

QUESTION 21

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 5124?

- A. 5XXX
- B. 51XX
- C. 513X
- D. 5134



Correct Answer: B

QUESTION 22

Which two statements about Cisco VCS Addressing Zones are true? (Choose two.)

- A. They can be local to the Cisco VCS or can be remote.
- B. A zone is a collection of endpoints that share the same dialing behavior and bandwidth settings.
- C. They consist of traversal and nontraversal zones.
- D. They can only be local.
- E. They consist of subzones such as DNS zones.

Correct Answer: AB

QUESTION 23

You need to delete an auto-registration Cisco Unified Communications Manager group for a cluster. What should you do?

- A. Remove the Cisco Unified CallManager group devices.
- B. Disable auto-registration settings in the Cisco Unified CallManager group.
- C. Assign a different call group as the auto-registration Cisco Unified CallManager group.
- D. Delete the auto-registration Cisco Unified CallManager group without performing any action.

Correct Answer: C

QUESTION 24

If no SIP dial rules are configured on an IP phone, at which three points in the collection of digits does a Type A SIP phone send digits to the Cisco Unified Communications Manager? (Choose three.)

- A. when the interdigit timer expires
- B. when the collected digits match a SIP dial rule
- C. when the user presses the Dial softkey
- D. as each digit is collected (it is sent for analysis)
- E. when the user presses the # key

Correct Answer: ACE



QUESTION 25

An organization has built their video infrastructure to perform ad hoc video calls, but they also need to conduct managed video conference calls. Which hardware component is needed to conduct these calls?

- A. VCS-E
- B. IOS gateway
- C. MCU
- D. TelePresence server

Correct Answer: D

QUESTION 26

When implementing a global dial plan, which digit manipulation feature in CUCM does Cisco recommend for adding +1 to all outbound calls?

- A. Called party transformation.
- B. Calling party transformation.
- C. Translation pattern.
- D. External phone mask.

Correct Answer: A

QUESTION 27

Which of these methods can be used to implement toll-fraud prevention?

- A. drop conferences when only two attendees remain
- B. block on-net to on-net calls
- C. deploy conferencing resources to only those employees that require the service
- D. drop conferences when no on-net party remains

Correct Answer: D

QUESTION 28

Which three options can be used to configure digit manipulation for dial peers? (Choose three.)

- A. digit translation rules
- B. called party transformations



- C. route partitions
- D. forward digits
- E. route patterns
- F. digit stripping and prefixes
- G. calling party transformations

Correct Answer: ADF

Explanation/Reference:

Reference: http://www.cisco.com/c/en/us/td/docs/ios/12_2/voice/configuration/guide/fvfax_c/vvfpeers.html#wp1244453

QUESTION 29

When local route groups are used and a user dials 918005551212 what component is ultimately used to route the digits to the local gateway?

- A. The route list applied to the route pattern
- B. The device pool of the calling device
- C. The translation pattern
- D. The gateway or route list associated with the route pattern

Correct Answer: B

Explanation/Reference:

The device pool is used to route the digits to the local gateway.

QUESTION 30

A Cisco Unified Communications Manager group specifies a prioritized list of how many Cisco Unified Communications Managers?

- A. 0
- B. 1
- C. 2
- D. 3
- E. 4
- F. 5



G. 6

H. 7

Correct Answer: D

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