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# 642-145

## Cisco

*Implementing Cisco IOS Unified Communications Part 2 (IUC2)*

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<b>Exam Name:</b>	<b>Implementing Cisco IOS Unified Communications Part 2 (IUC2)</b>		
<b>Exam Type:</b>	<b>Cisco</b>		
<b>Exam Code:</b>	<b>642-145</b>	<b>Total Questions:</b>	<b>80</b>

**Question: 1**

What is the best practice of configuring an intercom on a shared line?

- A. this feature allows all endpoints to participate in intercom messages.
- B. this feature can be used only when the intercomephone-dn is configured as a dual line
- C. this feature is not supported and should not be used
- D. this feature can be supported only in a unidirectional manner.
- E. this feature allows one endpoint to contact multiple endpoints simultaneously

**Answer: C**

**Question: 2**

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

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

**Answer: C, D**

**Question: 3**

You work as an administrator at Company.com. you study the exhibit carefully. What type of calls can the ephone with extension 2151 make?

Exhibit:

**\*MISSING\***

- A. no impact on out going calls. however, in coming calls will not be permitted to extension 2151 unless cor list is configured on the ephone-dn
- B. only us calls
- C. all calls
- D. internal and emergency calls only, because of the default cor restriction.
- E. none

**Answer: C**

**Question: 4**

You work as an administrator at Company.com. you study the exhibit carefully. a user at acme co. reports that when some one leaves a voice-mail message, their mwi does not light up. the administrator has checked the mwi configuration in cisco unified communications manager express and found that the mwi on number is 9001 and the mwi off number is 9000. using the trace output from the cisco unity express module, what is the problem?

Exhibit:

**\*MISSING\***

- A. the mwi on number configuration is incorrect in cisco unity express
- B. the ccn subsystem sip is incorrect in cisco unity express.
- C. the mwi off number configuration is incorrect in cisco unity express

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- D. the sip is misconfigured in cisco unified communications manager express
- E. the mwi application is not enabled

**Answer: A**

**Question: 5**

You work as an administrator at Company.com. you study the exhibits carefully. This proposed configuration is meant to forward calls to extension 9999 when extension 2001 is busy. which configuration command will most likely to be edited for this to function properly?

Exhibit#1:

```
TestKing3# show voice register global
...
Mood is cme
Max-pool is 16
Max-dn is 32
Source-address is 10.0.2.4 port 5060
Load 7960-40 is P0S3-07-4-07
Time-format is 12
Date-format is M/D/Y
Time-zone is 5
Hold-alert is disabled
Mwi stutte is disabled
Mwi registration for full E.164 is disabled
Dst auto adjust is enabled
...
```

Exhibit#2:

```
Configuration

voice register pool 32
  type 7960
  number 1 2001
  call-forward busy 9999 mailbox 1234

voice register pool 3
  id network 10.2.161.0 mask 255.255.255.0
  number 1 95... preference 1
  cor outgoing call95 95011
  max registrations 5
  voice-class codec 1
```

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- A. max registrations
- B. id network mask
- C. mailbox
- D. voiceregisterpool

**Answer: D**

**Question: 6**

You work as an administrator at Company.com. you study the exhibit carefully. When two separate calls, fxo and pri, arrive at the following cisco unified communications manager express router, which statement about call behavior is true?  
Exhibit:

```

ccntroller T1 0/2/0
 framing esf
 linecode b8zs
 pri-group t.meslots 1-4,24
 |
vcice-port 0/1/0
connection plar 2151
|
vcice-port 0/2/0:23
|
dial-peer vcice 50 pots
 incoming called-number .%
 port 0/1/0
|
dial-peer vcice 123 pots
ir.coming called-number .
drect-inward-dial

```

- A. the pri call matches dial-peer50pots, the fxo call matchessedial-peer123pots ,and both calls succeed.
- B. the fxo call matches dial-peer50pots,the pri call matches dial-peer123pots,andbothcalls succeed
- C. the fxo call matches dial-peer50pots, and the pri call matchesdial-peer123pots , but both calls fail due to misconfiguration
- D. the fxo call matches dial-peer50pots and succeeds, and the pri call matchesdial-peer123pots , but it fails due to a missing port statement.
- E. the pri call matches dial-peer50pots and succeeds, and the fxo call matchesdial-peer123pots , but it fails due to a missing port statement.

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**Answer: B**

**Question: 7**

You work as an administrator at Company.com. you study the exhibit carefully. when a message is left at extensionephone-dn1, the message is left successfully, however the mwi light does not come on. which configuration command resolves this issue?

Exhibit:

```

voice register global
mode cme
source-address 10.1.150.1 port 5060
max-dn 10
max-pool 4
load 7961 SIP41.8-3-4SR1S
voicemail 2190
▼ate profile sync is 0164145526104016
|
voice register pool 1
number 2103
call-forward b2bua noan 2190 timeout 6
mwi
|
voice register pool 1
id mac 001E.BE90.BE8D
type 7961
number 1 dn 1
dtmf-relay rtp-nte
codec g711ulaw
no vad
|
sip-ua
| mwi-server ipw:10.1.4.2 expires 3600 port 5060 transport udg
|
ephone-dn 1 dual-line
number 2102
call-forward noan 2190 timeout 6
|

```

- A. the command mwi sip is missing under ephone-dn 1.
- B. the command mwi sip is missing under voiceregisterpool 1
- C. must configure two ephone-dns for mwi on and mwi off
- D. the command mwi is missing under voice register global
- E. the command mwi is missing under ephone-dn1

**Answer: A**

**Question: 8**

You work as an administrator at Company.com. you study the exhibit carefully. Cisco unity express is not registered to a cisco unified messaging gateway. what is causing this condition?

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Exhibit:

```

CUE1# sh messaging-gateway
messaging gateways :

***Output omitted***

Primary messaging gateway :
 10.1.1.10
 Status : Not Registered
 Location-id : 10
 Reg-id : CME1
 Reg-password : (Not displayed)
 Retry-interval : 5 minute(s)

Secondary messaging gateway :
 Status : Not Configured

CUE1# sh running-config
Generating configurations:
*** Output omitted ***

network location id "11"
 abbreviation "CME1"
 email domain 192.168.1.10
 name "CME1"
 voicemail extension-length min 4 max 8
 end location

network location id "12"
 abbreviation "CME2"
 email domain 192.168.2.10
 name "CME2"
 voicemail extension-length min 4 max 8
 end location

network local location id 11

security password lockout policy temp-lock
security pin lockout policy temp-lock
service phone-authentication
 end phone-authentication

service voiceview
 enable
 end voiceview

messaging-gateway primary 10 10.1.1.10
 username CME1 password encrypted
 "J3+tr 2 3 9 7 *E S S 1 a s e f G W T Y H f m P s d 8 z Z N g d + Y 9 J 3 x 1
 k 2 B 3 5 j 0 n f G W T Y H f m P s d 8 Z Z N g d + Y 9 J 3 x 1
 j 0 n f G W T Y H f m P"
 end messaging-gateway

```

- A. email domains are not on the same subnet.
- B. local location id should be changed to be "10"
- C. cisco unified messaging gateway location is not defined
- D. the messaging- gateway registration command is not configured
- E. voiceview cannot be enabled.

**Answer: D**

**Question: 9**

You work as an administrator at Company.com. you study the exhibit carefully. Which command can be used to override all the blocked patterns in the after-hours configuration?

Exhibit:

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```

company3(config)#telephony-service
company3(config-telephony)#after-hours day mon 17:00 08:00
company3(config-telephony)#after-hours day tues 17:00 08:00
company3(config-telephony)#after-hours day wed 17:00 08:00
company3(config-telephony)#after-hours day thurs 17:00 08:00
company3(config-telephony)#after-hours day fri 17:00 08:00
company3(config-telephony)#after-hours day sat 17:00 08:00
company3(config-telephony)#after-hours day sun 17:00 08:00
company3(config-telephony)#after-hours block pattern 9011T 7-24
company3(config-telephony)#after-hours block pattern 91[2-9]..[2-9]....
company3(config-telephony)#after-hours block pattern 919[0,7][0,6]..... 7-24
company3(config-telephony)#after-hours block pattern 9[2-9]..[2-9]....

```

- A. configure the pin command under theephone command
- B. configure the after- hours exempt and pin commands under theephone-dn command
- C. configure the after- hours exempt command under theephone-dn command
- D. configure thenoafter-hours block pattern command under the ephone command.

**Answer: C**

**Question: 10**

Which pre configuration task is necessary for voiceview express?

- A. ensure that all phones that are owned by the jtapi user point to the authentication server url on cisco unity express.
- B. ensure that the authentication server url points to cisco unity express
- C. ensure that all phones point to the authentication server url owned by cisco unity express
- D. ensure that authentication server is owned by the jtapi user on cisco unity express

**Answer: B**

**Question: 11**

Which port type must be connected to the fax device for the cisco unified communications manager express to support fax pass -through, t.38, and cisco fax relay?

- A. ata
- B. fxs
- C. fxo
- D. fax

**Answer: B**

**Question: 12**

You work as an administrator at Company.com. you study the exhibit carefully. The transcoder is not active and is not registered with cisco unified communications manager express. which three commands must be edited or added to for the transcoder to register properly with cisco unified communications manager express? (choose three.)

Exhibit:



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