Cisco

Exam Questions 300-080

CTCOLLAB Troubleshooting Cisco IP Telephony and Video
NEW QUESTION 1
- (Exam Topic 1)
Refer to Exhibit:

```
Finding:
- A review of the trace in the exhibit shows:
  - The Directory number of the called party was 2001.

Options:
A. 2001
B. 5010
C. 1905
D. 2003
```

**Answer:** D

NEW QUESTION 2
- (Exam Topic 1)
An IP phone that is connected through a Cisco Catalyst 3750 Series Switch is failing to register with the subscriber as a backup server. When the user presses the settings button on the phone, only the Cisco Unified Communications Manager publisher shows as registered. What is the most likely cause for this issue?

A. The phone does not have the correct Cisco Unified Communications Manager group in the device configuration page.
B. The Cisco Unified Communications Manager group that is applied through the device pool is misconfigured.
C. The ip-helper address command for the subscriber is not configured on the switch port.
D. The subscriber does not have the correct device pool configured.
E. The enterprise phone configuration does not have the call control redundancy enabled.

**Answer:** B

NEW QUESTION 3
- (Exam Topic 1)
Refer to the exhibit:

```
voice-card 0
  no local-bypass
  !
  controller 1/0/0
  pri-group timeslots 1-24
  !
  interface Serial 0/0/23
  no ip address
  encapsulation hdlc
  isdn switch-type primary
  isdn incoming-voice voice
  !
  ip rtp report interval 5000
  !
  voice-port 0/0/23
  timeout wait-release 10
  timeout initial 10
  !
  gateway
  media-activity criteria all
  timer receive-rtp 2
  timer receive-rtp 10000
```

Users are reporting that inbound calls from the PSTN are dropping when not answered within 10 seconds. Calls come in via ISDN T1 PRI. Which configuration change is needed to prevent the calls from dropping?

A. Remove the timeouts wait-release 10 command from under the voice-port.
B. Remove the timeouts initial 10 command from under the voice-port.
C. Remove the timer receive-rtp 2 command from under the gateway.
D. Remove the timer receive-rtp 10000 command from under the gateway.
E. Modify the Call Forward No Answer setting in CUCM to redirect calls to Voicemail or another extension.

**Answer:** C

NEW QUESTION 4
- (Exam Topic 1)
Refer to Exhibit:
What type of trace file is this considered to be?

A. sdl  
B. dbl  
C. dbnotify  
D. calllogs  
E. sdi

Answer: E

NEW QUESTION 5  
- (Exam Topic 1)

When parsing trace output after the call routing decision and path selection have been made, which two records can be found in the CCM|RouteList? (Choose two.)

A. PretransfromDigitString  
B. CallingPartyNumber  
C. PretransformCallingPartyNumber  
D. RouteListName  
E. findLocalDevice

Answer: DF

NEW QUESTION 6  
- (Exam Topic 1)

An engineer is configuring an IOS MTP on a Cisco 2911 Integrated Services Router and Cisco Unified Communications Manager (CUCM).

dspfarm profile 20 mtp codec g711ulaw  
maximum sessions software 10 associate application SCCP shutdown

The MTP will not register with CUCM. Based on the configuration, what is the cause of the problem?

A. The MTP type is not compatible with CUCM.  
B. The dspfarm profile is in a down state.  
C. The MTP type is incorrect.  
D. The MTP is not enabled on CUCM.

Answer: B

NEW QUESTION 7  
- (Exam Topic 1)

Which issue would cause an MGCP gateway to fail to register with Cisco Unified Communications Manager?

A. missing the configuration command isdn bind-l3 ccm-manager under the ISDN interface  
B. mismatched domain name on the MGCP gateway and Cisco Unified Communications Manager gatewayconfiguration  
C. misconfigured route group in Cisco Unified Communications Manager  
D. incorrect MGCP IP address specified in the gateway configuration in Cisco Unified Communications Manager

Answer: B

NEW QUESTION 8  
- (Exam Topic 1)

Where in Cisco TMS would you see if a system is registered to a Cisco VCS or a Cisco Unified Communications Manager?

A. Systems > Registration  
B. Navigation > Systems > Registrations  
C. under Registration on the System Administration tab  
D. System Overview  
E. Settings > Provisioning  
F. where you start the Cisco Unified Communications Manager RTMT under Systems and Reports

Answer: D

NEW QUESTION 9  
- (Exam Topic 1)

An engineer is troubleshooting an issue where aliases that contain an identity "@abc.com" are unable to register with an endpoint due to an entry in the registration restriction configuration in Expressway-E. Where is the alias being blocked in Expressway-E?
A. regex list
B. hunt list
C. black list
D. allow list

Answer: C

NEW QUESTION 10
- (Exam Topic 1)
Which two issues can cause a Cisco Unified Communications Manager to fail to register with its Cisco SAF Forwarder? (Choose two.)

A. An H.323 SAF trunk was configured instead of a SIP SAF trunk.
B. No directory number patterns were configured on the Cisco Unified Communications Manager.
C. CCD advertising service was not activated.
D. Incorrect user credentials were used on the SAF Forwarder.
E. CCD requesting service was not activated.

Answer: DE

NEW QUESTION 11
- (Exam Topic 1)
Refer to Exhibit:

After reviewing the trace in the exhibit, what was the Directory number of the calling party?

A. 2001
B. 5010
C. 1905
D. 2003

Answer: A

NEW QUESTION 12
- (Exam Topic 2)
An engineer encounters an issue where a Customer wants to enable multiple Cisco Telepresence conference bridges, but can enable only one. Which option is the cause of this issue?

A. No valid release key is installed on the TS Conductor.
B. TS Conductor can support only one conference bridge.
C. Conference bridge in Cisco Unified Communications Manager under Diagnostics > Conference Bridge is not enabled.
D. All conference bridges are not added in media resources under MRG in Cisco Unified Communications Manager.

Answer: D

NEW QUESTION 13
- (Exam Topic 2)
A remote office uses a VPN with the HQ office to register its phones for centralized management. The office has a local SIP gateway with PRI for calling and to support SRST. On the Cisco Unified Communications Manager, a device pool is created for this site with media resources that are local to Cisco Unified Communications Manager. A SIP trunk that requires an MTP connects to the gateway. Users report voice quality issues when making and receiving calls. How do you resolve this issue?

A. Restart the phones at the remote office
B. Restart the voice gateway and switch
C. Enable QoS on the remote office
D. Assign an MTP that is local to the remote office to the device pool that is used by the phones.

Answer: C

NEW QUESTION 14
- (Exam Topic 2)
After you deploy a hardware transcoder, users without a Common codec are unable to complete calls to one another. Which two actions must you take (Choose two.)

A. Use RTMT to verify that transcoder resources are available
B. verify that all SIP trunks are registered within Cisco Unified Communications Manager
C. verify that media resources are assigned to the transcoder
D. verify that the transcoder registered with Cisco Unified Communications Manager
E. verify that the transcoder is running the latest firmware and Flash NVRAM

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NEW QUESTION 15
- (Exam Topic 2)
Which set ensures that all SAF clients receive all service advertisements?
A)
```
(config)#router eigrp saf
  (config)#service-family ipv4 autonomous-system 208
  (config-router-sf)#
  (config-router-sf)#sf-interface gigabitEthernet0/0
  (config-router-sf)#hello-interval 10
  (config-router-sf)#split-horizon
```
B)
```
(config)#router eigrp saf
  (config)#service-family ipv4 autonomous-system 208
  (config-router-sf)#
  (config-router-sf)#sf-interface gigabitEthernet0/0
  (config-router-sf)#hello-interval 10
```
C)
```
(config)#router eigrp saf
  (config)#service-family ipv4 autonomous-system 208
  (config-router-sf)#
  (config-router-sf)#sf-interface gigabitEthernet0/0
  (config-router-sf)#hello-interval 10
  (config-router-sf)#no split-horizon
```
D)
```
(config)#router eigrp saf
  (config)#service-family ipv4 autonomous-system 208
  (config-router-sf)#
  (config-router-sf)#sf-interface gigabitEthernet0/0
  (config-router-sf)#hello-interval 50
  (config-router-sf)#split-horizon
```
A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

NEW QUESTION 16
- (Exam Topic 2)
An engineer is configuring Cisco Unified Communications Manager (CUCM) Version 10.0. The office manager of a remote office sends a request to set up a new phone that contains the MAC address of the phone (0AFC00021AB2) and the extension (2324). The engineer manually creates a new Cisco Unified IP Phone 7942 in CUCM, but the phone displays "Registration Rejected" when the user plugs the phone into the LAN. What should be done to fix this issue if autoregistration is already enabled in CUCM?
A. Ensure that the phone extension is not already used on another set.
B. Check the MAC address to make sure that it matches and that there are no extra Characters in the MAC address field.
C. Check the Enterprise License Manager to ensure that the system is not out of licenses.
D. Verify that the phone model being connected is the same type that is configured in CUCM.

Answer: D

NEW QUESTION 17
- (Exam Topic 2)
What is the meaning of this alarm snippet
```
CCM_CALLMANAGER-CALLMANAGER-3-EndPointTtransientConnection
```
A. The device was successfully unregistered.
B. The device was reset via the reset button in Cisco Unified Communications Manager.
C. The device was misconfigured.
D. The device was successfully registered.

Answer: C

NEW QUESTION 18
- (Exam Topic 2)
An engineer integrated a voice gateway with Cisco Unified Communications Manager using H.323, but the calls through it are failing. Which debug command helps

Answer: AD
isolate this issue?
A. debug call-mgmt
B. debug ras
C. debug voip ccsip inout
D. debug mgcp errors
E. debug ccsip error

Answer: C

NEW QUESTION 19
- (Exam Topic 2)
Which two tools can be used to collect log files for advanced troubleshooting of call setup failures? (Choose two.)

A. Dialed Number Analyzer on Communications Manager servers
B. CLI of Communications Manager servers
C. Cisco Unified Realtime Monitoring Tool for Communications Manager servers
D. Cisco Call Analyzer for Communications Manager Publisher servers
E. Cisco Prime Collaboration Provisioning server

Answer: AC

NEW QUESTION 20
- (Exam Topic 2)
Refer to the Exhibit.

A Call to an IOS gateway fails, and the output of the debug ccsip messages command reveals the message that is shown in the exhibit. Which two configuration changes fix this problem? (Choose two)

A. No ip address trusted authenticate
B. No allow connections sip-to-sip
C. Allow connections sip-to-sip
D. Session-target IPV4:209.165.200.226
E. IP address trusted authenticate
F. Session-target ipv4:10.9.2.2

Answer: AC

NEW QUESTION 21
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