

Exam Questions 400-051

CCIE Collaboration

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NEW QUESTION 1

- (Exam Topic 1)

Which two types of patterns are always nonurgent in Cisco Unified Communications Manager version 11.1? (choose two)

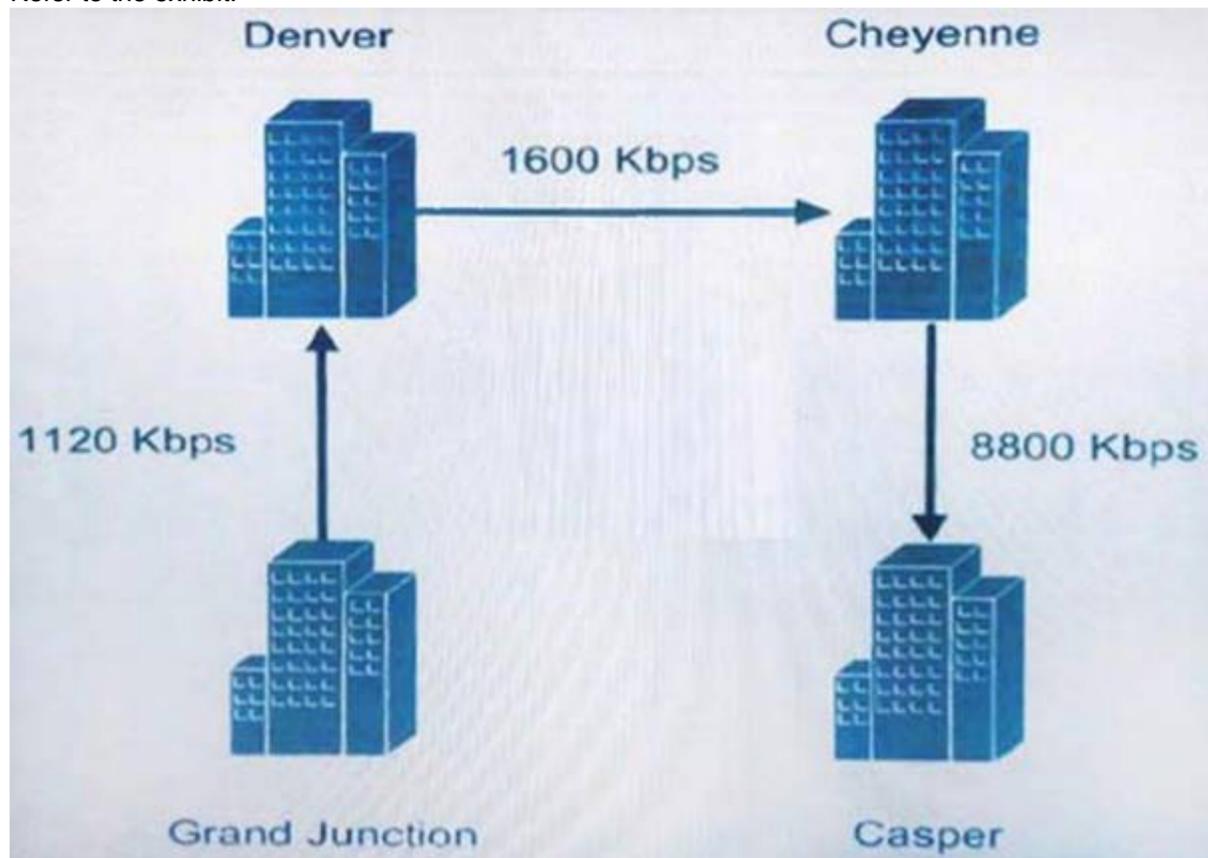
- A. Voice Mail Directory Number
- B. Route Pattern
- C. Translation Pattern
- D. Remote Destination Directory Number
- E. Hunt Pilot
- F. Voice Mail Pilot

Answer: AF

NEW QUESTION 2

- (Exam Topic 1)

Refer to the exhibit.



A collaboration engineer configures Cisco Unified CM location using G.711 and iLBC for each site. The bandwidth for each link is shown. Which two options represent the maximum concurrent number of calls supported by grand junction to Casper for each Codec? (Choose two.)

- A. 20 G.711 calls
- B. 18 G.711 calls
- C. 36 iLBC calls
- D. 42 iLBC calls
- E. 11 G.711 calls
- F. 51 iLBC calls

Answer: CE

NEW QUESTION 3

- (Exam Topic 1)

Refer to the exhibit.

The screenshot shows two configuration tables. The left table is for 'Toll Free Numbers' and the right table is for 'Gateway Name'.

Condition	No. of Digits	Pattern	Call Type
=	5	1	On Net
=	7	1	Local
=	10	T1	Others
=	10	G1	Local
=	10	1	Long Distance
=	11	T1	Others
=	11	KG1	Local
=	11	PK1	Local
=	11	1	Long Distance
=	3	0111	International

Gateway Name	Area Code	Max. No. of Ports*
HQLocal	914	1
DO/SUB/DO1-66/S&B/DW	625,914	24

Trunk Name	Area Code	Max. No. of Ports*
UC001-Primary		1
U(HomeOffice-EG2)Video		1
SRP		1
Donotroute		1
USHomeOffice-SPVG	330	1
Conductor		1
ConductorRnds		1
DummyDelayTrunk		1
SAFCCG		1
TrunkToClusterB	625	1
ClusterB		1

A customer is configuring CAR costing for call. When the customer runs the costing reports calls are not being tagged correctly. Which two changes allow proper costing to be determined for these calls? (Choose two)

- A. The toll free area code field must be updated to include all toll free area codes
- B. A new local pattern must be added with the pattern "k!"
- C. A new pattern must be added for the 914 and 625 area codecs
- D. The items are out of order and must be sorted with the most specific at the top
- E. Overlapping area codec on the trunks must be removed
- F. All external patterns must be change to include the outside access code

Answer: AB

NEW QUESTION 4

- (Exam Topic 1)

ACisco Unity Connection administrator receives a request from a user who wants the ability to change the caller input option 0 in their voicemail box as needed without calling for support. How does the administrator grant these rights to the user?

- A. The administrator can set the caller input to "Transfer to alternate contact number" so the user can log into their voicemail account through the TUI and set their alternate contact number.
- B. The administrator can set the caller input to "Transfer to alternate contact number" so the user can log into their voicemail account through their Cisco PCA page and set their alternate contact number.
- C. The administrator can create a new call handler of which the user is an owne
- D. The user controls thedestination of that call handler by logging into the call handler via greetings administrator.
- E. The administrator informs the user that this feature is a built-in option to the user Cisco PCA page under caller input.
- F. The administrator informs the user that this feature is a built-in option for the user in the TUI under personal settings.

Answer: A

NEW QUESTION 5

- (Exam Topic 1)

Which two parameters, in the reply of an MGCP gateway to an Audit Endpoint message, indicate to a Cisco Unified CM that it has an active call on an endpoint? (Choose two)

- A. Bearer Information
- B. Call ID
- C. Capabilities
- D. Connection ID
- E. Connection Parameters
- F. Connection Mode

Answer: AD

NEW QUESTION 6

- (Exam Topic 1)

ACUCM engineer has deployed Type SIP Phones on a remote site and no SIP dial rules were deployed for these phones. How will CUCM receive the DTMF after the phone goes off- hook and the buttons are pressed?

- A. Each digit will be received by CUCM in a SIP NOTIFY message as soon as they are pressed.
- B. The first digit will be received in a SIP INVITE and subsequent digits will be received using notify MESSAGE as soon as they are pressed.
- C. Each digit will be received by CUCM in a SIP INVITE as soon as the dial softkey has been pressed.
- D. All digits will be received by CUCM in a SIP INVITE as soon as the dial softkey has been pressed

Answer: B

NEW QUESTION 7

- (Exam Topic 1)

An engineer received this requirement from a service provider. Diversion header should match the network DID "123456@company.com" for call Forward and transfer scenarios back to PSTN.

Which SIP profile configuration satisfies this request?

- A. voice class sip-profiles 200request INVITE sip-header Diversion modify "sip:(.*>)" "123456@company.com>" request REINVITE sipheaderDiversion modify "sip:(.*>)" "123456@company.com>"
- B. voice class sip-profiles 200request INVITE sdp-header Diversion modify "sip:(.*>)" 123456@company.com> request REINVITE sdpheaderDiversion modify "sip:(.*>)" "123456@company.com>"
- C. voice class sip-profiles 200response 200 sdp-header Diversion modify "sip:(.*>)" "123456@company.com>"
- D. voice class sip-profiles 200response 200 sip-header Diversion modify "sip:(.*>)" 123456@company.com>"

Answer: A

NEW QUESTION 8

- (Exam Topic 1)

Exhibit:

```

Jul 31 17:51:25.676: MGCP Packet sent to 10.1.1.1:2427--->
200 96
I:
X: 0
L: p:10-20, a:PCMU;PCMA;G.nX64, b:64, e:on, gc:1, s:on, t:10, r:g, nt:IN;
  ATM;LOCAL, v:T;G;D;L;H;R;ATM;SST;FXR;PRE
L: p:10-220, a:G.729;G.722a;G.722h, b:8, e:on, gc:1, s:on, t:10, r:g, nt:IN;
  ATM;LOCAL, v:T;G;D;L;H;R;ATM;SST;FXR;PRE
L: p:10-110, a:G.726-16;G.728, b:16, e:on, gc:1, s:on, t:10, r:g, nt:IN;
  ATM;LOCAL, v:T;G;D;L;H;R;ATM;SST;FXR;PRE
L: p:10-70, a:G.726-24, b:24, e:on, gc:1, s:on, t:10, r:g, nt:IN;
  ATM;LOCAL, v:T;G;D;L;H;R;ATM;SST;FXR;PRE
L: p:10-50, a:G.726-32, b:32, e:on, gc:1, s:on, t:10, r:g, nt:IN;
  ATM;LOCAL, v:T;G;D;L;H;R;ATM;SST;FXR;PRE
L: p:30-270, a:G.723.1-H;G.723;G.723.1a-H, b:6, e:on, gc:1, s:on, t:10,
  r:g, nt:IN;ATM;LOCAL, v:T;G;D;L;H;R;ATM;SST;FXR;PRE
L: p:30-330, a:G.723.1-L;G.723.1a-L, b:5, e:on, gc:1, s:on, t:10,
  r:g, nt:IN;ATM;LOCAL, v:T;G;D;L;H;R;ATM;SST;FXR;PRE
M: sendonly, recvonly, sendrecv, inactive, loopback, conttest, data, netwloop,
  netwtest
  
```

You received this debug output to troubleshoot a Cisco IOS MGCP gateway problem at a customer site. What is the purpose of this message?

- A. The MGCP gateway uses this message to respond to an RQNT message from Cisco Unified Communications Manager.
- B. The MGCP gateway uses this message to respond to an AUCX message from Cisco Unified Communications Manager.
- C. The MGCP gateway uses this message to respond to an AUEP message from Cisco Unified Communications Manager.
- D. The MGCP gateway uses this message to respond to a DLCX message from Cisco Unified Communications Manager.
- E. The MGCP gateway uses this message to respond to an NTFY message from Cisco Unified

Answer: C

NEW QUESTION 9

- (Exam Topic 1)

Which three parameters are requested in an Audit Endpoint message from a Cisco Unified CM to an endpoint on a MGCP gateway? (Choose three.)

- A. Bearer Information
- B. Call ID
- C. Capabilities
- D. Connection ID
- E. Connection Mode
- F. Connection Parameters
- G. Request Identifier
- H. Observed Events

Answer: CDG

NEW QUESTION 10

- (Exam Topic 1)

Which two power saving parameters are available on a Cisco 9971 IP Phone only when it is connected to a Cisco switch with the EnergyWise feature enabled? (Choose two)

- A. Enable Power Save Plus
- B. Power Negotiation
- C. Phone On Time
- D. Display on Time
- E. LLDP Power Priority
- F. Day Display Not Active

Answer: AC

NEW QUESTION 11

- (Exam Topic 1)

Refer to the exhibit.



Which three Ethernet Setup Administrator Settings are manually configurable locally on the Cisco 9971 IP phone? (Choose three)

- A. Operational VLAN Id
- B. Admin VLAN Id
- C. PC VLAN
- D. SW Port Setup
- E. PC Port Setup

Answer: BDE

NEW QUESTION 12

- (Exam Topic 1)

Which definition is included in a Cisco UC on UCS TRC?

- A. Required RAID configuration, when the TRC uses external storage.
- B. Configuration settings and patch recommendations for VMware software.
- C. Configuration of virtual - to - physical network interface mapping.
- D. Design and installation of blade server chassis and switching.
- E. Server model and local components (CPU, RAM, Adapters, Local Storage) at the orderable part number level.

Answer: E

NEW QUESTION 13

- (Exam Topic 1)

You are configuring a Cisco Unified Communication Manager IM & Presence environment to support XMPP federation. Which set of protocol and port must you ensure that the firewall opens up to allow for this support?

- A. udp/5289
- B. tcp/8443
- C. tcp/5269
- D. udp/8443
- E. udp/5222
- F. tcp/5222

Answer: C

NEW QUESTION 14

- (Exam Topic 1)

Which OpenStack component can be used to create on object-based storage strategy?

- A. Glance
- B. Swift
- C. Nova
- D. Neutron

Answer: B

NEW QUESTION 15

- (Exam Topic 1)

A call is made between two desk phones enabled with single number reach that are registered to a Cisco Unified CM cluster. The device pool for each device has a local route group defined. When the call is place to exit the system, which device pool controls the destination gateway? (Choose two.)

- A. Source phone
- B. Source RDP
- C. Destination phone
- D. Destination RDP

Answer: A

NEW QUESTION 16

- (Exam Topic 1)

Assume that your customer domain is customer.com. Which external DNS SRV record is needed to facilitate service discovery so that the Cisco Jabber client can automatically find the appropriate servers to connect to while off-net?

- A. _cisco-uds_tcp customer.com
- B. _cuplogin_tcp customer.com
- C. _collab-edge_tls customer.com
- D. _cisco-uds_tls customer.com
- E. _cuplogin_tcp customer.com
- F. _collab-edge_tcp customer.com

Answer: A

NEW QUESTION 17

- (Exam Topic 4)

Which Device Pool configuration setting will override the device-level settings only when a device is roaming within a device mobility group?

- A. Region
- B. Location
- C. SRST Reference
- D. Calling Party Transformation CSS
- E. Media Resource Group List

Answer: D

Explanation:

Device Mobility Related Settings:

The parameters under these settings will override the device-level settings only when the device is roaming within a Device Mobility Group. The parameters included in these settings are:

- Device Mobility Calling Search Space
- AAR Calling Search Space
- AAR Group
- Calling Party Transformation CSS
- Called Party Transformation CSS

The device mobility related settings affect the dial plan because the calling search space dictates the patterns that can be dialed or the devices that can be reached.

NEW QUESTION 18

- (Exam Topic 4)

What is the number of directory URIs with which a Cisco Unified Communications Manager directory number can be associated?

- A. 1
- B. up to 2
- C. up to 3
- D. up to 4
- E. up to 5

Answer: E

Explanation:

Cisco Unified Communications Manager supports dialing using directory URIs for call addressing. Directory URIs look like email addresses and follow the username@host format where the host portion is an IPv4 address or a fully qualified domain name. A directory URI is a uniform resource identifier, a string of characters that can be used to identify a directory number. If that directory number is assigned to a phone, Cisco Unified Communications Manager can route calls to that phone using the directory URI. URI dialing is available for SIP and SCCP endpoints that support directory URIs.

NEW QUESTION 19

- (Exam Topic 4)

Which tag in the SIP header is used by Cisco Unified Communications Manager to deliver a blended identity of alpha URI and number?

- A. x-cisco-callinfo
- B. x-cisco-service-control
- C. x-cisco-serviceuri
- D. x-cisco-number
- E. x-cisco-uri

Answer: D

Explanation:

Cisco Unified Communications Manager supports blended addressing of directory URIs and directory numbers. When blended addressing is enabled across the network, Cisco Unified Communications Manager inserts both the directory URI and the directory number of the sending party in outgoing SIP Invites, or responses to SIP Invites. The destination endpoint has the option of using either the directory URI or the directory number for its response—both will reach the same destination.

Cisco Unified Communications Manager uses the x-cisco-number tag in the SIP identity headers to communicate a blended address. When both a directory URI and directory number are available for the sending phone and blended addressing is enabled, Cisco Unified Communications Manager uses the directory URI in the From fields of the SIP message and adds the x-cisco-number tag with the accompanying directory number to the SIP identity headers. The x-cisco-number tag identifies the directory number that is associated with the directory URI.

Reference:

http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/10_0_1/ccmfeat/CUCM_BK_F3AC1C0F_0

NEW QUESTION 20

- (Exam Topic 9)

Which option describes how you can show the same contacts in your Jabber for Windows on-premise client as you do on the corporate directory of your IP phone?

- A. Switch your Jabber client to use UDS instead of EDI.
- B. Switch your Jabber client to use EDI instead of UDS.
- C. Update your IM&P server to sync off of the same LDAP directory as your Cisco Unified Communications Manager.
- D. Add Jabber to your inbound/outbound firewall rules on your PC.
- E. Jabber can only pull directly from LDAP and cannot directly search the Cisco Unified Communications Manager user database.

Answer: A

Explanation:

LDAP contact resolution — The client cannot use LDAP for contact resolution when outside of the corporate firewall. Instead, the client must use UDS for contact resolution.

When users are inside the corporate firewall, the client can use either UDS or LDAP for contact resolution. If you deploy LDAP within the corporate firewall, Cisco recommends that you synchronize your LDAP directory server with Cisco Unified Communications Manager to allow the client to connect with UDS when users are outside the corporate firewall.

Reference: http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/

[jabber/Windows/9_7/JABW_BK_C4C679C9_00_cisco-jabber-for-windows-97/JABW_BK_C4C679C9_00_cis](http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/jabber/Windows/9_7/JABW_BK_C4C679C9_00_cisco-jabber-for-windows-97/JABW_BK_C4C679C9_00_cis)

NEW QUESTION 21

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