

Cisco

CIPT1

642-446 642-446 642-446 642-446 642-441 642-441 642-441

PRINTABLES

PRINTABLE PRACTICE QUESTIONS

QUESTIONS, ANSWERS, AND
DETAILED EXPLANATIONS IN AN
EASY-TO-USE PRINTABLE FORMAT


 **LearnSmart™**

Table of Contents

Chapter 1

Perform an installation and initial set up of a Cisco Unified Communications Manager cluster..... 2

Answer Key 52
Explanations 61

Chapter 2

Describe & configure Cisco Unified Communications Manager to support on-cluster calling..... 12

Answer Key 54
Explanations 72

Chapter 3

Configure a route plan for Cisco Unified Communications Manager to support off-net calling..... 26

Answer Key 56
Explanations 86

Chapter 4

Describe & configure Cisco Unified Communications Manager media resources..... 40

Answer Key 58
Explanations 100

Chapter 5

Configure the Cisco Unified Communications Manager to support features and applications..... 46



Answer Key 59
Explanations 107



CIPT1 (642-446) Printables

Copyright © 2011 by LearnSmart, LLC.

Product ID: 12023

Production Date: November 15, 2011

Total Questions: 137

All rights reserved. No part of this document shall be stored in a retrieval system or transmitted by any means, electronic, mechanical, photocopying, recording, or otherwise, without written permission from the publisher. No patent liability is assumed with respect to the use of the information contained herein.

Warning and Disclaimer

Every effort has been made to make this document as complete and as accurate as possible, but no warranty or fitness is implied. The publisher and authors assume no responsibility for errors or omissions. The information provided is on an "as is" basis. The authors and the publisher shall have neither liability nor responsibility to any person or entity with respect to any loss or damages arising from the information contained in this document.

Volume, Corporate, and Educational Sales

LearnSmart offers favorable discounts on all products when ordered in quantity. For more information, please contact LearnSmart directly:

1-800-418-6789

solutions@learnsmartsystems.com



Chapter 1

Perform an installation and initial set up of a Cisco Unified Communications Manager cluster

1. What are the four standard IP Communications layers? Choose four.

- A. Core layer
- B. Call-processing layer
- C. Applications layer
- D. IPT layer
- E. Infrastructure layer
- F. Client layer

[Find the Answer](#) p. 52

2. The Cisco Unified Communications solution provides support for all of the following protocols EXCEPT. Select the best answer.

- A. SCCP
- B. MPLS
- C. MGCP
- D. H.323

[Find the Answer](#) p. 52

3. What option must be enabled on the DHCP server to enable the IP phones to access the CUCM configuration files? Select the best answer.

- A. Option 150
- B. Option 43
- C. Option 153
- D. Option 53

[Find the Answer](#) p. 52



4. What CUCM feature is a set of configurable lists that the Communications Manager uses to determine call routing? Select the best answer.
- A. Call processing
 - B. Directory services
 - C. Signaling and device control
 - D. Dial plan administration

[Find the Answer](#) p. 52

5. When a voice call is setup, what protocol is used directly between the two end devices? Select the best answer.
- A. SIP
 - B. RTP
 - C. SCCP
 - D. G.711

[Find the Answer](#) p. 52

6. What is one of the benefits to using Cisco Communications Manager v.6 that uses a "closed" operating system? Select the best answer.
- A. Because it is open-source, you can add additional open-source functionality if desired.
 - B. You can upgrade the Communications Manager while they continue to process calls.
 - C. Administration using a GUI.
 - D. Clustering of multiple Communications Managers.

[Find the Answer](#) p. 52



7. What benefits does clustering of the Unified Communications Manager provide? Choose two.
- A. Provides a central point of administration.
 - B. Provides improved E911 services.
 - C. Provides redundancy.
 - D. Provides additional security.

[Find the Answer](#) p. 52

8. What is the main difference between the primary Communications Manager node and subsequent clustered nodes interact with the database? Select the best answer.
- A. All of the nodes interact with the database the same. That way, if the primary node fails, any of the secondary nodes can take over.
 - B. The primary node has the database located on the same server.
 - C. The primary node has read-write capabilities while subsequent nodes only have read access.
 - D. The primary node has read only access to the database while subsequent nodes have read-write access.

[Find the Answer](#) p. 52

9. How many publisher and subscriber servers are allowed on a single cluster? Select the best answer.
- A. 1 publisher and up to 8 subscriber servers. Only four of the subscriber servers can actively process calls at one time.
 - B. 1 publisher and up to 8 subscriber servers.
 - C. 1 publisher and up to 4 subscriber servers.
 - D. 1 publisher and up to 4 subscriber servers. Only two of the subscriber servers can actively process calls at one time.

[Find the Answer](#) p. 52



10. Which of the following is NOT a type of Intra-cluster communication? Select the best answer.
- A. Call processing traffic
 - B. Database traffic
 - C. Management channel
 - D. RTP traffic

[Find the Answer](#) p. 52

11. How many "starter" licenses are included with every copy of Cisco Unified Communications manager 6.0? Select the best answer.
- A. There are no temporary licenses included.
 - B. 5 starter licenses
 - C. 100 starter licenses
 - D. 10 starter licenses
 - E. 50 starter licenses
 - F. 10 starter licenses

[Find the Answer](#) p. 52

12. Which node(s) perform licensing functions? Select the best answer.
- A. The license server
 - B. Any server in the cluster
 - C. The publisher
 - D. MoH server

[Find the Answer](#) p. 52



13. What are the two types of Cisco license product ID's available for the CUCM version 5 and above? Choose two:

- A. Softphone device license
- B. Cisco device license
- C. Third-party device license
- D. SIP device license
- E. SCCP device license

[Find the Answer](#) p. 52

14. What identification method is used to register for licenses on your CUCM license server? Select the best answer.

- A. The MAC address of the first node server.
- B. The FQDN of the first node server.
- C. The serial number of the first node server.
- D. The admin username and password of the first node server.

[Find the Answer](#) p. 52

15. If you are upgrading from CallManager 4.x to Communications Manager 5.x to 7.x, what must be done to insure your phone licenses transfer? Select the best answer.

- A. The upgrade process will prompt you to enter the MAC address of the first node. The first node then automatically upgrades the license files.
- B. You must re-submit your licenses at www.cisco.com/go/license to obtain a new license file that works with the upgraded software.
- C. You must purchase new licenses. 4.x licenses are not reusable.
- D. You must contact technical support by email or phone to upgrade the license files. They will send a link where you can download the new license file for use on 5.x or above.

[Find the Answer](#) p. 52



16. What are the two key licensing components of the CUCM? Choose two:

- A. License Administrator
- B. License Upgrade Manager
- C. License Manager
- D. License Server

[Find the Answer](#) p. 52

17. What tool is available to determine the number of available licenses? Where is this tool found on the GUI? Choose two:

- A. License file upload tool
- B. License Unit Report tool
- C. System > License > License Unit Report
- D. System > License > License Unit Calculator

[Find the Answer](#) p. 52

18. What two third-party hardware vendors are designed and supported by Cisco for use with the Cisco Unified Communications Manager? Choose two:

- A. Dell
- B. HP
- C. Sun Microsystems
- D. IBM

[Find the Answer](#) p. 52



19. Why does Cisco recommend that you implement the G.711 codec for single site deployments? Choose two:
- A. Older voice-mail systems support only G.711.
 - B. You will never have to transcode between G.711 and G.729 which uses up DSP resources.
 - C. G.711 uses less bandwidth than G.729.
 - D. G.711 offers encryption for voice calls.

[Find the Answer](#) p. 52

20. What is recommended at remote sites when a centralized call processing design is implemented? Select the best answer.
- A. Separate Communications Manager server at each remote site for DR failover.
 - B. Use only leased lines for the WAN links.
 - C. SRST for DR failover.
 - D. Install analog phones independent of the CUCM for DR failover.

[Find the Answer](#) p. 52

21. What is the maximum delay allowed for designing a CUCM cluster across a WAN? Select the best answer.
- A. < 20 ms RTT
 - B. < 120 ms RTT
 - C. < 80 ms RTT
 - D. < 40 ms RTT

[Find the Answer](#) p. 52



22. What configuration setup is strongly encouraged when installing the CUCM software on the first node? Select the best answer.

- A. DNS
- B. NTP
- C. DHCP
- D. Windows update schedule

[Find the Answer](#) p. 52

23. How does the configuration of NTP on subsequent nodes differ from the first node? Select the best answer.

- A. Different NTP source addresses must be used on subsequent nodes.
- B. NTP is not a configuration option on subsequent nodes.
- C. The subsequent nodes must manually enter the IP address of the first node.
- D. The NTP client automatically points to the first nodes time.

[Find the Answer](#) p. 52

24. What are the three retrieval mechanisms available for upgrades during installation? Choose three:

- A. TFTP
- B. SFTP
- C. SMB
- D. Local
- E. FTP

[Find the Answer](#) p. 53



25. What two methods are used to view the Installation log files? Choose two:

- A. RTMT
- B. CLI
- C. CUCM GUI
- D. Syslog server

[Find the Answer](#) p. 53

26. What database is used by the Cisco Communications Manager beginning with v 5.0? Select the best answer.

- A. Microsoft SQL
- B. Informix Dynamic Server
- C. Oracle
- D. Flat file DB

[Find the Answer](#) p. 53

27. What is NOT set when doing a basic install on the first node? Select the best answer.

- A. Administrator password
- B. Application user password
- C. Subsequent node security password
- D. Database password

[Find the Answer](#) p. 53



28. What do you need to do after you install the server to get the CUCM functioning? Select the best answer.
- A. Activate the feature services.
 - B. Log in using the CLI and activate the GUI.
 - C. Reboot the server.
 - D. Backup the system.

[Find the Answer](#) p. 53

29. Which of the following is NOT an advantage of using DNS names in the deployment of CUCM? Select the best answer.
- A. Ease of management.
 - B. Easier to change IP address scheme.
 - C. Reduces potential source of failure.
 - D. Simplified name recognition.

[Find the Answer](#) p. 53

30. What are two benefits to renaming the server to the IP address rather than using a DNS name? Choose two:
- A. Decreases the time it takes the phone to connect to the Communications Manager.
 - B. Allows for easier management.
 - C. Prevents the IP phone from failing in the case of a DNS failure.
 - D. Allows both SCCP and SIP phones to be used on the same Communications Manager.

[Find the Answer](#) p. 53



Chapter 2

Describe & configure Cisco Unified Communications Manager to support on-cluster calling

1. Within the Communications Manager "Show" administrator menu, what selection displays information such as: host name, time zone, CPU utilization and memory usage? Select the best answer.
 - A. Hardware
 - B. Network
 - C. System
 - D. Cluster

[Find the Answer](#) p. 54

2. Which of the following is NOT a Certificate type supported by the CUCM? Select the best answer.
 - A. IPSec
 - B. CallManager
 - C. SSL
 - D. CAPF
 - E. Tomcat

[Find the Answer](#) p. 54



3. What is the "Remote Support" function used for? Select the best answer.
- A. It is used for setting up accounts to remotely administrate the CUCM using either the GUI or CLI interfaces.
 - B. When TAC support determines that root file system access is necessary for troubleshooting a problem.
 - C. When local staff engineers determines that root file system access is necessary for troubleshooting a problem.
 - D. When TAC support determines that read-only system access is necessary for viewing logs.

[Find the Answer](#) p. 54

4. What methods can a user access the CUCM CLI? Choose two:
- A. Through the Async port with an attached modem.
 - B. SSH
 - C. Console
 - D. Telnet
 - E. VTY

[Find the Answer](#) p. 54

5. Which of the following is NOT a CLI main menu command? Select the best answer.
- A. Help
 - B. Execute
 - C. Delete
 - D. unset

[Find the Answer](#) p. 54



6. What CUCM CLI command might Cisco TAC ask for that displays all high-level system information? Select the best answer.
- A. show system
 - B. show interface
 - C. show system all
 - D. show tech all

[Find the Answer](#) p. 54

7. How does the Multilevel Administration (MLA) work on the CUCM? Choose two:
- A. Individual users are assigned to user roles.
 - B. Individual users are assigned to user groups.
 - C. Roles are created and assigned to user groups.
 - D. Each role has multiple users assigned to it.

[Find the Answer](#) p. 54

8. What is NOT true regarding standard roles and user groups in the CUCM? Select the best answer.
- A. You can modify standard roles.
 - B. You can copy a standard user group and modify it to create a custom user group.
 - C. You can delete standard roles and user groups.
 - D. You can modify standard user groups.

[Find the Answer](#) p. 54



9. What are the two privilege level types? Choose two:

- A. Read
- B. Administrator
- C. Write
- D. Update

[Find the Answer](#) p. 54

10. How can the DRS archive backups? Choose two:

- A. SFTP
- B. FTP
- C. SCCP
- D. Tape drive
- E. TFTP

[Find the Answer](#) p. 54

11. Which of the following does the DRS master agent NOT do? Select the best answer.

- A. Executes backup and restore tasks.
- B. Stores configuration.
- C. Controls backup and restore schedules.
- D. Communicates with archive devices.

[Find the Answer](#) p. 54



12. What two components does CUCM 6 rely on to satisfy the user provisioning and user authentication for LDAP? Choose two:
- A. A one-way synchronization of user data from LDAP to the CUCM database.
 - B. A bi-directional synchronization of user data from LDAP to the CUCM database.
 - C. User authentication utilizes the user the synchronized provisioning data to authenticate users against the local CUCM database.
 - D. User authentication is enabled independently from user provisioning. It provides authentication of end-user passwords against LDAP.

[Find the Answer](#) p. 54

13. What functions can the Cisco Catalyst switch perform in regards to supporting IPT endpoints? Choose three:
- A. Encrypts voice traffic.
 - B. Supplies inline power to the IP phone.
 - C. Marks traffic using CoS.
 - D. Offloads IPT traffic to secondary CPU.
 - E. Supports voice and data VLANs on a single port.

[Find the Answer](#) p. 54

14. What power source sits between the LAN switch and IPT phone and provides power to a single endpoint on pins 4,5,7 and 8? Select the best answer.
- A. PoE
 - B. Midspan power injector.
 - C. Wall power adapter.
 - D. EoIP

[Find the Answer](#) p. 54



15. Which PoE standard detects a powered device by applying a voltage in the range of 2.8 to 10V on the wire and looks for a 25K ohm signature resistor? Select the best answer.
- A. 802.11d
 - B. Cisco Prestandard PoE detection
 - C. RFC 1942
 - D. 802.3af

[Find the Answer](#) p. 54

16. What command will configure a switchport to use VLAN 22 as the voice VLAN? Select the best answer.
- A. switch(config-if)# switchport access vlan 22
 - B. switch(config)# switchport access vlan 22
 - C. switch(config-if)# switchport voice vlan 22
 - D. switch(config)# switchport voice vlan 22

[Find the Answer](#) p. 54

17. What IOS switchport command will accept the CoS value that a connected endpoint device sends to the switch? Select the best answer.
- A. switch(config-if)# switchport priority extend
 - B. switch(config-if)# switchport priority extend cos 5
 - C. switch(config-if)# switchport priority extend trust
 - D. switch(config-if)# switchport priority extend trust cos

[Find the Answer](#) p. 54



18. What audio codecs do all Cisco IPT phones support? Choose two:

- A. G.711 - 8 kbps
- B. G.711 - 64 kbps
- C. G.729 - 64 kbps
- D. G.729 - 8 kbps

[Find the Answer](#) p. 54

19. What keys on a Cisco phone activate functions displayed on the corresponding LCD display? Select the best answer.

- A. Service keys
- B. Help keys
- C. Navigation keys
- D. Soft keys

[Find the Answer](#) p. 54

20. What two voice signaling protocols do mid-range and high-end Cisco phones support that low-range phones may not? Choose two

- A. SCCP
- B. Skinny
- C. SIP
- D. MGCP
- E. H.323

[Find the Answer](#) p. 54



21. What is the name for the Cisco software based application that delivers enhanced telephony support through personal computers? Select the best answer.
- A. Cisco Unified Conference Station
 - B. Cisco Analog Telephone Adapter (ATA)
 - C. Cisco IP Communicator
 - D. Cisco TelePresence

[Find the Answer](#) p. 54

22. Can Cisco phones configured for SIP utilize SRST for WAN failover? Select the best answer.
- A. Yes
 - B. No
 - C. It depends on the type of SIP Cisco phone configured.
 - D. Yes, but performance will be degraded.

[Find the Answer](#) p. 54

23. When a Cisco IP phone using SIP firmware connects to the network, what is the first file it requests? Select the best answer.
- A. XMLDefault.cnf.xml
 - B. <MAC address>.Loads
 - C. SIP<MAC address>.cnf
 - D. SEP<MAC address>.cnf

[Find the Answer](#) p. 54



24. What are the main boot sequence differences between Cisco SCCP and SIP phones? Choose three:
- A. SIP phones download softkey sets in the XML file.
 - B. The SEP<MAC address>.cnf file contains much more information for SIP phones compared to SCCP phones.
 - C. The SEP<MAC address>.cnf file contains much more information for SCCP phones compared to SIP phones.
 - D. SCCP phones do not require a SEP<MAC address>.cnf file to operate.
 - E. SIP phones can download and use local dial plans.

[Find the Answer](#) p. 55

25. What protocol can use in-band or out-of-band for message signaling? Select the best answer.
- A. SIP
 - B. H.323
 - C. MGCP
 - D. SCCP

[Find the Answer](#) p. 55

26. What is the default phone button template for a 7960 phone? Select the best answer.
- A. 6 lines, 0 speed dials
 - B. 2 lines, 4 speed dials
 - C. 3 lines, 3 speed dials
 - D. 4 lines, 2 speed dials
 - E. 1 line, 5 speed dials

[Find the Answer](#) p. 55



27. What tool allows an administrator to add a large number of IP phones to the CUCM at once? Select the best answer.

- A. Device Pool
- B. Device Mobility
- C. Bulk Administration Tool
- D. Device

[Find the Answer](#) p. 55

28. Which of the following is NOT a method to find the MAC address of a Cisco IP phone? Select the best answer.

- A. On the UPC code imprinted on the shipping box.
- B. Using a bar code scanner on the UPC code on the shipping box.
- C. Pressing "*###" on a powered phone will display the MAC address on the display.
- D. On the UPC code sticker on the back of the phone.
- E. In the settings option of a phone that is powered up.

[Find the Answer](#) p. 55



29. What is the correct order to configure DHCP phone support on the CUCM? Select the best answer.
- A. 1. Configure the DHCP subnet.
2. Configure an IP helper address.
3. Activate the DHCP Monitor service.
 - B. 1. Configure the DHCP subnet.
2. Activate the DHCP Monitor service.
3. Add and configure the DHCP server.
 - C. 1. Activate the DHCP Monitor service.
2. Add and configure the DHCP server.
3. Configure the DHCP subnet.
 - D. 1. Configure the DHCP subnet.
2. Activate the DHCP Monitor service.
3. Configure an IP helper address.

[Find the Answer](#) p. 55

30. What is the format of a SIP URI? Select the best answer.
- A. user@callmanager
 - B. host@callmanager
 - C. user@host
 - D. host@gateway

[Find the Answer](#) p. 55



31. What two files must be renamed to convert an SCCP phone to SIP? Select the best answer.
- A. This file is a sample ringtone. It must be located in the root directory of the TFTP server.
 - B. This file contains call signaling information for each IP phone.
 - C. This file The file lists all the audio files that are custom ring options for the IP phones.
 - D. This file sends a test ring tone to all configured SCCP phones. It is used to insure the phones are working properly.

[Find the Answer](#) p. 55

32. What can be enabled on SIP phones so they can send each digit at a time instead of waiting for the "send" key to be pressed? Select the best answer.
- A. Keypad stimulus protocol (KPML)
 - B. Ringer1.pcm
 - C. Dial rules
 - D. Route pattern

[Find the Answer](#) p. 55

33. Which of the following device options can you NOT create a BAT template for? Select the best answer.
- A. Phones
 - B. Dial Plans
 - C. User Device Profiles
 - D. Gateways

[Find the Answer](#) p. 55



34. What type of file can be imported by the CUCM to be used for adding phones in bulk? Select the best answer.
- A. .bat file format.
 - B. .csv format.
 - C. .xml file format.
 - D. .txt file format.

[Find the Answer](#) p. 55

35. What three statements are true regarding TAPS? Choose three:
- A. You use CUCM BAT to add new phone configurations with dummy MAC addresses.
 - B. You can use either BAT or TAPS to auto-configure phones but not both.
 - C. Once a phone is connected to the network and the TAPS number is dialed, the phone downloads the phone configuration.
 - D. TAPS can only be used for new phone installations.
 - E. When the TAPS number is dialed and connects to the CUCM, the correct MAC address of the phone is updated in the database.

[Find the Answer](#) p. 55

36. What steps must be taken to install TAPS? Choose two:
- A. Start BAT on any of the successor nodes.
 - B. Install the TAPS application on the first node.
 - C. Start BAT on the first node.
 - D. Install the TAPS application on the CRS server.

[Find the Answer](#) p. 55



37. How does the CUCM link configuration information to an IP phone in the database? Select the best answer.
- A. By the order the phone is configured in the database.
 - B. By IP address.
 - C. By MAC address.
 - D. By a randomly created value.

[Find the Answer](#) p. 55

38. Which of the following is NOT a setting that must be configured when creating a BAT template? Select the best answer.
- A. Softkey template
 - B. Button template
 - C. Calling search space
 - D. Device ID
 - E. Device pool

[Find the Answer](#) p. 55



Chapter 3

Configure a route plan for Cisco Unified Communications Manager to support off-net calling

1. Which of the following is NOT a function of a dial plan? Select the best answer.

- A. Path Redundancy
- B. Path Selection
- C. Endpoint Addressing
- D. Call Coverage

[Find the Answer](#) p. 56

2. What is the proper numbering scheme for the North American Numbering Plan (NANP)? Select the best answer.

- A. XXX-NXX-XXXX X=<0-9> N=<2-9>
- B. NXX-XXX-XXXX X=<0-9> N=<2-9>
- C. NXX-NXX-XXXX X=<0-9> N=<1-9>
- D. NXX-NXX-XXXX X=<0-9> N=<2-9>

[Find the Answer](#) p. 56

3. In North America, what numbering plans define all service code numbers? Select the best answer.

- A. NN1 N=<2-9>
- B. N11 N=<0-9>
- C. N11 N=<2-9>
- D. 9NN N=<2-9>

[Find the Answer](#) p. 56



4. What NAMP numbering assignment defines numbers for TRS (Telecommunications Relay Service) use? Select the best answer.
- A. 555-01XX X=<0-9>
 - B. 800-855
 - C. 900-NXX X=<0-9> N=<2-9>
 - D. 456-NXX X=<0-9>N=<2-9>

[Find the Answer](#) p. 56

5. What is the term to define a feature where a telco allocated a range of phone numbers that connected to the PBX of their customer? Incoming calls would be routed directly to the appropriate phone. Select the best answer.
- A. Auto Attendant (AA)
 - B. Direct inward dialing (DID)
 - C. ETNS
 - D. Phone Directory

[Find the Answer](#) p. 56

6. What are three options for handling overlapping endpoint addresses? Choose three:
- A. Endpoint readdressing
 - B. Endpoint masking
 - C. Place overlapping addresses in different partitions.
 - D. Adding a unique prefix.
 - E. Place overlapping addresses in the same partition.

[Find the Answer](#) p. 56



7. Which of the following is NOT a digit manipulation option? Select the best answer.
- A. Discard digits instruction
 - B. Calling/called party transformation mask
 - C. Suffix insertion mask
 - D. Translation mask
 - E. Prefix digits

[Find the Answer](#) p. 56

8. What CUCM methods help to insure that incoming calls are answered? Choose two:
- A. Hunt group
 - B. Unity
 - C. Ring multiple phones
 - D. Call trunking

[Find the Answer](#) p. 56

9. Which of the following is NOT a supported CUCM trunk type? Select the best answer.
- A. H.225 trunk - gatekeeper controlled
 - B. Intercluster trunk - non-gatekeeper controlled
 - C. Intercluster - gatekeeper controlled
 - D. MGCP trunk
 - E. SIP trunk

[Find the Answer](#) p. 56



10. What type of supported trunk is recommended ONLY in developments that are entirely composed of CUCM equipment? Select the best answer.
- A. SIP trunk
 - B. Intercluster trunk - non-gatekeeper controlled
 - C. H.225 trunk - gatekeeper-controlled
 - D. Intercluster - gatekeeper-controlled

[Find the Answer](#) p. 56

11. What options are available for providing redundancy with SIP trunks? Choose two.
- A. Point SIP trunks to multiple IP addresses
 - B. DNS SRV
 - C. Configure multiple SIP trunks
 - D. Configure SIP VRRP

[Find the Answer](#) p. 56

12. What type of SIP trunk connections are NOT supported? Select the best answer.
- A. UDP
 - B. RTP
 - C. TLS
 - D. TCP

[Find the Answer](#) p. 56

13. What router IOS command lets you examine call statistics on VoIP dial peers that relate to a CUCM trunk on a gateway? Select the best answer.
- A. router# show dial-peers voip
 - B. router# show dial-peers ipt
 - C. router# show dial-peers trunk
 - D. router# show dial-peers sip

[Find the Answer](#) p. 56



14. What is the name of a device that translates one type of voice signal into another signal? Select the best answer.
- A. POTS
 - B. Unity
 - C. Voice gateway
 - D. Trunk

[Find the Answer](#) p. 56

15. What is the name for a signaling method that uses specific pairs of signaling tones within the voice band? Select the best answer.
- A. H.323
 - B. SRST
 - C. DTMF
 - D. MGCP

[Find the Answer](#) p. 56



16. What is the proper order for constructing a route plan? Select the best answer.

- A.
 1. Build route lists from available route groups.
 2. Build a route pattern.
 3. Add gateway devices.
 4. Build route groups from available devices.
- B.
 1. Add gateway devices.
 2. Build route lists from available route groups.
 3. Build a route pattern.
 4. Build route groups from available devices.
- C.
 1. Build route groups from available devices.
 2. Build route lists from available route groups.
 3. Build a route pattern.
 4. Add gateway devices.
- D.
 1. Add gateway devices.
 2. Build route groups from available devices.
 3. Build route lists from available route groups.
 4. Build a route pattern.

[Find the Answer](#) p. 56

17. What is the name for a logical grouping of device gateways? Select the best answer.

- A. Route Group
- B. Route List
- C. Route Map
- D. Route List
- E. Device Group

[Find the Answer](#) p. 56



18. Where on the CUCM can you configure route groups? Select the best answer.
- A. Media Resources --> Route/Hunt --> Route Group
 - B. Device --> Route/Hunt --> Route Group
 - C. Call Routing --> Route/Hunt --> Route Group
 - D. System --> Route/Hunt --> Route Group

[Find the Answer](#) p. 56

19. What type of notification will a caller get if the CUCM exhausts the list of gateways in attempt to route a call? Select the best answer.
- A. A "This number is not in service" message.
 - B. A busy signal.
 - C. A "gateway is temporarily down" message.
 - D. A fast busy signal.

[Find the Answer](#) p. 56

20. What numbers does the following route pattern match? 18[27-8]6 Choose three:
- A. 1876
 - B. 1826
 - C. 1828
 - D. 1886
 - E. 1836

[Find the Answer](#) p. 56



21. What numbers does the following route pattern match?433!#Select the best answer.
- A. 43327
 - B. 43376#
 - C. 42327#
 - D. 43376*

[Find the Answer](#) p. 56

22. What numbers does the following route pattern match?32[^2-8]44Select the best answer.
- A. 32244
 - B. 32*44
 - C. 32244
 - D. 32844

[Find the Answer](#) p. 56

23. If you are creating a route pattern for off-network calls to the PSTN, what should be done for users after they correctly enter their outside access code?Select the best answer.
- A. Check the "Provide Busy Signal" checkbox.
 - B. Check the "Provide Outside Dial Tone" checkbox.
 - C. Check the "Provide Background Static" checkbox.
 - D. Check the "Provide PSTN Tone" checkbox.

[Find the Answer](#) p. 56



24. When using the ! at the end of a route pattern dial string, what two instances need to occur for the CUCM to know that the user is finished dialing? Choose two:
- A. The user can hit the # key.
 - B. The user can hit the * key.
 - C. The user can press the 1 digit.
 - D. The user stops entering digits and waits for the interdigit timeout.

[Find the Answer](#) p. 57

25. What is the default interdigit timeout period? Select the best answer.
- A. 15 seconds
 - B. 5 seconds
 - C. 3 seconds
 - D. 8 seconds

[Find the Answer](#) p. 57



26. What is the recommended order for building a route configuration? Select the best answer.
- A. 1. Add a route list.
2. Add a route group.
3. Add the gateway.
4. Add route patterns.
 - B. 1. Add a route group.
2. Add a route list.
3. Add the gateway.
4. Add route patterns.
 - C. 1. Add route patterns.
2. Add the gateway.
3. Add a route group.
4. Add a route list.
 - D. 1. Add the gateway.
2. Add a route group.
3. Add a route list.
4. Add route patterns.

[Find the Answer](#) p. 57

27. Which of the following are valid wildcards? Choose three:

- A. !
- B. .
- C. *
- D. ^
- E. +

[Find the Answer](#) p. 57



28. Which of the following is NOT a call distribution algorithm? Select the best answer.
- A. FIFO
 - B. Circular
 - C. Broadcast
 - D. Longest idle time
 - E. Top down

[Find the Answer](#) p. 57

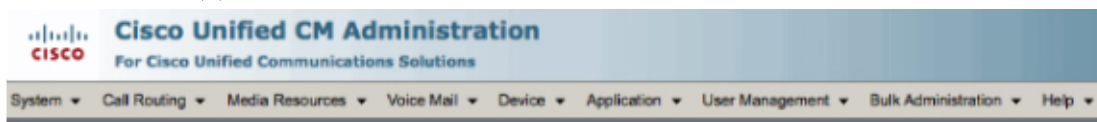
29. What route filter tag is bolded in the following DN:01 1 33 123456#? Select the best answer.
- A. International-access
 - B. National-number
 - C. International-direct-dial
 - D. Country code

[Find the Answer](#) p. 57

30. Where on the Cisco Unified Communications Manager Administration GUI would you configure discard digits? Select the best answer.
- A. System --> Translation Pattern
 - B. Call Routing --> Translation Pattern
 - C. Device --> Translation Pattern
 - D. Application --> Translation Pattern

[Find the Answer](#) p. 57

Exhibit(s):



31. What are dialing transformations that modify the calling party number? Select the best answer.
- A. Digit manipulation transformations
 - B. Called-party transformations
 - C. Calling party transformations
 - D. Reverse sender transformations

[Find the Answer](#) p. 57

32. What tool manipulates dialed digits BEFORE determining where to route a call? Select the best answer.
- A. Calling-party transformation
 - B. Translation pattern
 - C. Route filter
 - D. Called-party transformation

[Find the Answer](#) p. 57

33. What three tools can be used on the CUCM to enforce class-of-service (CoS) restrictions? Choose three:
- A. Calling search spaces
 - B. Time-of-day
 - C. Partitions
 - D. Hunt Groups
 - E. Dial Plans

[Find the Answer](#) p. 57



34. What is an ordered list of partitions that the CUCM digit analysis checks prior to a telephone call being placed? Select the best answer.
- A. Partition
 - B. Directory
 - C. Calling search space
 - D. Calling Privileges

[Find the Answer](#) p. 57

35. Partitions can be assigned to which of the following? Choose three:
- A. Calling search space
 - B. Route patterns
 - C. Class of control
 - D. Directory numbers
 - E. Translation patterns

[Find the Answer](#) p. 57

36. What steps are necessary to configure calling search spaces? Select the best answer.
- A.
 1. Select a list of partitions per calling search space.
 2. Add new partitions.
 3. Assign calling search spaces to devices/translation patterns.
 - B.
 1. Add new partitions.
 2. Select a list of partitions per calling search space.
 3. Assign calling search spaces to devices/translation patterns.
 - C.
 1. Add new partitions.
 2. Select a list of partitions per calling search space.
 3. Assign calling search spaces to devices/translation patterns.
 4. Enable the partition service.
 - D.
 1. Enable the partition service.
 2. Select a list of partitions per calling search space.
 3. Add new partitions.
 4. Assign calling search spaces to devices/translation patterns.

[Find the Answer](#) p. 57



37. Using time-of-day routing, what methods can be used to route calls? Choose two:

- A. Time periods
- B. Time partitions
- C. Time Schedules
- D. Microsoft Exchange schedules

[Find the Answer](#) p. 57

38. What needs to be done to activate a time schedule? Select the best answer.

- A. Assign it to a class of control.
- B. Assign it to a dial number (DN).
- C. Assign it to a partition.
- D. Assign it to a calling search space.

[Find the Answer](#) p. 57

39. What are the digits that the CUCM sends out when the PreDot discard is applied to: 91.5553038118? Select the best answer.

- A. 915553038118
- B. 3038118
- C. 15553038118
- D. 5553038118

[Find the Answer](#) p. 57



Chapter 4

Describe & configure Cisco Unified Communications Manager media resources

1. What provides mechanisms to control the volume of calls between two endpoints? It is typically found on WAN links. Select the best answer.

- A. Traffic policing
- B. Traffic shaping
- C. Call admission control
- D. LLQ

[Find the Answer](#) p. 58

2. What two call admission control methods are available on the CUCM? Choose two:

- A. Locations-based CAC
- B. Gatekeeper-based CAC
- C. Source-based CAC
- D. Destination-based CAC

[Find the Answer](#) p. 58

3. When calculating bandwidth for call admission control, the Cisco CUCM assumes that G.711 and G.729 consume how much bandwidth? Choose two:

- A. G.711 - 64 kbps
- B. G.711 - 100 kbps
- C. G.711 - 80 kbps
- D. G.729 - 8 kbps
- E. G.729 - 24 kbps
- F. G.729 - 20 kbps

[Find the Answer](#) p. 58



4. When setting up call admission control on the CUCM, there are locations and regions defined. What do they describe? Choose two:
- A. Locations define the amount of bandwidth available.
 - B. Regions define the amount of bandwidth available.
 - C. Regions define the compression type used.
 - D. Locations define the compression type used.

[Find the Answer](#) p. 58

5. A Cisco IOS gatekeeper supports which two types of gatekeeper registration? Choose two:
- A. Partial registration
 - B. Lightweight registration
 - C. Endpoint registration
 - D. Full registration

[Find the Answer](#) p. 58

6. What tool is a transport-level protocol that reserves resources on IP networks? Select the best answer.
- A. CAC
 - B. Location-based CAC
 - C. RSVP
 - D. LLQ

[Find the Answer](#) p. 58



7. What kind of protocol is RSVP? Choose the best answer:

- A. Stateless
- B. Statefull
- C. Routing
- D. Application layer

[Find the Answer](#) p. 58

8. When RSVP bandwidth reservation is no longer needed what two messages can the RSVP sender originate to perform a teardown? Select the best two answers.

- A. Source teardown
- B. Reservation-request teardown
- C. Destination teardown
- D. Path teardown

[Find the Answer](#) p. 58

9. Which of the following statements are advantages of RSVP over locations-based call admission control? Choose three:

- A. Supports mesh topologies.
- B. Supports equal-cost or non-equal-cost paths.
- C. Runs at layer 2.
- D. Supports redundant links.
- E. Can handle more voice calls on the same amount of bandwidth.

[Find the Answer](#) p. 58



10. How many RSVP agents are required in an implementation? Select the best answer.
- A. One RSVP agent is required.
 - B. Two RSVP agents are required.
 - C. One agent for every endpoint.
 - D. One agent for every call.

[Find the Answer](#) p. 58

11. What two options in RSVP are available when a call loses the bandwidth reservation while in the middle of a call? Choose two:
- A. The call switches to DSCP after X retries, X is a administrator defined number.
 - B. The call becomes a "best effort" call.
 - C. The call terminates and reconnects.
 - D. The call fails after X reservation retries, X is a administrator defined number.

[Find the Answer](#) p. 58

12. How is RSVP enabled and disabled in the CUCM GUI? Select the best answer.
- A. System --> Location
 - B. Call Routing --> Location
 - C. System --> Device Pool
 - D. Call Routing --> Device Pool

[Find the Answer](#) p. 58



13. Which of the following is NOT an RSVP policy service parameter? Select the best answer.
- A. No Reservation
 - B. Mandatory (Voice Desired)
 - C. Mandatory
 - D. Optional (Video Desired)

[Find the Answer](#) p. 58

14. Which RSVP service parameter specifies what should happen if the RSVP reservation fails? Select the best answer.
- A. Optional (Video Desired)
 - B. Mandatory RSVP Midcall Retry
 - C. Mandatory
 - D. Mandatory RSVP Midcall Error Handling

[Find the Answer](#) p. 58

15. What is the default Inter-Location RSVP Policy set to on the CUCM? Select the best answer.
- A. Mandatory (Video Desired)
 - B. No Reservations
 - C. Optional (Video Desired)
 - D. Mandatory

[Find the Answer](#) p. 58



16. Where on the Communications Manager GUI do you configure Multicast for MoH? Select the best answer.
- A. Media Resources > Music on Hold Audio Source
 - B. Media Resources > Music on Hold Server
 - C. Media Resources > Fixed MoH Audio Source
 - D. Media Resources > Media Resource Group

[Find the Answer](#) p. 58

17. Which of the following is NOT a Media Resource Group type? Select the best answer.
- A. Conference Bridges (CFB)
 - B. Music On Hold Servers (MoH)
 - C. Media Termination Points (MTP)
 - D. Call Park (CP)
 - E. Annunciator (ANN)
 - F. Transcoders (XCODE)

[Find the Answer](#) p. 58

18. What provides CUCM conferencing, transcoding, media termination, annunciator, and music on hold services? Select the best answer.
- A. Media Resources
 - B. Transcoding
 - C. Bulk Administration
 - D. Music on Hold Server

[Find the Answer](#) p. 58



Chapter 5

Configure the Cisco Unified Communications Manager to support features and applications

1. What four configuration steps are automatically performed when the Administrator uses the CUCM Assistant Configuration Wizard? Choose four:
 - A. Partitions
 - B. Route Filters
 - C. Calling Search Spaces (CSS)
 - D. Route Point
 - E. Translation Pattern
 - F. Media Resource Group

[Find the Answer](#) p. 59

2. What Cisco IPT solution ensures that Cisco Unified Communications Manager will send emergency calls to the public safety answering point? Select the best answer.
 - A. Cisco Emergency Responder
 - B. Cisco E911 Manager
 - C. Cisco Unified MeetingPlace
 - D. Cisco Unified Presence Server

[Find the Answer](#) p. 59



3. What is a Windows-based application and USB camera that adds the benefit of video to a call when attached to a Cisco IP phone running SCCP? Select the best answer.
- A. Cisco 7985G
 - B. TelePresence
 - C. Cisco IP Communicator
 - D. Cisco Unified Video Advantage

[Find the Answer](#) p. 59

4. Before a user can access the User Options web pages, what two steps must be performed on the CUCM? Choose two:
- A. Add the user to a standard Cisco Unified Communications Manager End User Group.
 - B. Create a User Roll for access to the User Options web pages.
 - C. Add the End User to the CCMAdministrator role.
 - D. Associate appropriate phones with the user.

[Find the Answer](#) p. 59

5. What three states can line group members (directory numbers) be in? Choose three:
- A. Hold
 - B. Idle
 - C. Busy
 - D. Optional
 - E. Available

[Find the Answer](#) p. 59



6. Which of the following is NOT a line group component? Select the best answer.
- A. Call distribution algorithm
 - B. Ring no answer reversion timeout
 - C. Line group users
 - D. Hunt options
 - E. Line group members

[Find the Answer](#) p. 59

7. What three states can hunt group members be in? Choose three:
- A. No answer
 - B. Out on page
 - C. Voicemail
 - D. Busy
 - E. Not available

[Find the Answer](#) p. 59

8. A line group is configured with 4 members: member 1 (5001), member 2 (5002), member 3 (5003), and member 4 (5004). A circular distribution algorithm is configured for the line group. Member 3 picked up the last call into the group. Which member will the CUCM ring first on the next call? Select the best answer.
- A. Member 1
 - B. Member 2
 - C. Member 3
 - D. Member 4

[Find the Answer](#) p. 59



9. When configuring hunt pilots, you can check the "Forward Hunt No Answer" and/or "Forward Hunt Busy" checkbox. This checkbox defines what happens to the call when it is fully distributed through the hunt list and not picked up. What three options are available? Choose three:
- A. Destination
 - B. On-hook
 - C. Use Personal Preferences
 - D. Unity Bypass
 - E. Calling Search Space

[Find the Answer](#) p. 59

10. What two steps must be performed prior to running the Voice Mail Port Wizard for Unity configuration? Choose two:
- A. Add new voicemail ports depending on the number you require.
 - B. Add Voice Mail Ports to Line Groups.
 - C. Add a partition for all voicemail directory ports.
 - D. Create a Calling Search Space and add the voicemail partition to the new CSS.

[Find the Answer](#) p. 59

11. What is required to configure a Call Park number on the CUCM in the Call Routing menu? Choose all that apply:
- A. Call Park Number.
 - B. Choose a partition.
 - C. Choose an MoH server.
 - D. Choose a Communications Manager.
 - E. Enter a Call Park Description.

[Find the Answer](#) p. 59



12. Barge, Privacy, and Privacy on Hold features work with what type of phones? Select the best answer.
- A. Single line phones
 - B. Dual line phones
 - C. Intercom phones
 - D. Shared line phones

[Find the Answer](#) p. 59



Answers: Chapter 1

1. B, C, E, F	Review Question p. 2	Detailed Explanation p. 61
2. B	Review Question p. 2	Detailed Explanation p. 61
3. A	Review Question p. 2	Detailed Explanation p. 62
4. D	Review Question p. 3	Detailed Explanation p. 62
5. B	Review Question p. 3	Detailed Explanation p. 62
6. B	Review Question p. 3	Detailed Explanation p. 63
7. A, C	Review Question p. 4	Detailed Explanation p. 63
8. C	Review Question p. 4	Detailed Explanation p. 63
9. A	Review Question p. 4	Detailed Explanation p. 64
10. D	Review Question p. 5	Detailed Explanation p. 64
11. E	Review Question p. 5	Detailed Explanation p. 64
12. C	Review Question p. 5	Detailed Explanation p. 65
13. B, C	Review Question p. 6	Detailed Explanation p. 65
14. A	Review Question p. 6	Detailed Explanation p. 66
15. B	Review Question p. 6	Detailed Explanation p. 66
16. C, D	Review Question p. 7	Detailed Explanation p. 66
17. B, C	Review Question p. 7	Detailed Explanation p. 67
18. B, D	Review Question p. 7	Detailed Explanation p. 67
19. A, B	Review Question p. 8	Detailed Explanation p. 67
20. C	Review Question p. 8	Detailed Explanation p. 68
21. D	Review Question p. 8	Detailed Explanation p. 68
22. B	Review Question p. 9	Detailed Explanation p. 68
23. D	Review Question p. 9	Detailed Explanation p. 69



24. B, D, E	Review Question p. 9	Detailed Explanation p. 69
25. A, B	Review Question p. 10	Detailed Explanation p. 69
26. B	Review Question p. 10	Detailed Explanation p. 70
27. C	Review Question p. 10	Detailed Explanation p. 70
28. A	Review Question p. 11	Detailed Explanation p. 70
29. C	Review Question p. 11	Detailed Explanation p. 71
30. A, C	Review Question p. 11	Detailed Explanation p. 71



Answers: Chapter 2

1. C	Review Question p. 12	Detailed Explanation p. 72
2. C	Review Question p. 12	Detailed Explanation p. 72
3. B	Review Question p. 13	Detailed Explanation p. 72
4. B, C	Review Question p. 13	Detailed Explanation p. 73
5. B	Review Question p. 13	Detailed Explanation p. 73
6. D	Review Question p. 14	Detailed Explanation p. 73
7. B, C	Review Question p. 14	Detailed Explanation p. 74
8. C	Review Question p. 14	Detailed Explanation p. 74
9. A, D	Review Question p. 15	Detailed Explanation p. 74
10. A, D	Review Question p. 15	Detailed Explanation p. 75
11. A	Review Question p. 15	Detailed Explanation p. 75
12. A, D	Review Question p. 16	Detailed Explanation p. 75
13. B, C, E	Review Question p. 16	Detailed Explanation p. 76
14. B	Review Question p. 16	Detailed Explanation p. 76
15. D	Review Question p. 17	Detailed Explanation p. 76
16. C	Review Question p. 17	Detailed Explanation p. 77
17. C	Review Question p. 17	Detailed Explanation p. 77
18. B, D	Review Question p. 18	Detailed Explanation p. 77
19. D	Review Question p. 18	Detailed Explanation p. 78
20. C, D	Review Question p. 18	Detailed Explanation p. 78
21. C	Review Question p. 19	Detailed Explanation p. 78
22. A	Review Question p. 19	Detailed Explanation p. 79
23. D	Review Question p. 19	Detailed Explanation p. 79



24. A, B, E	Review Question p. 20	Detailed Explanation p. 79
25. A	Review Question p. 20	Detailed Explanation p. 80
26. B	Review Question p. 20	Detailed Explanation p. 80
27. C	Review Question p. 21	Detailed Explanation p. 80
28. C	Review Question p. 21	Detailed Explanation p. 81
29. C	Review Question p. 22	Detailed Explanation p. 81
30. C	Review Question p. 22	Detailed Explanation p. 82
31. C	Review Question p. 23	Detailed Explanation p. 82
32. A	Review Question p. 23	Detailed Explanation p. 82
33. B	Review Question p. 23	Detailed Explanation p. 83
34. B	Review Question p. 24	Detailed Explanation p. 83
35. A, C, E	Review Question p. 24	Detailed Explanation p. 83
36. C, D	Review Question p. 24	Detailed Explanation p. 84
37. C	Review Question p. 25	Detailed Explanation p. 84
38. D	Review Question p. 25	Detailed Explanation p. 84



Answers: Chapter 3

1. A	Review Question p. 26	Detailed Explanation p. 86
2. D	Review Question p. 26	Detailed Explanation p. 86
3. C	Review Question p. 26	Detailed Explanation p. 86
4. B	Review Question p. 27	Detailed Explanation p. 87
5. B	Review Question p. 27	Detailed Explanation p. 87
6. A, C, D	Review Question p. 27	Detailed Explanation p. 87
7. C	Review Question p. 28	Detailed Explanation p. 88
8. A, C	Review Question p. 28	Detailed Explanation p. 88
9. D	Review Question p. 28	Detailed Explanation p. 88
10. D	Review Question p. 29	Detailed Explanation p. 89
11. B, C	Review Question p. 29	Detailed Explanation p. 89
12. B	Review Question p. 29	Detailed Explanation p. 89
13. A	Review Question p. 29	Detailed Explanation p. 90
14. C	Review Question p. 30	Detailed Explanation p. 90
15. C	Review Question p. 30	Detailed Explanation p. 90
16. D	Review Question p. 31	Detailed Explanation p. 91
17. A	Review Question p. 31	Detailed Explanation p. 91
18. C	Review Question p. 32	Detailed Explanation p. 91
19. D	Review Question p. 32	Detailed Explanation p. 92
20. A, B, D	Review Question p. 32	Detailed Explanation p. 92
21. B	Review Question p. 33	Detailed Explanation p. 92
22. B	Review Question p. 33	Detailed Explanation p. 93
23. B	Review Question p. 33	Detailed Explanation p. 93



24. A, D	Review Question p. 34	Detailed Explanation p. 93
25. A	Review Question p. 34	Detailed Explanation p. 94
26. D	Review Question p. 35	Detailed Explanation p. 94
27. A, B, C	Review Question p. 35	Detailed Explanation p. 95
28. A	Review Question p. 36	Detailed Explanation p. 95
29. D	Review Question p. 36	Detailed Explanation p. 95
30. B	Review Question p. 36	Detailed Explanation p. 96
31. C	Review Question p. 37	Detailed Explanation p. 96
32. B	Review Question p. 37	Detailed Explanation p. 96
33. A, B, C	Review Question p. 37	Detailed Explanation p. 96
34. C	Review Question p. 38	Detailed Explanation p. 97
35. B, D, E	Review Question p. 38	Detailed Explanation p. 97
36. B	Review Question p. 38	Detailed Explanation p. 97
37. A, C	Review Question p. 39	Detailed Explanation p. 98
38. C	Review Question p. 39	Detailed Explanation p. 98
39. D	Review Question p. 39	Detailed Explanation p. 99

Answers: Chapter 4

1. C	Review Question p. 40	Detailed Explanation p. 100
2. A, B	Review Question p. 40	Detailed Explanation p. 100
3. C, E	Review Question p. 40	Detailed Explanation p. 100
4. A, C	Review Question p. 41	Detailed Explanation p. 101
5. B, D	Review Question p. 41	Detailed Explanation p. 101
6. C	Review Question p. 41	Detailed Explanation p. 101
7. A	Review Question p. 42	Detailed Explanation p. 102
8. B, D	Review Question p. 42	Detailed Explanation p. 102
9. A, B, D	Review Question p. 42	Detailed Explanation p. 102
10. C	Review Question p. 43	Detailed Explanation p. 103
11. B, D	Review Question p. 43	Detailed Explanation p. 103
12. A	Review Question p. 43	Detailed Explanation p. 103
13. B	Review Question p. 44	Detailed Explanation p. 104
14. D	Review Question p. 44	Detailed Explanation p. 104
15. B	Review Question p. 44	Detailed Explanation p. 105
16. B	Review Question p. 45	Detailed Explanation p. 105
17. D	Review Question p. 45	Detailed Explanation p. 105
18. A	Review Question p. 45	Detailed Explanation p. 106



Answers: Chapter 5

- | | | |
|----------------------|---------------------------------------|---------------------------------------------|
| 1. A, C, D, E | Review Question p. 46 | Detailed Explanation p. 107 |
| 2. A | Review Question p. 46 | Detailed Explanation p. 107 |
| 3. D | Review Question p. 47 | Detailed Explanation p. 107 |
| 4. A, D | Review Question p. 47 | Detailed Explanation p. 108 |
| 5. B, C, E | Review Question p. 47 | Detailed Explanation p. 108 |
| 6. C | Review Question p. 48 | Detailed Explanation p. 108 |
| 7. A, D, E | Review Question p. 48 | Detailed Explanation p. 109 |
| 8. D | Review Question p. 48 | Detailed Explanation p. 109 |
| 9. A, C, E | Review Question p. 49 | Detailed Explanation p. 109 |
| 10. C, D | Review Question p. 49 | Detailed Explanation p. 110 |
| 11. A, B, D | Review Question p. 49 | Detailed Explanation p. 110 |
| 12. D | Review Question p. 50 | Detailed Explanation p. 111 |

Explanations: Chapter 1

1. [Review Question](#) p. 2

Answers: B, C, E, F

Explanation A. Incorrect. The core layer is not part of the standard IP Communications layers.

Explanation B. Correct. The call-processing layer is physically independent from the infrastructure. That means a call-processor can be located anywhere on the network and be able to process call control for bearer channels around the world.

Explanation C. Correct. The applications layer are physically independent from call-processing functions.

Explanation D. Incorrect. The core layer is not part of the standard IP Communications layers.

Explanation E. Correct. The infrastructure consists of networking equipment and voice gateways.

Explanation F. Correct. The client layer brings the IP communications applications to the end user. This can be in the form of an IP phone, soft phone or video terminal.

PrepLogic Question: [11658-100](#)

2. [Review Question](#) p. 2

Answers: B

Explanation A. Incorrect. SCCP is supported by the Cisco Unified Communications solutions.

Explanation B. Correct. MPLS is not supported by the Cisco Unified Communications solutions.

Explanation C. Incorrect. MGCP is supported by the Cisco Unified Communications solutions. Incorrect SCCP is supported by the Cisco Unified Communications solutions.

Explanation D. Incorrect. H.323 is supported by the Cisco Unified Communications solutions.

PrepLogic Question: [11658-101](#)



3. [Review Question](#) p. 2**Answers: A**

Explanation A. Correct. DHCP option 150 plus the IP address of the TFTP server points the IP phones to the place where they can download the configuration information.

Explanation B. Incorrect. The correct answer is option 150.

Explanation C. Incorrect. The correct answer is option 150.

Explanation D. Incorrect. The correct answer is option 150.

PrepLogic Question: [11658-102](#)4. [Review Question](#) p. 3**Answers: D**

Explanation A. Incorrect. Call processing refers to the process of routing, originating and terminating calls.

Explanation B. Incorrect. Directory services stores user information either locally or against an external database.

Explanation C. Incorrect. Signaling and device control sets up signaling between call endpoints.

Explanation D. Correct. Dial plan administration sets up dial-lists that determine call routing.

PrepLogic Question: [11658-103](#)5. [Review Question](#) p. 3**Answers: B**

Explanation A. Incorrect. Either SCCP or SIP is used for setup and maintenance tasks.

Explanation B. Correct. Once a call is established using either SCCP or SIP, RTP is used to carry voice traffic directly between the two voice devices.

Explanation C. Incorrect. Either SCCP or SIP is used for setup and maintenance tasks.

Explanation D. Incorrect. G.711 is a voice CODEC. RTP is used for transport.



PrepLogic Question: [11658-104](#)

6. [Review Question](#) p. 3

Answers: B

Explanation A. Incorrect. The new operating system is "closed" meaning that it cannot interact with open-source applications.

Explanation B. Correct. The Windows version of CallManager (v.4 and below) did not allow for this type of upgrade.

Explanation C. Incorrect. All versions of Communications Manager allowed for Administration using a GUI.

Explanation D. Incorrect. Communications Manager v3 and above allowed for clustering.

PrepLogic Question: [11658-105](#)

7. [Review Question](#) p. 4

Answers: A, C

Explanation A. Correct. A clustered Communications Manager system can be managed from a single point.

Explanation B. Incorrect. Clustering does not provide additional E911 services.

Explanation C. Correct. Multiple servers help to prevent any outages.

Explanation D. Incorrect. Clustering Unified Communications Manager does not provide additional security.

PrepLogic Question: [11658-106](#)

8. [Review Question](#) p. 4

Answers: C

Explanation A. Incorrect. The primary node has read-write capabilities while subsequent nodes only have read access.

Explanation B. Incorrect. The primary node has read-write capabilities while subsequent nodes only have read access.

Explanation C. Correct. This is the main difference between the primary node and all



other nodes in the cluster.

Explanation D. Incorrect. The primary node has read-write capabilities while subsequent nodes only have read access.

PrepLogic Question: [11658-107](#)

9. [Review Question](#) p. 4

Answers: A

Explanation A. Correct. There can only be a single publisher server. 8 subscriber servers can be added but only 4 can process calls. The other 4 subscriber servers are used only in the event of a failure.

Explanation B. Incorrect. The correct answer is 1 publisher and up to 8 subscriber servers. Only four of the subscriber servers can actively process calls at one time.

Explanation C. Incorrect. The correct answer is 1 publisher and up to 8 subscriber servers. Only four of the subscriber servers can actively process calls at one time.

Explanation D. Incorrect. The correct answer is 1 publisher and up to 8 subscriber servers. Only four of the subscriber servers can actively process calls at one time.

PrepLogic Question: [11658-108](#)

10. [Review Question](#) p. 5

Answers: D

Explanation A. Incorrect. Call processing traffic is communicated between the Publisher and subsequent nodes.

Explanation B. Incorrect. Database updates are communicated between the Publisher and subsequent nodes.

Explanation C. Incorrect. This is used for cluster setup between nodes.

Explanation D. Correct. RTP traffic is only between the end nodes (IP phone to IP phone).

PrepLogic Question: [11658-109](#)

11. [Review Question](#) p. 5

Answers: E



Explanation A. Incorrect. Version 6.0 includes 50 starter licenses.

Explanation B. Incorrect. Version 6.0 includes 50 starter licenses.

Explanation C. Incorrect. Version 6.0 includes 50 starter licenses.

Explanation D. Incorrect. Version 6.0 includes 50 starter licenses.

Explanation E. Correct. Version 6.0 includes 50 starter licenses.

Explanation F. Incorrect. Version 6.0 includes 50 starter licenses.

PrepLogic Question: [11658-111](#)

12. [Review Question](#) p. 5

Answers: C

Explanation A. Incorrect. The publisher handles licensing functions.

Explanation B. Incorrect. The publisher handles licensing functions.

Explanation C. Correct. The publisher handles licensing functions. This is because of the read-write capabilities on the database.

Explanation D. Incorrect. The publisher handles licensing functions.

PrepLogic Question: [11658-112](#)

13. [Review Question](#) p. 6

Answers: B, C

Explanation A. Incorrect. The two types of product ID's are Cisco device licenses and Third-party device licenses.

Explanation B. Correct. The two types of product ID's are Cisco device licenses and Third-party device licenses.

Explanation C. Correct. The two types of product ID's are Cisco device licenses and Third-party device licenses.

Explanation D. Incorrect. The two types of product ID's are Cisco device licenses and Third-party device licenses.

Explanation E. Incorrect. The two types of product ID's are Cisco device licenses and Third-party device licenses.



PrepLogic Question: [11658-113](#)

14. [Review Question](#) p. 6

Answers: A

Explanation A. Correct. You need to enter the MAC of the first-node server to successfully register your new licenses on the Cisco website.

Explanation B. Incorrect. You need to enter the MAC of the first-node server to successfully register your new licenses on the Cisco website.

Explanation C. Incorrect. You need to enter the MAC of the first-node server to successfully register your new licenses on the Cisco website.

Explanation D. Incorrect. You need to enter the MAC of the first-node server to successfully register your new licenses on the Cisco website.

PrepLogic Question: [11658-114](#)

15. [Review Question](#) p. 6

Answers: B

Explanation A. Incorrect. The administrator must manually upgrade the 4.x license file.

Explanation B. Correct. This is a manual process to upgrade your 4.x licenses.

Explanation C. Incorrect. 4.x licenses can be upgraded but it is a manual process.

Explanation D. Incorrect. The process is manual using the cisco.com/go/license portal.

PrepLogic Question: [11658-116](#)

16. [Review Question](#) p. 7

Answers: C, D

Explanation A. Incorrect. There is no license administrator component to the CUCM.

Explanation B. Incorrect. There is no upgrade manager component to the CUCM.

Explanation C. Correct. The License manager acts as a broker between the Communications Manager applications that use licensing information.

Explanation D. Correct. The License Server keeps track of the licenses purchased and used.



PrepLogic Question: [11658-117](#)

17. [Review Question](#) p. 7

Answers: B, C

Explanation A. Incorrect. This tool is used to add additional licenses to the CUCM.

Explanation B. Correct. The license unit report tool calculates the number of used and unused licenses.

Explanation C. Correct. This is where you find the tool in GUI.

Explanation D. Incorrect. This is where you find the license calculator.

PrepLogic Question: [11658-118](#)

18. [Review Question](#) p. 7

Answers: B, D

Explanation A. Incorrect. The two supported third-party vendors are HP and IBM.

Explanation B. Correct. The two supported third-party vendors are HP and IBM.

Explanation C. Incorrect. The two supported third-party vendors are HP and IBM.

Explanation D. Correct. The two supported third-party vendors are HP and IBM.

PrepLogic Question: [11658-119](#)

19. [Review Question](#) p. 8

Answers: A, B

Explanation A. Correct. Single site deployments are more likely to reuse a currently implemented voice-mail system. Many older systems support only G.711.

Explanation B. Correct. You can allocate the DSP resources to other voice functions.

Explanation C. Incorrect. G.711 uses more bandwidth than G.729.

Explanation D. Incorrect. The G.711 codec offers no encryption.

PrepLogic Question: [11658-120](#)



20. [Review Question](#) p. 8

Answers: C

Explanation A. Incorrect. This is the distributed call processing model.

Explanation B. Incorrect. There are multiple satisfactory WAN links available for use.

Explanation C. Correct. Survivable Remote Site Telephony keeps remote site phones functional in the event of a WAN failure.

Explanation D. Incorrect. Cisco recommends SRST for remote site DR failover using the centralized call processing model.

PrepLogic Question: [11658-121](#)

21. [Review Question](#) p. 8

Answers: D

Explanation A. Incorrect. The WAN link must have a round trip delay of < 40 ms.

Explanation B. Incorrect. The WAN link must have a round trip delay of < 40 ms.

Explanation C. Incorrect. The WAN link must have a round trip delay of < 40 ms.

Explanation D. Correct. The WAN link must have a round trip delay of < 40 ms.

PrepLogic Question: [11658-122](#)

22. [Review Question](#) p. 9

Answers: B

Explanation A. Incorrect. DNS servers can be configured during the installation process but it is not strongly recommended for all situations.

Explanation B. Correct. NTP synchronizes time on computers across the network. It is vitally important that time be synchronized across the CUCM environment.

Explanation C. Incorrect. DHCP can be configured on the CUCM GUI but it is not necessary for proper use.

Explanation D. Incorrect. CUCM v5 and above use a Linux based operating system.

PrepLogic Question: [11658-123](#)



23. [Review Question](#) p. 9

Answers: D

Explanation A. Incorrect. On subsequent nodes, the NTP client automatically points to the first nodes time.

Explanation B. Incorrect. On subsequent nodes, the NTP client automatically points to the first nodes time.

Explanation C. Incorrect. On subsequent nodes, the NTP client automatically points to the first nodes time.

Explanation D. Correct. On subsequent nodes, the NTP client automatically points to the first nodes time.

PrepLogic Question: [11658-124](#)

24. [Review Question](#) p. 9

Answers: B, D, E

Explanation A. Incorrect. TFTP is not an option.

Explanation B. Correct. SFTP is a retrieval option.

Explanation C. Incorrect. SMB is not a retrieval option.

Explanation D. Correct. Local retrieves the upgrade file from CD/DVD.

Explanation E. Correct. FTP is a retrieval option.

PrepLogic Question: [11658-125](#)

25. [Review Question](#) p. 10

Answers: A, B

Explanation A. Correct. Cisco's Real-time monitoring tool can be used to view installation log files.

Explanation B. Correct. You can view the Install log files using CLI.

Explanation C. Incorrect. The two options to view installation log files are RTMT and CLI.

Explanation D. Incorrect. The two options to view installation log files are RTMT and CLI.



PrepLogic Question: [11658-126](#)

26. [Review Question](#) p. 10

Answers: B

Explanation A. Incorrect. The database used is the Informix Dynamic Server.

Explanation B. Correct. The database used is the Informix Dynamic Server.

Explanation C. Incorrect. The database used is the Informix Dynamic Server.

Explanation D. Incorrect. The database used is the Informix Dynamic Server.

PrepLogic Question: [11658-127](#)

27. [Review Question](#) p. 10

Answers: C

Explanation A. Incorrect. The administrator password is set on the basic install of the first node.

Explanation B. Incorrect. The application user password is set on the basic install of the first node.

Explanation C. Correct. No disaster recovery password is set during the basic install of the first node. This password is entered when configuring subsequent nodes.

Explanation D. Incorrect. The database password is set on the basic install of the first node.

PrepLogic Question: [11658-128](#)

28. [Review Question](#) p. 11

Answers: A

Explanation A. Correct. All the feature services must be activated first.

Explanation B. Incorrect. the GUI is on by default.

Explanation C. Incorrect. It is not necessary to reboot after the install.

Explanation D. Incorrect. While this step should be performed on a daily basis, it is not necessary to get the CUCM to function.



PrepLogic Question: [11658-129](#)

29. [Review Question](#) p. 11

Answers: C

Explanation A. Incorrect. DNS simplifies management because it is easier to remember names than IP addresses.

Explanation B. Incorrect. With DNS, it is much easier to change IP addressing because it is hidden behind the domain name.

Explanation C. Correct. Using DNS can actually add a potential source of failure. If your DNS fails, then normal methods of accessing the CUCM also fail.

Explanation D. Incorrect. It is far easier to remember a domain name than an IP address.

PrepLogic Question: [11658-130](#)

30. [Review Question](#) p. 11

Answers: A, C

Explanation A. Correct. Because no lookup is required, it takes less time to connect.

Explanation B. Incorrect. Management is not improved by removing DNS.

Explanation C. Correct. Using IP addresses takes away a point of failure in the DNS system.

Explanation D. Incorrect. Removing DNS reliance has nothing to do with the type of phone signaling used. Both SCCP and SIP phones can be used with or without DNS.

PrepLogic Question: [11658-131](#)



Explanations: Chapter 2

1. [Review Question](#) p. 12

Answers: C

Explanation A. Incorrect. The Hardware selection displays the server model, type of processors and installed memory.

Explanation B. Incorrect. The network selection displays DHCP, MAC address NIC speed/duplex and IP address information.

Explanation C. Correct. The Hardware selection displays the server model, type of processors and installed memory.

Explanation D. Incorrect. Displays host name, IP address, alias name and node function.

PrepLogic Question: [11658-132](#)

2. [Review Question](#) p. 12

Answers: C

Explanation A. Incorrect. IPSec is a certificate type supported by the CUCM v.6 software.

Explanation B. Incorrect. CallManager is a certificate type supported by the CUCM v.6 software.

Explanation C. Correct. SSL is not a certificate type supported by the CUCM.

Explanation D. Incorrect. CAPF is a certificate type supported by the CUCM v.6 software.

Explanation E. Incorrect. Tomcat is a certificate type supported by the CUCM v.6 software.

PrepLogic Question: [11658-136](#)

3. [Review Question](#) p. 13

Answers: B

Explanation A. Incorrect. Remote Support is if TAC needs root file access for troubleshooting a problem.



Explanation B. Correct. Remote Support is only used by Cisco TAC engineers.

Explanation C. Incorrect. Remote Support is useful only for Cisco TAC engineers.

Explanation D. Incorrect. Remote Support grants root level access.

PrepLogic Question: [11658-137](#)

4. [Review Question](#) p. 13

Answers: B, C

Explanation A. Incorrect. This is not a valid method for connecting to the CUCM through the CLI.

Explanation B. Correct. SSH can be used to access the CLI.

Explanation C. Correct. The console port can be used to access the CLI.

Explanation D. Incorrect. This is not a valid method for connecting to the CUCM through the CLI.

Explanation E. Incorrect. This is not a valid method for connecting to the CUCM through the CLI.

PrepLogic Question: [11658-138](#)

5. [Review Question](#) p. 13

Answers: B

Explanation A. Incorrect. Help is a CLI main menu command.

Explanation B. Correct. Execute is not a CLI main menu command.

Explanation C. Incorrect. Help is a CLI main menu command.

Explanation D. Incorrect. Unset is a CLI main menu command.

PrepLogic Question: [11658-139](#)

6. [Review Question](#) p. 14

Answers: D

Explanation A. Incorrect. The correct command is: "show tech all".



Explanation B. Incorrect. Help is a CLI main menu command.

Explanation C. Incorrect. Help is a CLI main menu command.

Explanation D. Correct. This is the command that TAC will likely ask you for when troubleshooting your CUCM.

PrepLogic Question: [11658-140](#)

7. [Review Question](#) p. 14

Answers: B, C

Explanation A. Incorrect. Users are placed into user groups.

Explanation B. Correct. Users are placed into user groups.

Explanation C. Correct. Roles define the access given to the user group.

Explanation D. Incorrect. Roles are assigned to user groups.

PrepLogic Question: [11658-142](#)

8. [Review Question](#) p. 14

Answers: C

Explanation A. Incorrect. Standard roles and user groups can be modified.

Explanation B. Incorrect. Standard user groups can be copied and modified to create custom user groups.

Explanation C. Correct. Standard roles and user groups cannot be deleted.

Explanation D. Incorrect. Standard roles and user groups can be modified.

PrepLogic Question: [11658-143](#)

9. [Review Question](#) p. 15

Answers: A, D

Explanation A. Correct. Read access only allows the user to view the configuration.

Explanation B. Incorrect. This is not a privilege type.

Explanation C. Incorrect. This is not a privilege type.



Explanation D. Correct. Read and/or update are the two privilege types.

PrepLogic Question: [11658-144](#)

10. [Review Question](#) p. 15

Answers: A, D

Explanation A. Correct. DRS can archive using SFTP or tape backup.

Explanation B. Incorrect. DRS can archive using SFTP or tape backup.

Explanation C. Incorrect. DRS can archive using SFTP or tape backup.

Explanation D. Correct. DRS can archive using SFTP or tape backup.

Explanation E. Incorrect. DRS can archive using SFTP or tape backup.

PrepLogic Question: [11658-146](#)

11. [Review Question](#) p. 15

Answers: A

Explanation A. Correct. The local agent executes backup and restore tasks.

Explanation B. Incorrect. The master agent stores the configuration.

Explanation C. Incorrect. The master agent maintains the scheduled tasks.

Explanation D. Incorrect. The master agent sends executable tasks to archive devices.

PrepLogic Question: [11658-147](#)

12. [Review Question](#) p. 16

Answers: A, D

Explanation A. Correct. A one-way sync from the LDAP directory to the CUCM database is required.

Explanation B. Incorrect. The synchronization is on-way from LDAP to the CUCM.

Explanation C. Incorrect. Authentication is performed independently and against the LDAP directory.

Explanation D. Correct. Authentication is an independent process from the



provisioning process.

PrepLogic Question: [11658-149](#)

13. [Review Question](#) p. 16

Answers: B, C, E

Explanation A. Incorrect. The Catalyst switch does not fill this role for IPT.

Explanation B. Correct. Catalyst switches can provide POE.

Explanation C. Correct. The Catalyst switch can mark traffic for prioritization.

Explanation D. Incorrect. A Catalyst switch does not send IPT traffic to a separate CPU.

Explanation E. Correct. The Catalyst switch allows endpoints to separate IPT and data traffic on different VLANs on a single connection.

PrepLogic Question: [11658-150](#)

14. [Review Question](#) p. 16

Answers: B

Explanation A. Incorrect. A Midspan power injector sits between the LAN switch and endpoint to provide power.

Explanation B. Correct. A Midspan power injector sits between the LAN switch and endpoint to provide power.

Explanation C. Incorrect. A Midspan power injector sits between the LAN switch and endpoint to provide power.

Explanation D. Incorrect. A Midspan power injector sits between the LAN switch and endpoint to provide power.

PrepLogic Question: [11658-151](#)

15. [Review Question](#) p. 17

Answers: D

Explanation A. Incorrect. 802.11d is not a PoE standard.

Explanation B. Incorrect. The Cisco prestandard detection uses a fast link pulse (FLP)



to detect the endpoint device prior to sending any power on the wire.

Explanation C. Incorrect. RFC 1942 is not a PoE standard.

Explanation D. Correct. 802.3af is the IEEE standard for PoE devices.

PrepLogic Question: [11658-152](#)

16. [Review Question](#) p. 17

Answers: C

Explanation A. Incorrect. This command will configure vlan 22 as a regular data vlan.

Explanation B. Incorrect. The command needs to be run on the interface. This command will also configure vlan 22 as a regular data vlan.

Explanation C. Correct. This is the correct command.

Explanation D. Incorrect. The command needs to be run on the interface.

PrepLogic Question: [11658-153](#)

17. [Review Question](#) p. 17

Answers: C

Explanation A. Incorrect. You need the "trust" command at the end of the line.

Explanation B. Incorrect. You need the "trust" command at the end of the line instead of the "cos <value>".

Explanation C. Correct. This is the proper command to trust the CoS sent by endpoint devices such as Cisco phones.

Explanation D. Incorrect. The "cos" at the end of this command is invalid.

PrepLogic Question: [11658-154](#)

18. [Review Question](#) p. 18

Answers: B, D

Explanation A. Incorrect. G.711 runs at 64 kbps.

Explanation B. Correct. This is the "uncompressed" codec supported by all Cisco phones.



Explanation C. Incorrect. G.729 runs at 8 kbps.

Explanation D. Correct. This is the "compressed" codec supported by all Cisco phones.

PrepLogic Question: [11658-155](#)

19. [Review Question](#) p. 18

Answers: D

Explanation A. Incorrect. The service key provides access to available phone services.

Explanation B. Incorrect. The Help key (?) provides online help for the Cisco phone.

Explanation C. Incorrect. The Navigation keys allow for scrolling of text.

Explanation D. Correct. Soft keys activate functions displayed on the corresponding LCD display.

PrepLogic Question: [11658-156](#)

20. [Review Question](#) p. 18

Answers: C, D

Explanation A. Incorrect. All Cisco phones support SCCP.

Explanation B. Incorrect. Skinny is another term for SCCP which is the Cisco proprietary signaling protocol.

Explanation C. Correct. Some older and low-end phones may not support SIP.

Explanation D. Correct. Some older and low-end phones may not support MGCP.

Explanation E. Incorrect. H.323 is not a voice signaling protocol.

PrepLogic Question: [11658-157](#)

21. [Review Question](#) p. 19

Answers: C

Explanation A. Incorrect. The Unified Conference station is a hands-free conference phone.

Explanation B. Incorrect. The ATA is used to connect standard analog phones to the IP



voice network.

Explanation C. Correct. This is a software based application that delivers enhanced telephony support through personal computers.

Explanation D. Incorrect. TelePresence is a voice/video service.

PrepLogic Question: [11658-158](#)

22. [Review Question](#) p. 19

Answers: A

Explanation A. Correct. SRST works with Cisco phones running SIP.

Explanation B. Incorrect. SRST works with Cisco phones running SIP.

Explanation C. Incorrect. SRST works with Cisco phones running SIP.

Explanation D. Incorrect. SRST works with Cisco phones running SIP.

PrepLogic Question: [11658-159](#)

23. [Review Question](#) p. 19

Answers: D

Explanation A. Incorrect. The first file it requests is the SEP<MAC address>.cnf file.

Explanation B. Incorrect. The first file it requests is the SEP<MAC address>.cnf file.

Explanation C. Incorrect. The first file it requests is the SEP<MAC address>.cnf file.

Explanation D. Correct. The first file it requests is the SEP<MAC address>.cnf file.

PrepLogic Question: [11658-160](#)

24. [Review Question](#) p. 20

Answers: A, B, E

Explanation A. Correct. SIP phones learn the softkey sets through the XML file.

Explanation B. Correct. The SEP file is much larger for SIP phones because it contains more configuration information.

Explanation C. Incorrect. The SEP file is much larger for SIP phones because it



contains more configuration information.

Explanation D. Incorrect. Both types need the file.

Explanation E. Correct. SCCP phones do not have this option.

PrepLogic Question: [11658-161](#)

25. [Review Question](#) p. 20

Answers: A

Explanation A. Correct. SIP can used in or out-of-band signaling.

Explanation B. Incorrect. SIP can used in or out-of-band signaling.

Explanation C. Incorrect. SIP can used in or out-of-band signaling.

Explanation D. Incorrect. SIP can used in or out-of-band signaling.

PrepLogic Question: [11658-162](#)

26. [Review Question](#) p. 20

Answers: B

Explanation A. Incorrect. The default template is 2 lines, 4 speed dials.

Explanation B. Correct. The default template is 2 lines, 4 speed dials.

Explanation C. Incorrect. The default template is 2 lines, 4 speed dials.

Explanation D. Incorrect. The default template is 2 lines, 4 speed dials.

Explanation E. Incorrect. The default template is 2 lines, 4 speed dials.

PrepLogic Question: [11658-163](#)

27. [Review Question](#) p. 21

Answers: C

Explanation A. Incorrect. The device pool sets common characteristics easily for groups of CUCM devices.

Explanation B. Incorrect. Device Mobility groups set common characteristics for devices that support mobility.



Explanation C. Correct. The BAT is an easy way to add a large number of IP phones to the CUCM.

Explanation D. Incorrect. You can add a single IP device using the Device menu. This is not a good option to configure many devices at once.

PrepLogic Question: [11658-164](#)

28. [Review Question](#) p. 21

Answers: C

Explanation A. Incorrect. This is a method of finding the MAC address.

Explanation B. Incorrect. This is a method of finding the MAC address.

Explanation C. Correct. This is not a way to determine the MAC address of a Cisco IP phone.

Explanation D. Incorrect. This is a method of finding the MAC address.

Explanation E. Incorrect. This is a method of finding the MAC address.

PrepLogic Question: [11658-165](#)

29. [Review Question](#) p. 22

Answers: C

Explanation A. Incorrect. The correct order is:

1. Activate the DHCP Monitor service.
2. Add and configure the DHCP server.
3. Configure the DHCP subnet.

Explanation B. Incorrect. The correct order is:

1. Activate the DHCP Monitor service.
2. Add and configure the DHCP server.
3. Configure the DHCP subnet.

Explanation C. Correct. This is the proper order for configuring DHCP.

Explanation D. Incorrect. The correct order is:

1. Activate the DHCP Monitor service.
2. Add and configure the DHCP server.
3. Configure the DHCP subnet.



PrepLogic Question: [11658-166](#)

30. [Review Question](#) p. 22

Answers: C

Explanation A. Incorrect. The correct format is user@host.

Explanation B. Incorrect. The correct format is user@host.

Explanation C. Correct. This is the proper SIP URI format.

Explanation D. Incorrect. The correct format is user@host.

PrepLogic Question: [11658-168](#)

31. [Review Question](#) p. 23

Answers: C

Explanation A. Incorrect. The file lists all the audio files that are custom ring options for the IP phones.

Explanation B. Incorrect. The file lists all the audio files that are custom ring options for the IP phones.

Explanation C. Correct. The file lists all the audio files that are custom ring options for the IP phones. Each audio file listed must be in the root directory of the TFTP server.

Explanation D. Incorrect. The file lists all the audio files that are custom ring options for the IP phones.

PrepLogic Question: [11658-169](#)

32. [Review Question](#) p. 23

Answers: A

Explanation A. Correct. Enabling KPML lets the phone send each individual press of the key individually much like a standard analog or SCCP phone.

Explanation B. Incorrect. The correct answer is KPML.

Explanation C. Incorrect. The correct answer is KPML.

Explanation D. Incorrect. The correct answer is KPML.



PrepLogic Question: [11658-170](#)

33. [Review Question](#) p. 23

Answers: B

Explanation A. Incorrect. You can create a BAT for Phones, Gateways and User device profiles.

Explanation B. Correct. You can create a BAT for Phones, Gateways and User device profiles.

Explanation C. Incorrect. You can create a BAT for Phones, Gateways and User device profiles.

Explanation D. Incorrect. You can create a BAT for Phones, Gateways and User device profiles.

PrepLogic Question: [11658-171](#)

34. [Review Question](#) p. 24

Answers: B

Explanation A. Incorrect. The CUCM accepts files in .csv format.

Explanation B. Correct. The CUCM accepts files in .csv format.

Explanation C. Incorrect. The CUCM accepts files in .csv format.

Explanation D. Incorrect. The CUCM accepts files in .csv format.

PrepLogic Question: [11658-172](#)

35. [Review Question](#) p. 24

Answers: A, C, E

Explanation A. Correct. When adding new phones with TAPS, you should use BAT to add new phone configurations with dummy MAC addresses. Once the phone is connected and the user calls the TAPS directory number, the correct MAC addresses is updated.

Explanation B. Incorrect. You can use BAT in conjunction with TAPS.

Explanation C. Correct. This download contains everything the phone needs to function.



Explanation D. Incorrect. TAPS can be used for new installs and reloading configurations.

Explanation E. Correct. The dummy MAC address is updated with the correct address.

PrepLogic Question: [11658-173](#)

36. [Review Question](#) p. 24

Answers: C, D

Explanation A. Incorrect. BAT must be running on the first node.

Explanation B. Incorrect. The TAPS application is run on a separate CRS (Windows) server.

Explanation C. Correct. BAT must be running on the first node.

Explanation D. Correct. The TAPS application is run on a separate CRS (Windows) server.

PrepLogic Question: [11658-174](#)

37. [Review Question](#) p. 25

Answers: C

Explanation A. Incorrect. The MAC address is used.

Explanation B. Incorrect. The MAC address is used.

Explanation C. Correct. The database links the configuration to the phone using the MAC.

Explanation D. Incorrect. The MAC address is used.

PrepLogic Question: [11658-175](#)

38. [Review Question](#) p. 25

Answers: D

Explanation A. Incorrect. This setting must be configured.

Explanation B. Incorrect. This setting must be configured.

Explanation C. Incorrect. This setting must be configured.



Explanation D. Correct. This is not a required setting.

Explanation E. Incorrect. This setting must be configured.

PrepLogic Question: [11658-176](#)



Explanations: Chapter 3

1. [Review Question](#) p. 26

Answers: A

Explanation A. Correct. Path Redundancy is not an element of a dial plan.

Explanation B. Incorrect. You can select different paths to reach the same destination depending on the calling device.

Explanation C. Incorrect. You must assign a directory number to all endpoints.

Explanation D. Incorrect. You can create special groups of devices to handle incoming calls for certain services according to varying rules.

PrepLogic Question: [11658-177](#)

2. [Review Question](#) p. 26

Answers: D

Explanation A. Incorrect. The correct answer is: NXX-NXX-XXXX.

Explanation B. Incorrect. The correct answer is: NXX-NXX-XXXX.

Explanation C. Incorrect. The correct answer is: NXX-NXX-XXXX.

Explanation D. Correct. This is the correct numbering plan.

PrepLogic Question: [11658-178](#)

3. [Review Question](#) p. 26

Answers: C

Explanation A. Incorrect. The correct answer is: N11 N=<2-9>.

Explanation B. Incorrect. The correct answer is: N11 N=<2-9>.

Explanation C. Correct. All service numbers (911, 411, etc) are N11 where N=<2-9>.

Explanation D. Incorrect. The correct answer is: N11 N=<2-9>.

PrepLogic Question: [11658-179](#)



4. [Review Question](#) p. 27**Answers: B****Explanation A.** Incorrect. This numbering assignment is reserved for fictitious numbers to be used in film, education and other uses.**Explanation B.** Correct. These numbers are reserved for TRS which is for deaf, hard-of-hearing or speech impaired persons.**Explanation C.** Incorrect. These numbers are reserved for premium services.**Explanation D.** Incorrect. These numbers are used to identify carrier-specific services for proper routing of inbound international calls.PrepLogic Question: [11658-180](#)5. [Review Question](#) p. 27**Answers: B****Explanation A.** Incorrect. An Auto Attendant allows callers to be automatically transferred to a user's extension without the intervention of a receptionist.**Explanation B.** Correct. DID is when an external user can directly dial an extension of an office with a PBX.**Explanation C.** Incorrect. ETNS is an acronym for the European Telephony Numbering Space.**Explanation D.** Incorrect. A phone directory is a listing of all extensions within a specified domain.PrepLogic Question: [11658-181](#)6. [Review Question](#) p. 27**Answers: A, C, D****Explanation A.** Correct. This is probably the best solution in the long run.**Explanation B.** Incorrect. There is no such option.**Explanation C.** Correct. Digit analysis occurs on a partition level.**Explanation D.** Correct. Adding a prefix digit or two makes it globally unique.**Explanation E.** Incorrect. If overlapping addresses are on the same partition will cause

problems.

PrepLogic Question: [11658-182](#)

7. [Review Question](#) p. 28

Answers: C

Explanation A. Incorrect. DDI removes a portion of the dialed string before passing the number on to the adjacent system.

Explanation B. Incorrect. This option manipulates the numbers that the CUCM sends with each call setup message.

Explanation C. Correct. This is not a digit manipulation option.

Explanation D. Incorrect. This option manipulates dialed digits before the CUCM routes a call.

Explanation E. Incorrect. This option adds digits to the beginning of the number.

PrepLogic Question: [11658-183](#)

8. [Review Question](#) p. 28

Answers: A, C

Explanation A. Correct. This method will hunt through multiple phones, ringing them one at a time until someone answers or reaches the end of the group.

Explanation B. Incorrect. Unity is the voice mail system of CUCM.

Explanation C. Correct. Ringing multiple phones and the first one to answer gets the call.

Explanation D. Incorrect. This is not a call coverage method.

PrepLogic Question: [11658-184](#)

9. [Review Question](#) p. 28

Answers: D

Explanation A. Incorrect. This is a supported trunk type.

Explanation B. Incorrect. This is a supported trunk type.



Explanation C. Incorrect. This is a supported trunk type.

Explanation D. Correct. This is not a supported trunk.

Explanation E. Incorrect. This is a supported trunk type.

PrepLogic Question: [11658-185](#)

10. [Review Question](#) p. 29

Answers: D

Explanation A. Incorrect. The Intercluster gatekeeper-controlled is recommended only when the entire environment is Cisco.

Explanation B. Incorrect. The Intercluster gatekeeper-controlled is recommended only when the entire environment is Cisco.

Explanation C. Incorrect. The Intercluster gatekeeper-controlled is recommended only when the entire environment is Cisco.

Explanation D. Correct. If the entire environment is not Cisco, it is recommend to use H.225 trunks.

PrepLogic Question: [11658-186](#)

11. [Review Question](#) p. 29

Answers: B, C

Explanation A. Incorrect. A SIP trunk can only point to one IP address.

Explanation B. Correct. DNS Service records can provide redundancy for your SIP trunks.

Explanation C. Correct. By configuring multiple individual SIP trunks which are members of the same route groups and route lists, you build redundancy.

Explanation D. Incorrect. There is no such thing as SIP VRRP.

PrepLogic Question: [11658-187](#)

12. [Review Question](#) p. 29

Answers: B

Explanation A. Incorrect. UDP SIP trunk connections are supported.



Explanation B. Correct. RTP SIP trunk connections are not supported.

Explanation C. Incorrect. TLS SIP trunk connections are supported.

Explanation D. Incorrect. TCP SIP trunk connections are supported.

PrepLogic Question: [11658-188](#)

13. [Review Question](#) p. 29

Answers: A

Explanation A. Correct. This command allows you to view call statistics for the trunk configured.

Explanation B. Incorrect. The correct command is: router# show dial-peers voip.

Explanation C. Incorrect. The correct command is: router# show dial-peers voip.

Explanation D. Incorrect. The correct command is: router# show dial-peers voip.

PrepLogic Question: [11658-189](#)

14. [Review Question](#) p. 30

Answers: C

Explanation A. Incorrect. POTS stands for "plain old telephone system". It is an acronym for a standard analog voice line.

Explanation B. Incorrect. Unity is the CUCM voice mail system.

Explanation C. Correct. A voice gateway typically converts IP voice packets to analog signals and vice-versa.

Explanation D. Incorrect. A trunk is a the term for connecting voice systems together.

PrepLogic Question: [11658-190](#)

15. [Review Question](#) p. 30

Answers: C

Explanation A. Incorrect. The correct answer is dual tone multifrequency (DTMF).

Explanation B. Incorrect. The correct answer is dual tone multifrequency (DTMF).



Explanation C. Correct. DTMF uses tones to signal certain functions.

Explanation D. Incorrect. The correct answer is dual tone multifrequency (DTMF).

PrepLogic Question: [11658-191](#)

16. [Review Question](#) p. 31

Answers: D

Explanation A. Incorrect. This is not the correct order for building a route plan.

Explanation B. Incorrect. This is not the correct order for building a route plan.

Explanation C. Incorrect. This is not the correct order for building a route plan.

Explanation D. Correct. This is the proper order for building a route plan.

PrepLogic Question: [11658-192](#)

17. [Review Question](#) p. 31

Answers: A

Explanation A. Correct. Route groups compose of multiple device gateways.

Explanation B. Incorrect. The correct term is route groups.

Explanation C. Incorrect. The correct term is route groups.

Explanation D. Incorrect. The correct term is route groups.

Explanation E. Incorrect. The correct term is route groups.

PrepLogic Question: [11658-193](#)

18. [Review Question](#) p. 32

Answers: C

Explanation A. Incorrect. The correct location is: Call Routing --> Route/Hunt --> Route Group.

Explanation B. Incorrect. The correct location is: Call Routing --> Route/Hunt --> Route Group.

Explanation C. Correct. This is the correct location for Route Group configuration on



the GUI.

Explanation D. Incorrect. The correct location is: Call Routing --> Route/Hunt --> Route Group.

PrepLogic Question: [11658-194](#)

19. [Review Question](#) p. 32

Answers: D

Explanation A. Incorrect. The user will receive a fast busy signal.

Explanation B. Incorrect. The user will receive a fast busy signal.

Explanation C. Incorrect. The user will receive a fast busy signal.

Explanation D. Correct. A fast busy will be sent to the user phone.

PrepLogic Question: [11658-195](#)

20. [Review Question](#) p. 32

Answers: A, B, D

Explanation A. Correct. The correct answers are 1826, 1876 and 1886.

Explanation B. Correct. The correct answers are 1826, 1876 and 1886.

Explanation C. Incorrect. This is not a number that matches this route pattern.

Explanation D. Correct. The correct answers are 1826, 1876 and 1886.

Explanation E. Incorrect. This is not a number that matches this route pattern.

PrepLogic Question: [11658-196](#)

21. [Review Question](#) p. 33

Answers: B

Explanation A. Incorrect: The correct answer is 43376#.

Explanation B. Correct. The ! means one or more digits. The # is just a # symbol on the phone.

Explanation C. Incorrect: The correct answer is 43376#.



Explanation D. Incorrect: The correct answer is 43376#.

PrepLogic Question: [11658-197](#)

22. [Review Question](#) p. 33

Answers: B

Explanation A. Incorrect: The correct answer is 33*44.

Explanation B. Correct. The ^ within the bracket indicates that the following range of numbers is excluded. All other numbers and phone symbols are included.

Explanation C. Incorrect: The correct answer is 33*44.

Explanation D. Incorrect: The correct answer is 33*44.

PrepLogic Question: [11658-198](#)

23. [Review Question](#) p. 33

Answers: B

Explanation A. Incorrect. You need insure to check the "Provide Outside Dial Tone" checkbox.

Explanation B. Correct. The end user needs to be aware that the code they entered was successful and that they should being dialing the outside number. This is typically accomplished by providing a second dial tone.

Explanation C. Incorrect. You need insure to check the "Provide Outside Dial Tone" checkbox.

Explanation D. Incorrect. You need insure to check the "Provide Outside Dial Tone" checkbox.

PrepLogic Question: [11658-199](#)

24. [Review Question](#) p. 34

Answers: A, D

Explanation A. Correct. By entering the # key, the user bypasses the interdigit timeout period.

Explanation B. Incorrect. The user must either stop dialing and wait for the interdigit timeout or press the # key on the dialpad.



Explanation C. Incorrect. The user must either stop dialing and wait for the interdigit timeout or press the # key on the dialpad.

Explanation D. Correct. The interdigit timeout is a period of time where no button presses have occurred. Once this timer has expired, the CUCM assumes that the user is finished dialing.

PrepLogic Question: [11658-200](#)

25. [Review Question](#) p. 34

Answers: A

Explanation A. Correct. This is the default interdigit timeout.

Explanation B. Incorrect. The default timeout is 15 seconds (1500 ms).

Explanation C. Incorrect. The default timeout is 15 seconds (1500 ms).

Explanation D. Incorrect. The default timeout is 15 seconds (1500 ms).

PrepLogic Question: [11658-201](#)

26. [Review Question](#) p. 35

Answers: D

Explanation A. Incorrect. The recommended order is:

1. Add the gateway.
2. Add a route group.
3. Add a route list.
4. Add route patterns.

Explanation B. Incorrect. The recommended order is:

1. Add the gateway.
2. Add a route group.
3. Add a route list.
4. Add route patterns.

Explanation C. Incorrect. The recommended order is:

1. Add the gateway.
2. Add a route group.
3. Add a route list.
4. Add route patterns.

Explanation D. Correct. This is the recommended route configuration order.



PrepLogic Question: [11658-202](#)

27. [Review Question](#) p. 35

Answers: A, B, C

Explanation A. Correct. This is a valid wildcard.

Explanation B. Correct. This is a valid wildcard.

Explanation C. Correct. This is a valid wildcard.

Explanation D. Incorrect. This is not a wildcard character.

Explanation E. Incorrect. This is not a valid wildcard.

PrepLogic Question: [11658-203](#)

28. [Review Question](#) p. 36

Answers: A

Explanation A. Correct. FIFO is not a call distribution algorithm in the CUCM.

Explanation B. Incorrect. This is a call distribution algorithm.

Explanation C. Incorrect. This is a call distribution algorithm.

Explanation D. Incorrect. This is a call distribution algorithm.

Explanation E. Incorrect. This is a call distribution algorithm.

PrepLogic Question: [11658-204](#)

29. [Review Question](#) p. 36

Answers: D

Explanation A. Incorrect. This is not the bolded route filter tag.

Explanation B. Incorrect. This is not the bolded route filter tag.

Explanation C. Incorrect. This is not the bolded route filter tag.

Explanation D. Correct. The country code is bolded in the example.

PrepLogic Question: [11658-205](#)



30. [Review Question](#) p. 36

Answers: B

Explanation A. Incorrect. The correct location is Call Routing --> Translation Pattern.

Explanation B. Correct. This is the correct location for configuring DDI.

Explanation C. Incorrect. The correct location is Call Routing --> Translation Pattern.

Explanation D. Incorrect. The correct location is Call Routing --> Translation Pattern.

PrepLogic Question: [11658-206](#)

31. [Review Question](#) p. 37

Answers: C

Explanation A. Incorrect. The correct answer is Calling party transformations.

Explanation B. Incorrect. The correct answer is Calling party transformations.

Explanation C. Correct. These transformations manipulate the calling party number.

Explanation D. Incorrect. The correct answer is Calling party transformations.

PrepLogic Question: [11658-207](#)

32. [Review Question](#) p. 37

Answers: B

Explanation A. Incorrect. The correct answer is Translation pattern.

Explanation B. Correct. A translation pattern manipulates the dialed digits prior to determining where to route the call.

Explanation C. Incorrect. The correct answer is Translation pattern.

Explanation D. Incorrect. The correct answer is Translation pattern.

PrepLogic Question: [11658-209](#)

33. [Review Question](#) p. 37

Answers: A, B, C

Explanation A. Correct. Calling search spaces can be used to implement CoS restrictions.



Explanation B. Correct. Time-of-day can be used to implement CoS restrictions.

Explanation C. Correct. Partitions can be used to implement CoS restrictions.

Explanation D. Incorrect. Hunt Groups are not used to enforce CoS.

Explanation E. Incorrect. Dial Plans are not used to enforce CoS.

PrepLogic Question: [11658-210](#)

34. [Review Question](#) p. 38

Answers: C

Explanation A. Incorrect. A partition is a group of directory numbers with similar calling accessibility.

Explanation B. Incorrect. The correct term is a calling search space.

Explanation C. Correct. A calling search space determine the partitions that specific devices are capable of reaching.

Explanation D. Incorrect. The correct term is a calling search space.

PrepLogic Question: [11658-211](#)

35. [Review Question](#) p. 38

Answers: B, D, E

Explanation A. Incorrect. Partitions cannot be added to calling search spaces.

Explanation B. Correct. Partitions can be assigned to route patterns.

Explanation C. Incorrect. Partitions cannot be added to classes of control.

Explanation D. Correct. Partitions can be assigned to directory numbers.

Explanation E. Correct. Partitions can be assigned to translation patterns.

PrepLogic Question: [11658-212](#)

36. [Review Question](#) p. 38

Answers: B

Explanation A. Incorrect. The Correct steps and order are:



1. Add new partitions.
2. Select a list of partitions per calling search space.
3. Assign calling search spaces to devices/translation patterns.

Explanation B. Correct. These are the correct order and steps necessary.

Explanation C. Incorrect. The Correct steps and order are:

1. Add new partitions.
2. Select a list of partitions per calling search space.
3. Assign calling search spaces to devices/translation patterns.

Explanation D. Incorrect. The Correct steps and order are:

1. Add new partitions.
2. Select a list of partitions per calling search space.
3. Assign calling search spaces to devices/translation patterns.

PrepLogic Question: [11658-213](#)

37. [Review Question](#) p. 39

Answers: A, C

Explanation A. Correct. This is a method that can be used with time-of-day routing.

Explanation B. Incorrect. This is not a method that can be used.

Explanation C. Correct. This is a method that can be used with time-of-day routing.

Explanation D. Incorrect. This is not a method that can be used.

PrepLogic Question: [11658-214](#)

38. [Review Question](#) p. 39

Answers: C

Explanation A. Incorrect. The time schedule is not activated until it is assigned to a partition.

Explanation B. Incorrect. The time schedule is not activated until it is assigned to a partition.

Explanation C. Correct. A time schedule will not be activated until it assigned to one or more partitions.

Explanation D. Incorrect. The time schedule is not activated until it is assigned to a



partition.

PrepLogic Question: [11658-216](#)

39. [Review Question](#) p. 39

Answers: D

Explanation A. Incorrect. The correct answer is 5553038118.

Explanation B. Incorrect. The correct answer is 5553038118.

Explanation C. Incorrect. The correct answer is 5553038118.

Explanation D. Correct. This is what would be sent by the CUCM after the PreDot discard is performed.

PrepLogic Question: [11658-218](#)



Explanations: Chapter 4

1. [Review Question](#) p. 40

Answers: C

Explanation A. Incorrect. Call admission control controls the actual number of voice calls between two endpoints.

Explanation B. Incorrect. Call admission control controls the actual number of voice calls between two endpoints.

Explanation C. Correct. CAC can actually limit the number of calls between endpoints.

Explanation D. Incorrect. Call admission control controls the actual number of voice calls between two endpoints.

PrepLogic Question: [11658-219](#)

2. [Review Question](#) p. 40

Answers: A, B

Explanation A. Correct. Locations-based CAC provides a simplified CAC for centralized call-processing setups.

Explanation B. Correct. A gatekeeper device provides CAC for a distributed CUCM setup.

Explanation C. Incorrect. The two correct methods are Locations-based and Gatekeeper based CAC.

Explanation D. Incorrect. The two correct methods are Locations-based and Gatekeeper based CAC.

PrepLogic Question: [11658-220](#)

3. [Review Question](#) p. 40

Answers: C, E

Explanation A. Incorrect. The correct answer is 80 kbps.

Explanation B. Incorrect. The correct answer is 80 kbps.

Explanation C. Correct. This is what the CUCM uses as a per-call estimate to calculate



CAC for G.711.

Explanation D. Incorrect. The correct answer is 24 kbps.

Explanation E. Correct. This is what the CUCM uses as a per-call estimate to calculate CAC for G.729.

Explanation F. Incorrect. The correct answer is 24 kbps.

PrepLogic Question: [11658-221](#)

4. [Review Question](#) p. 41

Answers: A, C

Explanation A. Correct. This is what locations define.

Explanation B. Incorrect. This is not what locations define.

Explanation C. Correct. This is what regions define.

Explanation D. Incorrect. This is not what regions define.

PrepLogic Question: [11658-222](#)

5. [Review Question](#) p. 41

Answers: B, D

Explanation A. Incorrect. The two types of registration supported are full and lightweight.

Explanation B. Correct. The two types of registration supported are full and lightweight.

Explanation C. Incorrect. The two types of registration supported are full and lightweight.

Explanation D. Correct. The two types of registration supported are full and lightweight.

PrepLogic Question: [11658-223](#)

6. [Review Question](#) p. 41

Answers: C



Explanation A. Incorrect. The correct answer is RSVP.

Explanation B. Incorrect. The correct answer is RSVP.

Explanation C. Correct. The Cisco RSVP Agent can be associated to the endpoint device by a combination of the device pool, media resource group (MRG), and media resource group list (MRGL) configurations.

Explanation D. Incorrect. The correct answer is RSVP.

PrepLogic Question: [11658-224](#)

7. [Review Question](#) p. 42

Answers: A

Explanation A. Correct. RSVP is stateless.

Explanation B. Incorrect. RSVP is a stateless protocol.

Explanation C. Incorrect. RSVP is not a routing protocol.

Explanation D. Incorrect. RSVP is a Transport layer protocol.

PrepLogic Question: [11658-225](#)

8. [Review Question](#) p. 42

Answers: B, D

Explanation A. Incorrect. The correct answers are path and reservation-request teardown.

Explanation B. Correct. The reservation-request teardown messages delete the reservation state.

Explanation C. Incorrect. The correct answers are path and reservation-request teardown.

Explanation D. Correct. The path teardown messages delete the path state.

PrepLogic Question: [11658-226](#)

9. [Review Question](#) p. 42

Answers: A, B, D



Explanation A. Correct. RSVP can natively work with mesh topologies.

Explanation B. Correct. RSVP works with equal and non-equal-cost paths.

Explanation C. Incorrect. RSVP runs at the network layer.

Explanation D. Correct. RSVP works well with redundant links.

Explanation E. Incorrect. RSVP does nothing to increase the number of calls on a particular link.

PrepLogic Question: [11658-227](#)

10. [Review Question](#) p. 43

Answers: C

Explanation A. Incorrect. Every endpoint requires an RSVP agent.

Explanation B. Incorrect. Every endpoint requires an RSVP agent.

Explanation C. Correct. Every endpoints requires an RSVP agent.

Explanation D. Incorrect. Every endpoint requires an RSVP agent.

PrepLogic Question: [11658-228](#)

11. [Review Question](#) p. 43

Answers: B, D

Explanation A. Incorrect. This is not a midcall failure option of RSVP.

Explanation B. Correct. This is a midcall failure policy option.

Explanation C. Incorrect. This is not a midcall failure option of RSVP.

Explanation D. Correct. This is a midcall failure policy option.

PrepLogic Question: [11658-229](#)

12. [Review Question](#) p. 43

Answers: A

Explanation A. Correct. RSVP is enabled/disabled on location pairs.



Explanation B. Incorrect. The correct answer is:

System --> Location

Explanation C. Incorrect. The correct answer is:

System --> Location

Explanation D. Incorrect. The correct answer is:

System --> Location

PrepLogic Question: [11658-230](#)

13. [Review Question](#) p. 44

Answers: B

Explanation A. Incorrect. The No reservation value means that no RSVP reservations are made between any two locations.

Explanation B. Correct. There is no "Mandatory (Voice Desired)" parameter value.

Explanation C. Incorrect. Using "Mandatory" the CUCM will not ring the called device until an RSVP reservation succeeds for audio and video calls.

Explanation D. Incorrect. Using "Optional (Video Desired)", a call can proceed as best effort for audio only if the RSVP reservation fails for a video call.

PrepLogic Question: [11658-231](#)

14. [Review Question](#) p. 44

Answers: D

Explanation A. Incorrect. Using "Optional (Video Desired), a call can proceed as best effort for audio only if the RSVP reservation fails for a video call.

Explanation B. Incorrect. This parameter sets the retry counter for the RSVP policy.

Explanation C. Incorrect. Using "Mandatory" the CUCM will not ring the called device until an RSVP reservation succeeds for audio and video calls.

Explanation D. Correct. The RSVP Midcall Error Handling parameter can set the call to either be best effort or have the call fail if it cannot reserve the desired bandwidth.



PrepLogic Question: [11658-232](#)

15. [Review Question](#) p. 44

Answers: B

Explanation A. Incorrect. The default is set to: No Reservations.

Explanation B. Correct. This is the default parameter.

Explanation C. Incorrect. The default is set to: No Reservations.

Explanation D. Incorrect. The default is set to: No Reservations.

PrepLogic Question: [11658-233](#)

16. [Review Question](#) p. 45

Answers: B

Explanation A. Incorrect. The correct answer is Media Resources > Music on Hold Server.

Explanation B. Correct. There is a checkbox to enable Multicast for MoH as well as a box for the multicast IP address and port number.

Explanation C. Incorrect. The correct answer is Media Resources > Music on Hold Server.

Explanation D. Incorrect. The correct answer is Media Resources > Music on Hold Server.

PrepLogic Question: [11658-234](#)

17. [Review Question](#) p. 45

Answers: D

Explanation A. Incorrect. CFB is a media resource on the CUCM.

Explanation B. Incorrect. An MoH Server is a media resource on the CUCM.

Explanation C. Incorrect. MTP is a media resource on the CUCM.

Explanation D. Correct. Call Park is not a Media Resource.

Explanation E. Incorrect. ANN is a media resource on the CUCM.



Explanation F. Incorrect. XCODE is a media resource on the CUCM.

PrepLogic Question: [11658-235](#)

18. [Review Question](#) p. 45

Answers: A

Explanation A. Correct. Media Resources on the CUCM provide all transcoding, media termination, annunciation and MoH tools. These services can be shared amongst multiple CUCM servers in a cluster using Media Resource Groups and Media Resource Group Lists.

Explanation B. Incorrect. The correct answer is Media Resources.

Explanation C. Incorrect. The correct answer is Media Resources.

Explanation D. Incorrect. The correct answer is Media Resources.

PrepLogic Question: [11658-236](#)



Explanations: Chapter 5

1. [Review Question](#) p. 46

Answers: A, C, D, E

Explanation A. Correct. Partitions are created using the Wizard.

Explanation B. Incorrect. A Route Filters are not created using the Wizard.

Explanation C. Correct. CSS are created using the Wizard.

Explanation D. Correct. Route Points are created using the Wizard.

Explanation E. Correct. Translation Patterns are created using the Wizard.

Explanation F. Incorrect. A Media Resource group is not created using the Wizard.

PrepLogic Question: [11658-237](#)

2. [Review Question](#) p. 46

Answers: A

Explanation A. Correct. The Cisco Emergency Responder enhances the existing emergency functionality built-in to the Unified Communications Manager.

Explanation B. Incorrect. The Cisco Emergency Responder enhances the existing emergency functionality built-in to the Unified Communications Manager.

Explanation C. Incorrect. Unified MeetingPlace is a conferencing server.

Explanation D. Incorrect. Unified Presence Server collects information about the availability status and communications capabilities of the user.

PrepLogic Question: [11658-238](#)

3. [Review Question](#) p. 47

Answers: D

Explanation A. Incorrect. The correct name for the setup is the Cisco Unified Video Advantage.

Explanation B. Incorrect. The correct name for the setup is the Cisco Unified Video Advantage.



Explanation C. Incorrect. The correct name for the setup is the Cisco Unified Video Advantage.

Explanation D. Correct. The Unified Video Advantage uses a USB camera attached to a PC to allow users to make video calls across the IPT infrastructure.

PrepLogic Question: [11658-239](#)

4. [Review Question](#) p. 47

Answers: A, D

Explanation A. Correct. The user must be in the End User Group.

Explanation B. Incorrect. The User Roll for access to User Options is already in the CUCM by default.

Explanation C. Incorrect. The user does not need to be a CCMAAdministrator.

Explanation D. Correct. The user must be associated to at least one phone.

PrepLogic Question: [11658-240](#)

5. [Review Question](#) p. 47

Answers: B, C, E

Explanation A. Incorrect This is not a valid member state.

Explanation B. Correct An idle member is not serving any calls.

Explanation C. Correct Busy members are unable to accept any calls.

Explanation D. Incorrect. This is not a valid member state.

Explanation E. Correct. Available members are serving one or more active calls but are capable of accepting new calls.

PrepLogic Question: [11658-242](#)

6. [Review Question](#) p. 48

Answers: C

Explanation A. Incorrect. The call distribution algorithm is a component of a line group.



Explanation B. Incorrect. The RNAR is a component of a line group. It is a timeout value for determining when and how to handle calls that go unanswered.

Explanation C. Correct. There is no component for line group users in the CUCM.

Explanation D. Incorrect. Hunt options are a component of a line group. They give the CUCM the ability to roll past members who are busy or unavailable.

Explanation E. Incorrect. Line group members are a component of a line group.

PrepLogic Question: [11658-243](#)

7. [Review Question](#) p. 48

Answers: A, D, E

Explanation A. Correct. This is a hunt group member state when nobody answers a phone after a defined number of rings.

Explanation B. Incorrect. This is not a hunt group member state.

Explanation C. Incorrect. This is not a hunt group member state.

Explanation D. Correct. This is a hunt group member state when the line is already in use.

Explanation E. Correct. This is a hunt group member state when the phone is logged off the network.

PrepLogic Question: [11658-244](#)

8. [Review Question](#) p. 48

Answers: D

Explanation A. Incorrect. The next member to be dialed is member 4.

Explanation B. Incorrect. The next member to be dialed is member 4.

Explanation C. Incorrect. The next member to be dialed is member 4.

Explanation D. Correct. The next member to be dialed is member 4.

PrepLogic Question: [11658-245](#)

9. [Review Question](#) p. 49



Answers: A, C, E

Explanation A. Correct. This setting indicates a single DN to forward calls to.

Explanation B. Incorrect. This is not a CUCM setting.

Explanation C. Correct. This setting enables the call forward no coverage (CFNC) settings for the original called number.

Explanation D. Incorrect. This is not a CUCM setting.

Explanation E. Correct. Correct this setting applies to all devices that are using the directory number.

PrepLogic Question: [11658-246](#)

10. [Review Question](#) p. 49

Answers: C, D

Explanation A. Incorrect. VM ports are configured in the Wizard.

Explanation B. Incorrect. This step is performed after the Wizard is complete.

Explanation C. Correct. The voicemail directory ports must be in a separate partition.

Explanation D. Correct. A separate CSS must be created for the voicemail partition.

PrepLogic Question: [11658-247](#)

11. [Review Question](#) p. 49

Answers: A, B, D

Explanation A. Correct. A dial number is required. This is where the call sits while being parked.

Explanation B. Correct. If you want to use a partition to restrict access to the call park numbers, choose the desired partition from the drop-down list box. If you do not want to restrict access to the call park numbers you must choose "None".

Explanation C. Incorrect. This is not a requirement for configuring a Call Park.

Explanation D. Correct. You must choose a CUCM to which these call park numbers apply.

Explanation E. Incorrect. While you can enter a description, it is not required.



PrepLogic Question: [11658-248](#)

12. [Review Question](#) p. 50

Answers: D

Explanation A. Incorrect. These features require shared line phones.

Explanation B. Incorrect. These features require shared line phones.

Explanation C. Incorrect. These features require shared line phones.

Explanation D. Correct. Barge, Privacy, and Privacy on Hold features assist with users that share dial-numbers across multiple phones.

PrepLogic Question: [11658-249](#)

