

# 642-437<sup>Q&As</sup>

Implementing Cisco Unified Communications Voice over IP and QoS  
v8.0 (CVOICE v8.0)

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#### QUESTION 1

Which type of North American Numbering Plan number code is used to designate a number for special purposes?

- A. easily recognizable codes
- B. carrier identification codes
- C. service codes
- D. Automatic Number Identification II digits

Correct Answer: A

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#### QUESTION 2

When you configure a VoIP dial peer, which command should be used to configure the remote gateway with the destination IPv4 address 172.16.1.118?

- A. session target ipv4:172.16.1.118
- B. remote target ipv4:172.16.1.118
- C. destination address 172.16.1.118
- D. destination ipv4:172.16.1.118

Correct Answer: A

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#### QUESTION 3

During the boot process, which server does a Cisco IP phone receive its IP address information from?

- A. TFTP server
- B. NTP server
- C. Cisco Unified Communications Manager Express router
- D. DHCP server

Correct Answer: D

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#### QUESTION 4

What are the three acceptable values for one-way delay, jitter, and packet loss in a VoIP network? (Choose three.)

- A. 0-400 ms for delay

- B. 1 packet loss
- C. 20 ms for jitter
- D. 0-150 ms for delay
- E. 1 percent packet loss
- F. 30 ms for jitter

Correct Answer: AEF

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#### QUESTION 5

What is a Cisco Voice Gateway feature that enables class of service or calling privileges to be assigned?

- A. COR
- B. dial peer
- C. partition
- D. calling search space

Correct Answer: A

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#### QUESTION 6

When Cisco Unified Communications Manager Express is used, which type of files are used to enable phone displays and operations?

- A. phone GUI files
- B. phone firmware files
- C. Unified Communications Manager Express basic files
- D. Unified Communications Manager Express TSP archive files

Correct Answer: B

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#### QUESTION 7

In which situation would an administrator configure telephony services, but not configure any individual ephones?

- A. Phones that are controlled by Cisco Unified Communications Manager Express
- B. Cisco Unified Communications Manager SRST fallback
- C. Cisco Unified Communications Manager Express with HSRP

- D. Remotely located phones that are controlled by a third-party PBX
- E. This is not a valid scenario. Ephones are always required.

Correct Answer: B

Explanation: When a phone registers for SRST service with a Cisco Router and the router discovers that the phone was configured with a specific extension number, the router searches for an existing prebuilt ephone-dn with that extension number and then assigns that ephone-dn number to the phone. If there is no prebuilt ephone-dn with that extension number, the system automatically creates one. In this way, extensions without prebuilt configurations are automatically populated with extension numbers and features as the numbers and features are "learned" by the Cisco router in SRST mode when the phone registers to the router after a WAN link fails.

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucme/admin/configuration/guide/cmestst.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cucme/admin/configuration/guide/cmestst.html)

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### QUESTION 8

Which three IOS commands are used by Cisco Unified Communications Manager Express for digit manipulations? (Choose three.)

- A. prefix digits
- B. session target
- C. forward-digit numbers
- D. num-exp match
- E. no dtmf-relay
- F. target session

Correct Answer: ACD

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### QUESTION 9

What do you use an FXS for?

- A. an analog telephone
- B. a PBX
- C. an IP phone
- D. an E1

Correct Answer: A

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### QUESTION 10

Which address type would Session Initiation Protocol address user@cisco.com classify as?

- A. E.164
- B. mixed format
- C. username at a fully qualified domain name
- D. email

Correct Answer: C

### QUESTION 11

Refer to the exhibit.

```
!
telephony-service
max-ephones 6
max-dr 12
max-conferences 8 gain -6
transfer-system full-consult
!
```

Cisco Unified Communications Manager Express has been partially configured to support 6 IP phones and 12 directory numbers. The Cisco Unified Communications Manager Express will use the IP address 10.1.130.1/24. Which two elements of the configuration are missing from the command output and need to be added so that phones do not auto-register, but can manually register with Cisco Unified Communications Manager Express? (Choose two.)

- A. ip address 10.1.130.1
- B. no reg-ephone
- C. create profile
- D. ip source-address 10.1.130.1
- E. create cnf-files
- F. no auto-reg-ephone

Correct Answer: DF

Explanation: To identify the IP address and port through which IP phones communicate with a CiscoUnifiedCME router, use the ip source-address command in telephony-service or group configuration mode. This command enables a router to receive messages from CiscoUnifiedIPphones through the specified IP address and port. The CiscoUnifiedCME router cannot communicate with CiscoUnifiedCME phones if the IP address of the port to which they are attached is not configured.

Normally when you configure basic telephony-service parameters, then phone can register with CME although no DN will be assigned to them. You can disable this by using the no auto-reg- ephone command. After this command the phone which will try to register will receive message "Registration Rejected: No configuration entry.....".. When automatic registration is blocked, CiscoUnifiedCME records the MAC addresses of phones that attempt to register but cannot because they are blocked.

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucme/command/reference/cme\\_a1ht.html# wp1031242](http://www.cisco.com/en/US/docs/voice_ip_comm/cucme/command/reference/cme_a1ht.html# wp1031242)

**QUESTION 12**

What is matched first in an inbound dial peer?

- A. incoming called-number
- B. answer-address
- C. destination-pattern
- D. a dial peer with a voice port

Correct Answer: A

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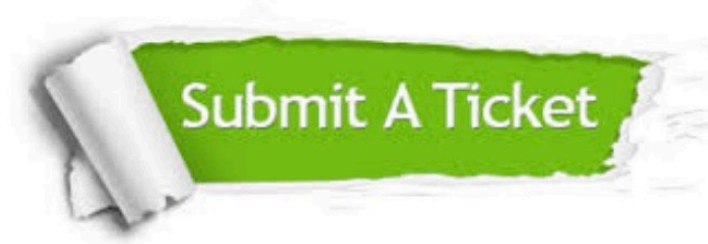
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