

# CCNA Voice Bible (640-460) &ndash; EPhone

Question 1 Refer to the exhibit.

UCME#show ephone

ephone-1 Mac:0000.94C2.8A44 TCP socket:[2] activeLine:0

REGISTERED in SCCP ver 1 1 and Server in ver 8 mediaActive:0 offhook:0 ringing:0 reset:0 reset\_sent:0 paging 0 debug:0

caps:8 IP:10.3.130.10 50374 Telecaster 7960 keepalive 4 max\_line 6 button 1: dn 1 number 5001

CH1&#160;&#160;&#160; IDLE&#160;&#160;&#160; CH2&#160;&#160;&#160; IDLE&#160;&#160;&#160; mwi button

2: dn 3 number 5010 CH1&#160;&#160;&#160; IDLE&#160;&#160;&#160; CH2&#160;&#160;&#160; IDLE ephone-2

Mac:0003.E3C4.463C TCP socket:[-1] activeLine:0 DECEASED mediaActive:0 offhook:0 ringing:0 reset:0 reset\_sent:0

paging 0 debug:0 caps:7 IP:10.3.130.12 49939 Telecaster 7960 keepalive 5162 max\_line 6 button 1: dn 2 number 5002

CH1&#160;&#160;&#160; DOWN&#160;&#160;&#160; CH2&#160;&#160;&#160; DOWN button 2: dn 3 number 5010

CH1&#160;&#160;&#160; IDLE&#160;&#160;&#160;&#160;&#160; CH2&#160;&#160;&#160;&#160;&#160; IDLE&#160;&#160;&#160;&#160;&#160; shared

What information can be gleaned from the output of the show ephone command? A.

There are two registered IP phones. Shared number 5010 on line 2. Message waiting on line 1 of phone 1. B. There are two

registered IP phones. Shared number 5010 on line 2. Message waiting on shared line. C. There are two IP phones. Phone 2 is

unregistered. Shared number 5010 on line 2. Message waiting on shared line. D. There are two IP phones. Phone 2 is unregistered.

Shared number 5010 on line 2. Message waiting on line 1 of phone 1. E. There are two IP phones. Phone 2 is unregistered. Shared

number 5010 on line 2 of phone 2. Message waiting on line 2 of phone 1. Answer: D Explanation: The first Ephone's status

(ephone-1) is REGISTERED so we can confirm this ephone has been registered. The second one (ephone-2) shows DECEASED, it

means that the CME router has lost connectivity with this IP Phone through a TCP keepalive failure. Notice: The status

UNREGISTERED indicates the CME router closed the connection to the IP phone in a normal manner. Question 2 Refer to the

exhibit.

telephony-service no auto-reg-ephone max-ephones 2 max- dn 10 ip source-address

10.3.130.1 port 2000 max-conferences 8 gain -6 moh music-on-hold.au multicast moh 239.1.1.1 port 2000

transfer-system full-consult create cnf-files version-stamp Jan 01 2002 00:00:00 ! ! ephone-dn 1 dual-line

number 5001 ! ephone-dn 5 number 5000 park-slot timeout 10 limit 3 notify 5001 ! ! ephone

1 mac-address 0014.1CBC.E179 button 1:1 The configuration for Call Park has been performed by a colleague

before going on vacation. Users are complaining that the Call Park softkey does not appear on their phones. What can rectify this

issue? A. The park-slot number ephone-dn 5 needs to be added as a line to one of the ephone 1 buttons. B. The phones need to be

restarted. C. The park-slot number should be outside the range of 5XXX numbers. D. The call-park command enable needs to be

added under telephony-service. Answer: B Question 3 Refer to the exhibit.

ephone-dn 21 number 2001

paging ip 239.0.1.21 port 2000 ephone-dn 22 number 2002 paging ip 239.0.2.22 port 2000 <

**missing-command** > ephone 1 paging-dn 20 ephone 2 paging-dn 20 ephone 3 paging-dn 21

ephone 4 paging-dn 21

When a call is placed to 2000, phones 1 and 2 are paged. A call to 2001 pages phones

3 and 4. What command is missing so that a call to 2002 pages all four phones? A. Paging group 20 21 B. Paging group 10 20 30

40 C. Paging group all D. Paging group 2000 2001 2002 E. Paging group ephones-all Answer: A Explanation: In fact, the

exhibit should show the configuration of ephone-dn 20, something like this: ephone-dn 20 number 2000 paging ip 239.0.1.21

port 2000 To page all four phones which belong to group 20 & 21, we just need to assign these two groups to a number. The full

command is: CME\_Voice(config-ephone-dn)# paging group 20,21 **Notice:** - We don't need to assign any ephones to paging-dn 22

because this ephone-dn represents a group of both paging-dns 20 and 21. - The IP address that follows the **paging** command is a

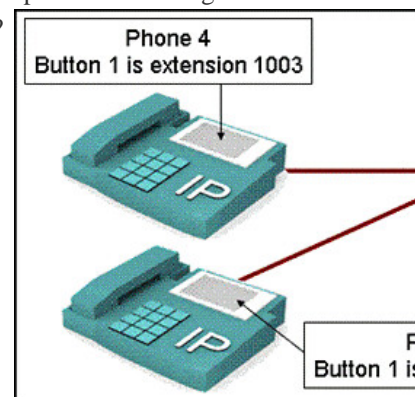
multicast address. Question 4 Which ephone-dn type does the exhibit represent? A. Shared ephone-dn B. Overlaid ephone-dn

C. Dual-line ephone-dn D. Single-line ephone-dn E. Dual-number ephone-dn F. Two ephone-dns with one number Answer: A

Explanation: Shared line (or shared ephone-dn) means that we assign the same ephone-dn to multiple ephones. Incoming calls to

number 1006 will ring on both phones. Question 5 Which ephone-dn type does the exhibit represent?

Phone 4
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A. Shared ephone-dn B. Overlaid ephone-dn C. Dual-line ephone-dn D. Single-line ephone-dn E. Dual-number ephone-dn  
F. Two ephone-dns with one number Answer: F