

Cisco

Exam 642-447

**Implementing Cisco Unified Communications Manager, Part 1 v8.0
(CIPT1 v8.0)**

Version: 10.0

[Total Questions: 345]

Topic 3, Media Resources**Question No : 1 - (Topic 3)**

What is the accessibility of a DN assigned to the <None> partition?

- A. accessible by all devices regardless of the CSS configured on the device on the calling device
- B. not accessible by any device
- C. only accessible by devices that have the None CSS configured
- D. not accessible by any device by default, unless enabled in the Cisco Unified Communications Manager service parameters

Answer: A

Explanation:

Explanation : Before configure any partitions or calling search spaces, all directory numbers (DN) reside in a special partition named <None>, and all devices are assigned a calling search space also named <None>.

When you create custom partitions and calling search spaces, any calling search space that you create also contains the <None> partition, while the <None> calling search space contains only the <None> partition.

Link :

http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/admin/8_5_1/ccmsys/a03ptcss.html

Reference : Cisco Unified Communications Manager System Guide Release 8.5(1), page-172.

Topic 12, Mixed Questions**Question No : 2 - (Topic 12)**

Which feature service must be activated to use the abilities of the Cisco Unified Communications Manager Quality Report Tool?

- A. Cisco Extended Functions service
- B. Cisco Quality of Service Recording service
- C. Cisco Serviceability Reporter service
- D. Cisco IP Manager Assistant service

Answer: A

Question No : 3 - (Topic 12)

Which statement must be enforced when you configure a Meet-Me conference in a Cisco Unified Communications Manager environment?

- A. The combination of the Meet-Me number/pattern and partition must be unique within the Cisco Unified CM cluster.
- B. The codec must be identical among all Meet-Me numbers/patterns within a region.
- C. The bandwidth that is allowed per Meet-Me number/pattern must be set to unlimited.
- D. The types of devices must be defined in the Meet-Me configuration table to allow only certain types of devices to initiate the call.

Answer: A

Topic 9, DRS

Question No : 4 - (Topic 9)

How many backup sessions can be active at one time in the Disaster Recovery System?

- A. two, one automatic incremental and one scheduled automatic full backup
- B. one, either automatic or manual
- C. two, one automatic and one manual backup
- D. three, one scheduled automatic incremental, one scheduled automatic full backup and one manual backup

Answer: B

Question No : 5 - (Topic 12)

Which option describes how you add software conference bridges to Cisco Unified Communications Manager?

- A. by adding a Cisco Unified CM server to the cluster
- B. by adding a software conference bridge using Conference Bridge Configuration
- C. by installing DSP to a Cisco Unified CM server
- D. by reassigning other media resources to conference resources

Answer: A

Question No : 6 - (Topic 12)

Which two options are forms of redundancy provided by Cisco Unified Communications Manager? (Choose two.)

- A. media resource redundancy
- B. CTI redundancy
- C. voice-mail redundancy
- D. emergency responder redundancy

Answer: A,B

Question No : 7 DRAG DROP - (Topic 3)

Drag the appropriate IOS command from the left and drop them in the boxes on the right to configure a fractional E1 on controller 0/0/0. The controller should support 4 time slots using MGCP and use default framing and linecode. Also configure D-channel backhaul. Assume the serial interface is in the default state.

Assume the ISDN switch type has been configured as a primary-ni. Not all options are used.

```

controller 0/0/0 time-slots 1-4,16
isdn backhaul ccm-manager
isdn switch-type primary-net5
no shut
isdn bind-13 ccm-manager
interface serial 0/0/0:15
controller e1 0/0/0
pri-group time-slots 1-4 service mgcp
  
```

```

[ ]
[ ]
[ ]
[ ]
[ ]
[ ]
  
```

Answer:

```
controller 0/0/0 time-slots 1-4,16
```

```
isdn backhaul ccm-manager
```

```
isdn switch-type primary-net5
```

```
no shut
```

```
isdn bind-13 ccm-manager
```

```
interface serial 0/0/0:15
```

```
controller e1 0/0/0
```

```
pri-group time-slots 1-4 service mgcp
```

```
controller e1 0/0/0
```

```
pri-group time-slots 1-4 service mgcp
```

```
no shut
```

```
|
```

```
interface serial 0/0/0:15
```

```
isdn bind-13 ccm-manager
```

Topic 7, Miscellaneous
Question No : 8 - (Topic 7)

How can the activation status of DNS services be changed?

- A. DNS activation can only be changed by reinstalling Cisco Unified CallManager.
- B. DNS activation can be changed at any time.
- C. DNS activation is on by default and can only be turned off at installation; once DNS activation has been turned off, the system must be reinstalled to turn it back on.
- D. DNS activation is on by default and cannot be changed, but leaving the DNS server addresses and domain name blank disables the service.

Answer: A

Explanation: Reference. <https://learningnetwork.cisco.com/message/139347#139347>

Question No : 9 - (Topic 12)

An auto parts retailer would like its six service counter representatives to be able to assist both walk-up customers and telephone customers. Each store has six service counter representatives. Which call distribution algorithm will allow each service counter representative to provide the best customer service?

- A. Top Down

- B. Circular
- C. Longest Idle Time
- D. Broadcast

Answer: D

Topic 11, CIPT2 6.0

Question No : 10 - (Topic 11)

Which two methods can be used to challenge the identity of an IP phone from a Cisco Unified CallManager server? (Choose two.)

- A. digest authentication
- B. https
- C. PKI
- D. TLS

Answer: A,D

Question No : 11 - (Topic 12)

You are performing route pattern configuration. You need to ensure that internal extensions are automatically expanded to full external phone numbers for calling line information on outgoing calls. What should you use?

- A. calling extension expansion
- B. called number expansion
- C. external number mask of the called party
- D. external phone number mask of the calling party

Answer: D

Topic 1, Architecture and Deployment

Question No : 12 - (Topic 1)

A Cisco Unified Communications Manager cluster contains a publisher and four subscriber nodes. If the publisher becomes unavailable, which three of these statements are true? (Choose three.)

- A. All on-net calls are dropped.
- B. The Informix database automatically locks.
- C. All IP telephony devices continue to operate.
- D. New Cisco Unified Communications Manager devices can be configured.
- E. Available Cisco Unified Communications Manager servers work from the local backup database.
- F. The Informix database will save configuration changes on subscribers to be uploaded to the publisher when available.

Answer: B,C,E

Question No : 13 - (Topic 3)

Time-of-day routing in Cisco Unified Communications Manager is configured in which of these ways?

- A. by specifying a time schedule on the phone device CSS
- B. by specifying a time period on the phone device CSS
- C. by specifying a time schedule on the partition that is being used for time-of-day routing
- D. by specifying a time period on the partition that is being used for time-of-day routing
- E. directly on the route pattern using an explicit timetable

Answer: C

Explanation:

Explanation : Time-of-Day routing comprises individual time periods that the administrator defines and groups into time schedules. The administrator associates time schedules with a partition. In the Partition Configuration window, the administrator chooses either the time zone of the originating device or any specific time zone for a time schedule.

Link :

http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/admin/8_5_1/ccmsys/a03tod.html

Reference : Cisco Unified Communications Manager System Guide Release 8.5(1), page-177.

Topic 5, CUCM Administration**Question No : 14 - (Topic 5)**

Which three of these are considered to be Cisco Unified Communications Manager feature services? (Choose three.)

- A. Cisco CallManager
- B. Cisco CDP
- C. Cisco DB Replicator
- D. Cisco CallManager Admin services
- E. Cisco TFTP
- F. Cisco DirSync services

Answer: A,E,F

Question No : 15 - (Topic 3)

A user's phone Call Forward No Answer setting has been configured to forward to a hunt pilot. If all call hunting options have been exhausted and the Forward Hunt No Answer feature has been configured to use Personal Preference settings, to which of these will calls to this phone be forwarded?

- A. the default destination configured under Service Parameters
- B. any destination configured under the user's DN Personal Settings configuration
- C. the destination specified under the user's Call Forward No Coverage settings
- D. voice mail
- E. no other destination; each call will continue to ring until the caller hangs up

Answer: C

Explanation:

you can implement the personal preferences option. To do so, configure a user phone so that the Forward No Answer field redirects the call to a hunt pilot, which searches for someone else to answer the call. If call hunting fails because all the hunting options are exhausted or because a timeout period expires, the call can be sent to a personalized destination for the person who was originally called. For example, if you set the Forward No Coverage field in the Directory Number Configuration page to a voice-mail number, the call

will be sent to the voice mailbox of that person if hunting fails.

Question No : 16 - (Topic 12)

When configuring an H.323 gateway, which configuration option can be used to set whether an incoming call is considered off the network (OffNet) or on the network (OnNet)?

- A. call classification
- B. call location
- C. device pool
- D. signaling port

Answer: A

Question No : 17 - (Topic 12)

Which route pattern wildcard character is used to terminate the interdigit timeout?

- A. \$
- B. !
- C. #
- D. .

Answer: C

Question No : 18 - (Topic 5)

A Cisco Unified CM cluster is configured for LDAP Authentication. Which two statements regarding this integration are correct? (Choose two.)

- A. User passwords are configured and managed in LDAP.
- B. User passwords are replicated to Cisco Unified Communications Manager database.
- C. Users and their personal organization data must be configured in LDAP and are replicated to Cisco Unified Communications Manager database.
- D. User authentication fails if the LDAP directory is not available.

E. LDAP synchronization is also configured, user authentication will be performed against the Cisco Unified Communications Manager database if the LDAP directory is not available.

Answer: A,D

Question No : 19 - (Topic 12)

If the route patterns 5XXX, 51XX, 513X and 5134 exist within a call route database, which pattern would be matched if the dialed number was 5324?

- A. 5XXX
- B. 51XX
- C. 513X
- D. 5134

Answer: A

Question No : 20 - (Topic 3)

Which of these two route patterns will be matched if 99118855 is dialed with en bloc dialing enabled?

9.911 Urgent Priority Enabled

9.[2-9]XXXXXX

- A. 9.911 will always be matched because it is tagged as Urgent Priority.
- B. 9.[2-9]XXXXXX will be matched first because en bloc dialing is being used. The Urgent Priority tag will be ignored in this case.
- C. There will be a tie between the two route patterns, and a random selection will be made.
- D. The 9.911 pattern will be dialed first and if the call is not successful, then the other potential match will be attempted.
- E. Cisco Unified Communications Manager will not be able to determine which pattern to match. For this reason, it will generate an annunciator message that the call cannot be completed as dialed.

Answer: B