

Exam : Cisco 642-143

**Title : Communications IP
Telephony Express Exam**

Version : Demo

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1. What three methods can be used to configure users in CUE?

- A. user importation from the Microsoft Exchange server
- B. CUE Initialization Wizard
- C. CLI as a user
- D. CLI as an administrator
- E. GUI web pages

Answer: BDE

2. Which user configuration method will allow specific users to be imported into CUE from CME?

- A. CUE Initialization Wizard
- B. CLI as a user
- C. CLI as an administrator
- D. GUI web pages

Answer: A

3. When the AIM-CUE is being used, where do log messages go if the log file is full?

- A. The initial log file is named message.log.prev, and a new file named message.log is started.
- B. Once the log file is full, the oldest log entries are dropped to make space for new entries.
- C. When the log file becomes full, it is automatically copied to an external server and a new message.log file is started.
- D. Once the log file becomes full, it stops logging new messages and the new log messages are lost.

Answer: D

4. You have configured a new user in CUE, but when you use the command show user detail username BSmith you see an error in the E.164 phone number. What two steps are required to resolve this issue?

(Choose two.)

- A. The username BSmith needs to be deleted, and then the user needs to be reentered with the correct E.164 phone number.
- B. The username edit command needs to be used to correct the E.164 number.
- C. The mailbox BSmith can be edited with the mailbox BSmith command.

D. The no voicemail mailbox owner username BSmith command needs to be executed.

Answer: AD

5. You have configured the MWI on /off values in CME. You will be using 8000 for MWI on and 8001 for MWI off. Your extensions use four digits. From the following configuration snip, why are the MWI lights not illuminated when there is a message in the mailbox?

```
CME# show running-config
!
!
ephone-dn 51
number 8000
mwi on
!
ephone-dn 52
number 8001
mwi off
!
end
```

- A. The MWI configuration is correct in CME. MWI extensions must be incorrect in CUE.
- B. The ephone-dn must match the extension numbers for MWI to operate correctly.
- C. The extension numbers are not the right length in the number command. They should be 8000.... and 8001.... .
- D. The MWI on/off should be associated with ephone-dns.

Answer: C

6. You wish to verify that the pilot point number has been configured correctly in your CUE module. Using the show ccn trigger command provides the following output:

cue-10-0-0# show ccn trigger

Name: 6800

Type: SIP

Application: voicemail

Locale: en_US

Idle Timeout: 5000

Enabled: yes

Maximum number of sessions: 8

Name: 6700

Type: SIP

Application: autoattendant

Locale: en_US

Idle Timeout: 5000

Enabled: yes

Maximum number of sessions: 8

cue-10-0-0#

What pieces of information can you derive from this output? (Choose two.)

- A. The voice-mail pilot point number is 6800.
- B. The number of ports available is 16.
- C. The idle timeout is 5 seconds.
- D. The operator can be reached at extension 6800.
- E. The voice-mail application is enabled.

Answer: AE

7. From the following command snip, which command is missing for a first time backup?

```
CUEModule# offline
```

```
!!! WARNING !!! Putting the module offline will terminate all active calls
```

```
Do you wish to continue[n]? y
```

```
cue(offline)# backup category all
```

```
cue(offline)# continue
```

- A. The command to identify the FTP server has not been set to where the backup will be written.
- B. The reload command must be issued prior to issuing the continue command.
- C. The online command must be issued to bring CUE back on line.
- D. The backup category all command should not be initiated for a backup, only the data command.

Answer: A

8. When a CUE module is restored from a backup server, to what location are the configuration files restored?

- A. They are copied back to the router FLASH memory, and then the CUE module boot loader copies them either to the AIM or the NM modules.
- B. The files are copied directly to either the CUE AIM or the NM.
- C. The files are copied to the router FLASH memory.
- D. The files are copied to the CUE AIM or the NM and a copy is placed in the router FLASH memory.

Answer: B

9. You need to configure your single button IP phones so they can answer both internal calls to their 4 digit extension and also their DID number. Which of the following ephone-dn configurations should you use?

- A. Ephone-dn 10
Number 2000 mask 408555xxxx
- B. Ephone-dn 10 dual-line
Number 2000
DID 4085552000
- C. Ephone-dn 10 dual-line
Number 2000 secondary 4085552000
- D. Ephone-dn 10
Number 2000 DID 4085552000

Answer: C

10. Which three of the following tasks must be completed in a partially automated setup for phones to be able to register with CallManager Express? (Choose three.)

- A. Enable downloading of the firmware of each phone type, using the tftp-server command.
- B. Associate each phone type with a firmware file, using the load command.
- C. Configure an ephone for each phone that will be registering with CallManager Express.
- D. Configure the maximum number of ephones the CallManager Express will support.
- E. Configure the keepalive timer.
- F. Configure the dial plan-pattern to associate extensions with fully qualified E.164 numbers.

Answer: ABD

11. Which technology is used to provide both an auxiliary VLAN and a native VLAN capability between a Cisco switch and a Cisco IP phone through a single port?

- A. 802.1q
- B. 802.3
- C. 802.1p
- D. CDP
- E. FDDI

Answer: A

12. Refer to the exhibit. Which two of the following statements are true? (Choose two.)

```
dial-peer cor custom
name Emergency
name Local
name LD
name Manager

dial-peer cor list Emergency
member Emergency

dial-peer cor list Local
member Local

dial-peer cor list LD
member LD

dial-peer cor list Executive
member Manager

dial-peer cor list Lobby
member Emergency

dial-peer cor list Staff
member Emergency
member Local
member Local

dial-peer cor list Manager
member Emergency
member Local
member LD
member Manager

dial-peer voice 100 pots
corlist outgoing Emergency
destination-pattern 911
no digit-strip
direct-inward-dial
port 1/0:23

dial-peer voice 101 pots
corlist outgoing Local
destination-pattern 9[2-9].....
direct-inward-dial
port 1/0:23

dial-peer voice 102 pots
corlist outgoing LD
destination-pattern 91[2-9]..[2-9].....
forward-digits 11
direct-inward-dial
port 1/0:23

ephone-dn 10
number 1010
corlist incoming Lobby

ephone-dn 11
number 1011
corlist incoming Staff

ephone-dn 12
number 1012
corlist incoming Manager

ephone-dn 13
number 1013
corlist outgoing Executive
```

- A. Extension 1010 will be able to call 911 but will not be able to call other IP phones.
- B. Only extension 1012 will be able to call extension 1013.
- C. Extension 1013 will be able to call all numbers.
- D. Extension 1012 can only be called by Executives or external callers.

Answer: BC

13. What protocol is used to communicate the Voice VLAN ID (VVID) to a Cisco IP phone when the IP phone first powers up?

- A. CDP
- B. TFTP
- C. IP
- D. TCP
- E. RTCP

Answer: A

14. Which two of the following must be configured to allow users to blind transfer calls to both internal and PSTN numbers using H.450.2 supplementary services? (Choose two.)

- A. transfer-pattern .T
- B. transfer-system full-blind
- C. supplemental service h.450.2
- D. allow-connections h323 to h323

Answer: AB

15. Incoming calls to your store are answered by the front desk. Calls are parked at an extension, and an announcement is made for an employee in the appropriate department to pickup the call. The accounting department has been extremely busy, and you wish to be able to park up to 5 simultaneous calls for this department on extension 102. How can you accomplish this?

- A. Add four additional park-slots under the existing ephone-dn for extension 102.
- B. Add four additional ephone-dns and configure each with number 102 and a park-slot.
- C. Add four additional ephone-dns with unique numbers and set call-forward busy to roll to the next available park extension.
- D. Add four additional ephone-dns with unique numbers and configure a hunt group to roll to the next available park extension.

Answer: B

16. A user dials 95551234. Which of the following configurations will send the digits 4085551234 to the PSTN?

- A. dial-peer voice 1 pots
destination-pattern 9555....
prefix 408
port 1/0:23
- B. dial-peer voice 1 pots
destination-pattern 9555....
forward-digits 10
port 1/0:23

C. num-exp 555.... 408555....

dial-peer voice 1 pots

destination-pattern 9555....

port 1/0:23

D. translation-rule 5

rule 1 ^9555 408555

dial-peer voice 1 pots

destination-pattern 9555....

translate-outgoing called 5

forward-digits all

port 1/0:23

Answer: D

17. What is the purpose of a voice codec? (Choose two.)

A. reduce bandwidth requirements

B. improve signal to noise characteristics

C. improve voice quality

D. approximate an audio wave in digital form

Answer: AD

18. Which of the following are functions of an IP voice gateway? (Choose two)

A. translate analog voice to packetized voice

B. provide call admission control

C. provide far-end call control

D. transition call path between different networks

Answer: AD

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