300-080 Dumps

Troubleshooting Cisco IP Telephony and Video

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NEW QUESTION 1
Which two troubleshooting tools would initially be the best to use when troubleshooting the PSTN gateway side of a Call routing issue while using Cisco Unified Communications Manager? (Choose two.)

A. RTMT trace output
B. Cisco IOS debug commands
C. Dialed Number Analyzer output
D. Cisco Unified Communications Manager alerts
E. Cisco IOS show commands

Answer: BE

NEW QUESTION 2
What is the default interval for SAF hello packets?

A. 15 seconds
B. 15 seconds on links with speeds that are slower than T1 speeds
C. 40 seconds
D. 40 seconds on links with speeds that are slower than T1 speeds
E. 60 seconds
F. 60 seconds on links with speeds that are slower than T1 speeds

Answer: F

NEW QUESTION 3
When a Caller dials 9 plus an external seven-digit number, the caller hears a fast-busy tone after a period of silence. What is causing the silence?

A. There is no dial route for 9XXXXXXX on Cisco Unified Communications Manager.
B. The gateway is not dropping the leading 9, and the PSTN fails.
C. The T302 timer is waiting to expire.
D. The caller does not have the PSTN partition in the CSS.
E. The caller dialed the wrong number.
F. To dial successfully, the caller must enter a Forced Authorization Code.

Answer: C

NEW QUESTION 4
Company XYZ reports that their SAF calls are being routed through the PSTN. Which cause of the issue is true?

A. TCP Connection Failure has occurred between the SAF Forwarder and Cisco Unified CommunicationsManager.
B. Cisco Unified Communications Managed did not increment the service number correctly.
C. The maximum number of learned patterns have being reached.
D. Cisco Unified Communications Manager did not construct the SAF message correctly.

Answer: A

NEW QUESTION 5
Refer to the exhibit.

```
voice-card 0
 no local-bypass
!
controller t1 0/0/0
 pri-group timeslots 1-24
!
interface Serial0/0/0:23
 no ip address
 encapsulation hdlc
 isdn switch-type primary-ni
 isdn incoming-voice voice
!
ip rtcp report interval 5000
!
voice-port 0/0/0:23
 timeouts wait-release 10
 timeouts initial 10
!
!
gateway
 media-inactivity-criteria all
 timer receive-rtcp 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 commanDFrom under the voice-port.
B. Remove the timeouts initial 10 commanDFrom under the voice-port.
C. Remove the timer receive-rtcp 2 commanDFrom under the gateway.
D. Remove the timer receive-rtp 10000 commanDFrom 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 6
To maintain proper database integrity, what is the recommended maximum round-trip delay between multiple Cisco VCS appliances in ACluster?

A. 10 ms
B. 15 ms
C. 25 ms
D. 30 ms
E. 50 ms
F. 80 ms

Answer: D

NEW QUESTION 7
Users report intermittent call failures. All calls must invoke an IOS-based transcoder, registered to Cisco Unified Communications Manager, to be successful. Which two commands can be used to rule out issues with the transcoder? (Choose two.)

A. debug voip ccapi inout
B. debug ccsip message
C. show dspfarm profile
D. show version
E. debug sccp messages

Answer: AB

NEW QUESTION 8
Which two types of call causes the user to hear the reorder tone? (Choose two.)

A. call to a number that is working but is unlisted
B. restricted call
C. call using a non-Cisco phone
D. call to a number that has been blocked
E. unrestricted call

Answer: AB

NEW QUESTION 9
A user is dialing an external PSTN number with a prefix of 01 from a Cisco TelePresence SX10 Quick Set in a Cisco VCS environment. In the past, the Cisco VCS and the ISDN gateway were correctly configured with a prefix of 01, but the calls are now failing. What are three possible causes? (Choose three.)

A. The Cisco VCS Control is down.
B. The interworking setting is turned off.
C. The audio feature in the Cisco TelePresence SX10 is turned off.
D. The SIP trunk is not configured on the gateway.
E. 01 is not a valid prefix.
F. ISDN is not enabled on the Cisco TelePresence SX10.
G. The Cisco TelePresence SX10 is not registered to the Cisco VCS Control.
H. The Cisco TelePresence SX10 is not registered to the Cisco Express C.

Answer: ABG

NEW QUESTION 10
Refer to the exhibit.
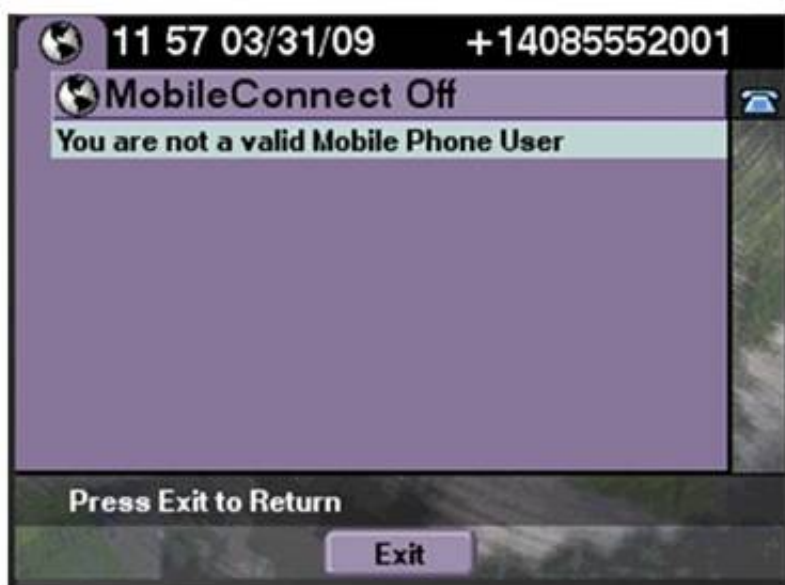
Which course of action will resolve the Mobile Connect issues that are shown in the exhibit?

A. Configure the Mobility softkey on the phone.
B. Enable the user for Cisco Mobile Connect.
C. Make the user an owner of the phone device in the phone device configuration page.
D. Enable the device mobility mode on the phone since it is disabled.

Answer: C

NEW QUESTION 10
You enabled Cisco Unified Mobile Connect for a user, but the user is unable to send calls to a mobile phone from the desk phone. What do you do to resolve the issue?

A. Restart the phone, and verify that the key is present.
B. Under User Management > User, make sure that the Mobility option is selected.
C. Make sure that the phone is subscribed to Extension Mobility.
D. Add the mobility key to the softkey template that the phone is currently using.

Answer: D

NEW QUESTION 15
Refer to the exhibits.

Assume that all learned SAF routes are placed in the SAF_Pt partition. The 3XXX directory number pattern is being advertised by a remote cluster and is also being blocked by the local cluster that is shown in the exhibit. An IP phone is attached to the local cluster and is configured with ACSS that contains the following partitions: SAF_Pt and Internal_Pt in this order. When the IP phone places a Call to 3001, what will occur?

A. The call will succeed and will be placed via the SIP_Trunk.
B. The call will fail because it will be blocked by the CCD Blocked Learned Route configuration.
C. The call will be placed in a round-robin fashion between the SAF network and SIP_Trunk.
D. The call will placed in a round-robin fashion between the SAF network and SIP_Trun
E. Every other call will fail.

Answer: A

NEW QUESTION 17
Which Cisco Unified Communications Manager troubleshooting tool can be used to determine the digit
manipulation path a Call takes within the Cisco Unified Communications Manager system from the perspective of a specific directory number, without having the actual device at hand?

A. Cisco Unified Communications Manager Serviceability
B. Cisco Unified Communications Manager Dialed Number Analyzer
C. Cisco Unified Communications Manager Real Time Monitoring Tool
D. Cisco Unified Syslog Viewer
E. Cisco IOS debugs

Answer: B

NEW QUESTION 20
Refer to the exhibit.

```
*Mar 24 16:17:54.190: ISDN Se0/0/0:15 Q931: RX <- SETUP pd = 8  callref = 0x00AA
     Bearer Capability i = 0x8090A3
          Standard = CCITT
          Transfer Capability = Speech
          Transfer Mode = Circuit
          Transfer Rate = 64 kbit/s
     Channel ID i = 0xA98381
          Exclusive, Channel 1
     Progress Ind i = 0x8183 - Origination address is non-ISDN
     Calling Party Number i = 0x1180, '4940302156001'
          Plan:ISDN, Type:International
     Called Party Number i = 0x81, '2288223001'
          Plan:ISDN, Type:Unknown
*Mar 24 16:17:54.210: ISDN Se0/0/0:15 Q931: TX -> RELEASE_COMP pd = 8  callref =
                      0x80AA
     Cause i = 0x8081 - Unallocated/unassigned  number
```

The exhibit shows the output of debug isdn q931. An inbound PSTN call was received by a SIP gateway that is reachable via a SIP trunk that is configured in Cisco Unified Communications Manager. The call failed to ring extension 3001. If the phone at extension 3001 is registered and reachable through the gateway inbound CSS, which three actions can resolve this issue? (Choose three.)

A. Change the significant digits for inbound calls to 4 on the SIP trunk configuration in Cisco Unified Communications Manager.
B. Configure the digit strip 4 on the SIP trunk under Incoming Called Party Settings in Cisco Unified Communications Manager.
C. Configure a translation pattern in Cisco Unified Communications Manager that can be accessed by the trunk CSS to truncate the called number to four digits.
D. Configure a Called-party transformation CSS on the gateway in Cisco Unified Communications Manager that includes a pattern that transforms the number from ten digits to four digits.
E. Configure a voice translation profile in the SIP Cisco IOS gateway with a voice translation rule that truncates the number from ten digits to four digits.
F. Configure the Cisco IOS command num-exp 2288223001 3001 on the gateway ISDN interface.

Answer: ACE

NEW QUESTION 24
When dialing any external SIP URI for ABusiness-to-business call, an endpoint that is registered to the Cisco VCS Control fails to locate the remote endpoint. The same endpoint can successfully call another endpoint that is registered to the Cisco VCS Expressway. How do you resolve this issue?

A. Add traversal call licensing on the Cisco VCS Expressway.
B. Add traversal call licensing on the Cisco VCS Control.
C. Add a multisite option to the endpoint.
D. Configure a proper DNS zone on the Cisco VCS Expressway.
E. Configure a traversal zone between the Cisco VCS Control and the Cisco VCS Expressway.
F. Configure a SIP route pattern in Cisco Unified Communications Manager.

Answer: D

NEW QUESTION 28
You are troubleshooting an ILS connectivity issue. All clusters are set to "Use TLS Certificates". Which certificates must be exchanged between Cisco Unified Communications Manager clusters?

A. Tomcat certificates between all nodes in all clusters.
B. TLS certificates between publisher nodes in all clusters.
C. Call Manager certificates between publisher nodes in all clusters.
D. Tomcat certificates between publisher nodes in all clusters.

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/10_0_1/ccmfeat/ CUCM_BK_F3AC1C0F_00_cucm-features

NEW QUESTION 30
An engineer is troubleshooting an intersite call between two endpoints where calls are intermediately failing with the error message: "488 Not Acceptable Media". Which option causes this error message to trigger?

A. The device pool contains more call processing agents in the CMG group than the endpoint can support.
B. MRGL contains more media groups than the endpoint can support.
C. A lower bandwidth is set in the location than the endpoint can support.
D. The hunt group contains more devices than the endpoint can support.

Answer: C

NEW QUESTION 32
After you deploy a new Cisco Collaboration solution, users report echoes and choppy voice quality. Which two actions correct the problem? (Choose two.)

A. Upgrade the Cisco IOS version anDFlash memory on the Cisco IOS router.
B. Deploy additional hardware resources
C. Deploy an echo canceller.

D. Upgrade Cisco Unified Communications Manager.
E. Enable QoS on the network.

Answer: CE

NEW QUESTION 33

Which Cisco TelePresence Management Suite feature provides proactive suggestions for resolving error conditions and also provides ACentralized view of all statuses and configuration errors for managed devices?

A. Cisco WebEx in Cisco TelePresence Management Suite
B. Cisco TelePresence scheduling
C. graphical monitoring
D. ticketing service
E. audit logging

Answer: D

NEW QUESTION 37

What is a Common reason that an IP Phone cannot get its configuration from Cisco Unified Communications Manager after it obtains the correct IP address information?

A. The DHCP scope is exhausted.
B. The DHCP server is not reachable.
C. The DHCP scope is on the wrong subnet.
D. The DHCP scope has the incorrect Option 150 or 66 defined.

Answer: D

NEW QUESTION 40

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 44

When users in headquarters call branch office users over the WAN link, branch users report poor audio quality. Headquarters users consistently experience acceptable audio quality. Which troubleshooting approach most directly improves the audio quality of the branch users?

A. Make the branch router configuration for LLQ match the headquarters router.
B. Make the headquarters router configuration for LLQ match the branch router.
C. Make the branch router configuration for CBWFQ match the headquarters router.
D. Make the headquarters router configuration for CBWFQ match the branch router.

Answer: B

NEW QUESTION 48

An engineer is investigating voice quality degradation on calls passing through a particular SIP gateway. To gather the necessary information, sample traffic captures are taken. Which information in the capture reveals the problem?

A. destination port
B. version
C. ToS bits
D. MTU

Answer: B

Explanation:
Reference:
https://community.cisco.com/t5/collaboration-voice-and-video/how-to-troubleshoot-voice-qualityissues-
in-a-ucm-environment/ta-p/3121613

NEW QUESTION 49

Which Cisco Unified Communications Manager tool verifies configured route patterns, calling search spaces, and route groups?

A. Cisco Unified Reporting
B. Cisco Unified Communications Manager CDR Analysis and Reporting
C. Cisco Unified Communications Manager Dialed Number Analyzer
D. Cisco Unified Real-Time Monitoring Tool

Answer: C

NEW QUESTION 53
When identifying Cisco TelePresence Endpoint traffic characteristics, which three statements are true? (Choose three.)

A. Latency, jitter, and loss are measured in a round-trip fashion.
B. Latency, jitter, and loss are measured unidirectionally.
C. Latency and loss are measured at a packet level, based on RTP header sequence numbers and time stamps.
D. Latency and jitter are measured at a packet level, based on RTP header sequence numbers and time stamps.
E. Jitter is measured at a video frame level, by measuring the arrival time of the video frame versus the expected arrival time.
F. Jitter is measured at a packet level, by measuring the arrival time of the packet versus the expected arrival time.

Answer: BCE

NEW QUESTION 56
You observe that EMCC restriction on the cluster fails when a user with a different profile logs in to another cluster. Which action can you take to correct the problem?

A. Enable logical partitioning.
B. Set SIP session timers to 0.
C. Set SIP session timers to 3800.
D. Configure the regions in Cisco Unified Communications Manager to allow EMCC.

Answer: D

NEW QUESTION 61
Which reason for calls being disconnected just after connection is true?

A. An incompatible MTP type is allocated to the call.
B. Codec are mismatched between phones.
C. Firewall is blocking RTP packets.
D. Phone A is using SCCP and phone B is using SIP.

Answer: B

NEW QUESTION 65
Refer to the exhibit.

A roaming device retains its home location device pool settings, even though all configuration settings are in place. What is causing this issue?

A. The device mobility group settings are incorrect.
B. The device mobility mode service parameter is set to Off.
C. The device mobility mode service parameter is set to True.
D. The device mobility information entry matches the device IP address.

Answer: B

NEW QUESTION 70
Of the following persistent settings for Cisco TMS-controlleDEndpoints, TMS overwrites these settings if which five of them are altered on the endpoint? (Choose five.)

A. H.323 ID
B. Configuration Template
C. SIP URI
D. Active Cisco Unified Communications Manager Address
E. System Name

F. System Contact
G. E.164 alias
H. IEEE 802.1x Authentication Password

Answer: ABCEG

NEW QUESTION 72
Endpoints are configureDFor both H.323 and SIP using the same URI and Cisco VCS settings, but the endpoints register only as H.323 endpoints. What is causing this issue?

A. A firewall is blocking all traffic from the endpoints to the Cisco VCS.
B. The Cisco VCS has no SIP domains configured.
C. The Cisco VCS is blocking the endpoints because of duplicate IDEntries.
D. The endpoints do not have the SIP option key installed.
E. SIP does not work, because SIP is useDFor Cisco Unified Communications Manager registration only.

Answer: B

NEW QUESTION 75
Refer to topology and Exhibits below:

Which command can be used to obtain the status of an MGCP gateway from the IOS device, as shown in the given output?
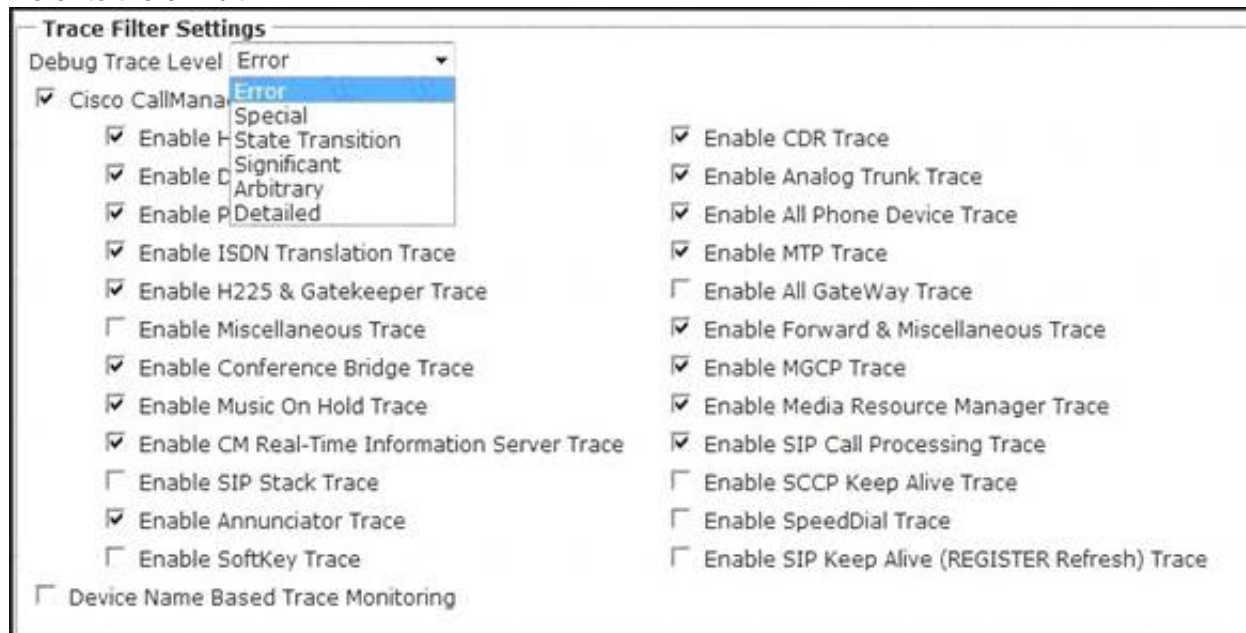
A. show mgcp registration

B. show mgcp-gw
C. show mgcp connection
D. show ccm-manager

Answer: D

NEW QUESTION 77
Refer to the exhibit.

Which Cisco Unified Communications Manager trace file level should be selected when enabling traces to send to Cisco TAC for analysis?

A. State Transition
B. Arbitrary
C. Significant
D. Error
E. Detailed
F. Special

Answer: E

NEW QUESTION 78
Refer to the exhibit.

According to the output of the debug voip ccapi inout command, why was this call dropped?

A. Normal call clearing
B. User busy
C. Call rejected
D. Invalid number
E. No circuit
F. No resource

Answer: A

NEW QUESTION 80
You are receiving complaints of pixilation, smearing, and pulsing of video calls between two offices that are connected by a WAN. Assuming that QoS is implemented on the WAN connection, which classification should you use to mark the video traffic, according to the Cisco QoS baseline?

A. CS6
B. CS2
C. AF41
D. AF31
E. EF
F. CS3

Answer: C

NEW QUESTION 83
Refer to the exhibit.

http://172.16.1.1:8080/emapp/EMAppServlet?device=#DEVICENAME#&EMCC=#EMCC#

a Cisco Unified Communications Manager Extension Mobility enabled user attempts to log in to a new phone where Cisco Extension Mobility Cross Cluster Service is configured with the URL that is displayed in the exhibit. The service is configured on a Cisco Unified CM 9.X or later Unified CM cluster. After the user enters the user ID and PIN, the phone displays "Login is Unavailable (23)."
Which configuration requirement supports Cisco EMCC and avoids this error condition?

A. The device must be subscribed to Cisco EMCC Services.
B. The given user ID is not found in the remote cluster.
C. The user must associate a device profile.
D. The Cisco IP Phone Services configuration for Cisco EMCC must set the enterprise subscription.

Answer: A

NEW QUESTION 87
You have 50 hardware MTP resources and 200 software MTP resources. You want to use hardware resources first, but software is being useDFirst. Where can you confirm the MTP selection order?

A. Media Resource Group List
B. Cisco Unified Real-Time Monitoring Tool
C. MTP list
D. phone device pool
E. calling search space
F. MGCP gateway

Answer: A

NEW QUESTION 92
Refer to the exhibit.

Assume ACentralized Cisco Unified Communications Manager topology with the headquarters at RTP and remote located at the U.K. All route patterns are assigned a route list that contains a route group pointing to the local gateway. RTP route patterns use the RTP gateway, and U.K. route patterns use the U.K. gateway.
When a U.K. user logs into an RTP phone using the Cisco Extension Mobility feature and places an emergency call to 0000, which statement about the emergency call is true?

A. The call will match the U.K_Emergency route pattern partition and will egress at the RTP gateway.
B. The call will match the U.K_Emergency route pattern partition and will egress at the U.
C. gateway.
D. The call will match the RTP_Emergency route pattern partition and will egress at the RTP gateway.
E. The call will match the RTP_Emergency route pattern partition and will egress at the U.
F. gateway.
G. The call will fail.

Answer: B

NEW QUESTION 97
Which three network conditions anDEquipment should you avoid to ensure a high-quality Cisco TelePresence experience? (Choose three.)

A. network hubs
B. Layer 3 switches
C. duplex mismatch connections
D. 10/100 access ports
E. high utilization link with QoS
F. network loops
G. redundant network trunks

Answer: ACF

NEW QUESTION 98

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 103

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 105

Which of these reasons can cause intrasite calls within a Cisco Unified Communications Manager cluster to fail?

A. The route partition that is configured in the CCD requesting service is not listed in the calling phone CSS.
B. The trunk CSS does not include the partition for the called directory number.
C. The MGCP gateway is not registered.
D. The calling phone does not have the correct CSS configured.
E. The calling phone does not have the correct partition configured.

Answer: D

NEW QUESTION 107

Which command is used to check if an MGCP gateway is currently registered with Cisco CallManager?

A. Router# show ccm-manager gateway
B. Router# show mgcp ccm-manager
C. Router# show ccm-manager
D. Router# show ccm manager

Answer: C

NEW QUESTION 111
Refer to the exhibit.

All phones are placed in the Internal_Pt partition. The CSS for all phones contains the partition Internal_Pt, and Vml.CSS contains the voicemail hunt pilot. When a
Call is placeDFrom extension 2001 to 2002, which statement is true?

A. Extension 2002 will ring.
B. The call will be blocked.
C. The call will be answered by voicemail.
D. Extension 2002 will ring, and if the call is not answered, the call will match the translation pattern and then be blocked.
E. Extension 2002 will ring, and if the call is not answered, the call will match the translation pattern and then be forwarded to voicemail.

Answer: A

NEW QUESTION 112
You need to increase the maximum number of Meet-Me conference participants on Cisco Unified Communications Manager. Where do you configure this increase?

A. System > Service Parameters > [Publisher Server] > Cisco CallManager (Active) > Clusterwide Parameters (Feature – Conference)
B. Call Routing > Meet-Me Number/Pattern
C. Media Resources > Conference Bridge
D. Media Resources > Media Resource Group
E. Device > Conference Bridge

Answer: A

NEW QUESTION 113
Refer to the exhibit.

These settings are configured on a Cisco TelePresence System EX90. What is the result?

A. The endpoint successfully registers to Cisco Unified Communications Manager as a SIP endpoint.
B. The endpoint does not register to Cisco VCS as a SIP endpoint, because the domain information is missing.
C. The endpoint does not register to Cisco Unified Communications Manager as a SIP endpoint, because the domain information is missing.
D. The endpoint successfully registers to Cisco VCS as a SIP endpoint.
E. The endpoint successfully registers to Cisco Unified Communications Manager as an H.323 endpoint.
F. The endpoint successfully registers to Cisco VCS as an H.323 endpoint.

Answer: F

NEW QUESTION 117
Which statement indicates something that can cause an inbound PSTN call to an H.323 gateway that is configured in Cisco Unified Communications Manager to fail to ring an IP phone?

A. The gateway is not registered in Cisco Unified Communications Manager.
B. The gateway IP address that is configured in Cisco Unified Communications Manager does not match the IP address that is configured at the gateway in the h323-gateway voip bind srcaddr command.
C. The Cisco Unified Communications Manager does not have a matching route pattern to match the called number.
D. The gateway is missing the command allow-connections h323 to h323 under the voice service voip configuration.

Answer: B

NEW QUESTION 118
Which tool allows the administrator to analyze call routing in Cisco Unified Communications Manager without physically placing a Call?

A. Cisco Unified Communications Manager Dialed Number Analyzer
B. Cisco IOS Gateway debug commands
C. Cisco Unified Communications Manager RTMT trace output
D. base configuration information for this user that specifies Class of Restriction, Partition, and Calling Search Space information
E. Cisco Unified Communications Manager Serviceability tools
F. Cisco Unified Communications Manager OS Administration

Answer: A

NEW QUESTION 121
Which two statements indicate something that can cause an IP phone to fail roaming when device mobility has been configured? (Choose two.)

A. Device Mobility Mode is set to Off in the Cisco Unified Communications Manager service parameters while the device mobility configuration on the phone is set to default.
B. No device mobility groups have been configured.
C. No locations have been configured and assigned to the device pools.
D. No physical locations have been configured and assigned to the device pools.
E. No device mobility-related information settings were configured under the device pools.

Answer: AD

NEW QUESTION 124

In a SAF deployment, the registration status looks correct and the learned patterns appear reachable, but calls are not routed. What is causing this issue?

A. network connection failure between the SAF Forwarder and Cisco Unified Communications Manager
B. network connection failure between the primary and backup SAF Forwarders
C. TCP connection failure with the primary SAF Forwarder
D. TCP connection failure with the backup SAF Forwarder

Answer: A

NEW QUESTION 128

Several users at your site have reported that they receive a fast busy when they call another site within the same cluster. Which action can you take to connect the problem?

A. Rebuild the SIP trunk between Cisco Unified Communications Manager and the gateway.
B. Run RTMT to check the status of the Cisco Unified Communications Manager services.
C. Reset the intercluster trunk from your site to the remote site.
D. Correct the grouping of the site partitions and calling search spaces.

Answer: D

NEW QUESTION 129

Cisco Unified Communications Manager failed to register with the Cisco SAF Forwarder. Assuming that the Cisco IOS SAF Forwarder is configured correctly, which minimum configuration would be needed on Cisco Unified Communications Manager to test registration?

A. SAF trunk, SAF security profile, Cisco SAF Forwarder, and CCD advertising service
B. SAF trunk, SAF security profile, Cisco SAF Forwarder, and CCD requesting service
C. SAF trunk, SAF security profile, Cisco SAF Forwarder, CCD requesting service, and CCD advertising service
D. SAF trunk, SAF security profile, and Cisco SAF Forwarder
E. SAF trunk, CCD requesting service, and CCD advertising service

Answer: B

NEW QUESTION 134

a Company has a headquarters site and a remote site. Cisco Unified Communications Manager acts as a DHCP server. Both sites use their local voice gateways for PSTN calls. At the headquarters site, the PSTN
prefix is 9, and the emergency number is 911. At the remote site, the PSTN prefix is 0, and the emergency number is 112. Here are the deployment policies for roaming devices:

▶ Softphones can roam between two sites.
▶ A roaming softphone uses the local gateway for all PSTN calls.
▶ The user keeps home dial habits on a roaming softphone, with the exception of the emergency number. When a headquarters user uses a softphone at the remote site, the administrator notices that the PSTN calls are
still going via voice gateway in the headquarters. The administrator enabled Device Mobility in the system parameters and on all phones. What are the next two components that the administrator must check, according to the flow of Device Mobility operation? (Choose two.)

A. IP address of the softphone
B. Cisco Unified CM Group
C. Device Mobility Info
D. Physical Location
E. Device Mobility Group

Answer: AE

NEW QUESTION 135

An endpoint has a SIP trunk configured between Cisco Unified Communications Manager (CUCM) and a Cisco VCS cluster. When a Call is made from a Cisco TelePresence System EX60 that is registered to the Cisco VCS to a Cisco IP Phone 9971 that is registered to CUCM, it rings. But upon picking up the call, ABusy tone is heard. What should be checked to resolve this issue?

A. CUCM zone on the Cisco VCS.
B. SIP trunk and phone region settings.
C. SIP trunk registration.
D. authentication on the SIP trunk.

Answer: B

NEW QUESTION 138

Which four performance counters are available when monitoring a Cisco MTP device using the Cisco Unified Communications Manager RTMT? (Choose four.)

A. Resource Total
B. Resource Available
C. Out of Resources
D. Resource Idle
E. Resource Active
F. MTP Streams Active
G. MTP Connection Lost
H. MTP Instances Active

Answer: ABCE

NEW QUESTION 142
You configured a Cisco ISR G2 as a SIP gateway, but the gateway does not show that it is registered with Cisco Unified Communications Manager. What is causing this issue?

A. Cisco Unified Communications Manager does not support SIP gateways.
B. The gateway does not have the UC license installed.
C. The gateway does not have Cisco Unified Border Element session licensing.
D. Cisco Unified Communications Manager does not show a SIP gateway as registered if it is not properly configured.
E. Cisco Unified Communications Manager never shows a SIP gateway as registereDEven when it is properly configured.
F. The Cisco ISR G2 cannot be a SIP gateway.

Answer: E

NEW QUESTION 145
Refer to the exhibit.

SIP/ 2.0 503 Service Unavailable Via: SIP/ 2.0/TCP 10.10.10.10:
5060;branch=z9hG4bK954956da2012413dfb6ef80d6bc9e373.1; rportFrom:
<sip:2000@10.100.250.3>;tag=47c3821d0db85e1aTo:
<sip:3000@10.100.250.3>;tag=176762~44dd1c5b-eda9-42cd-c53a-
27cb5234b711-21373445Date:
Sat, 15 Apr 2017 11:10:05 GMTCall-ID:
d14ce1bdcddefd063fa4de654fab32cdCSeq: 100 INVITEAllow-Events:
presenceReason: Q.850;cause=47Content-Length:0

An engineer is troubleshooting a video audio issue where the video endpoint logs are showing this error message. Which two actions must the engineer take to fix the issue? (Choose two.)

A. Assign the transcoder to the MRGL, which is in turn assigned to the MRG; apply the MRG to the endpoint device pool of the video.
B. Assign the transcoder to the MRG, which is in turn assigned to the MRGL; apply the MRGL directly to the endpoint of the video.
C. Assign the transcoder to the MRGL, which is in turn assigned to the MRG; apply the MRG directly to the endpoint of the video.
D. Assign the transcoder to the MRG, which is in turn assigned to the MRGL; apply the MRGL to the video's endpoint device pool.
E. Assign the transcoder directly to the endpoint of the video.

Answer: AE

NEW QUESTION 148
Refer to the exhibits.

Assume that all learned SAF routes are placed in the SAF_Pt partition. An IP phone CSS contains the following partitions in this order: Internal_Pt, SAF_Pt. When the IP phone places a Call to 3001, what will occur?

A. The call will succeed and will be placed via the SAF networ
B. SAF-learned routes always take precedence.
C. The call will fail because it will be blocked by the route pattern.
D. The call will be placed in a round-robin fashion between the SAF network and SIP_Trunk.
E. The call will be placed in a round-robin fashion between the SAF network and SIP_Trun
F. Every other call will fail.

Answer: B

NEW QUESTION 151
In Cisco Unified Communications Manager, what is the default maximum number of learned patterns for the call control discovery feature parameter?

A. 5000
B. 10000
C. 20000
D. 500
E. 50000

Answer: C

NEW QUESTION 156
In an MCU call with three Cisco TelePresence MX800 systems and a mobile phone calling in, the three TelePresence MX800 systems suddenly experience low audio levels, but the mobile phone audio levels are
correct. What can you do to correct this issue?

A. Turn off the audio processors on the TelePresence MX800.
B. Use the mobile phone audio option on the TelePresence MX800 to adjust the mobile phone levels.
C. Mobile phone audio levels can vary, so you cannot correct the issue.
D. Turn on AGC on the MCU to adjust the audio levels.
E. Turn on ALG on the MCU to adjust the audio levels.
F. Turn on the Auto Adjust levels under "Settings > Audio" on the MCU.

Answer: D

NEW QUESTION 158
Refer to topology and Exhibits below:
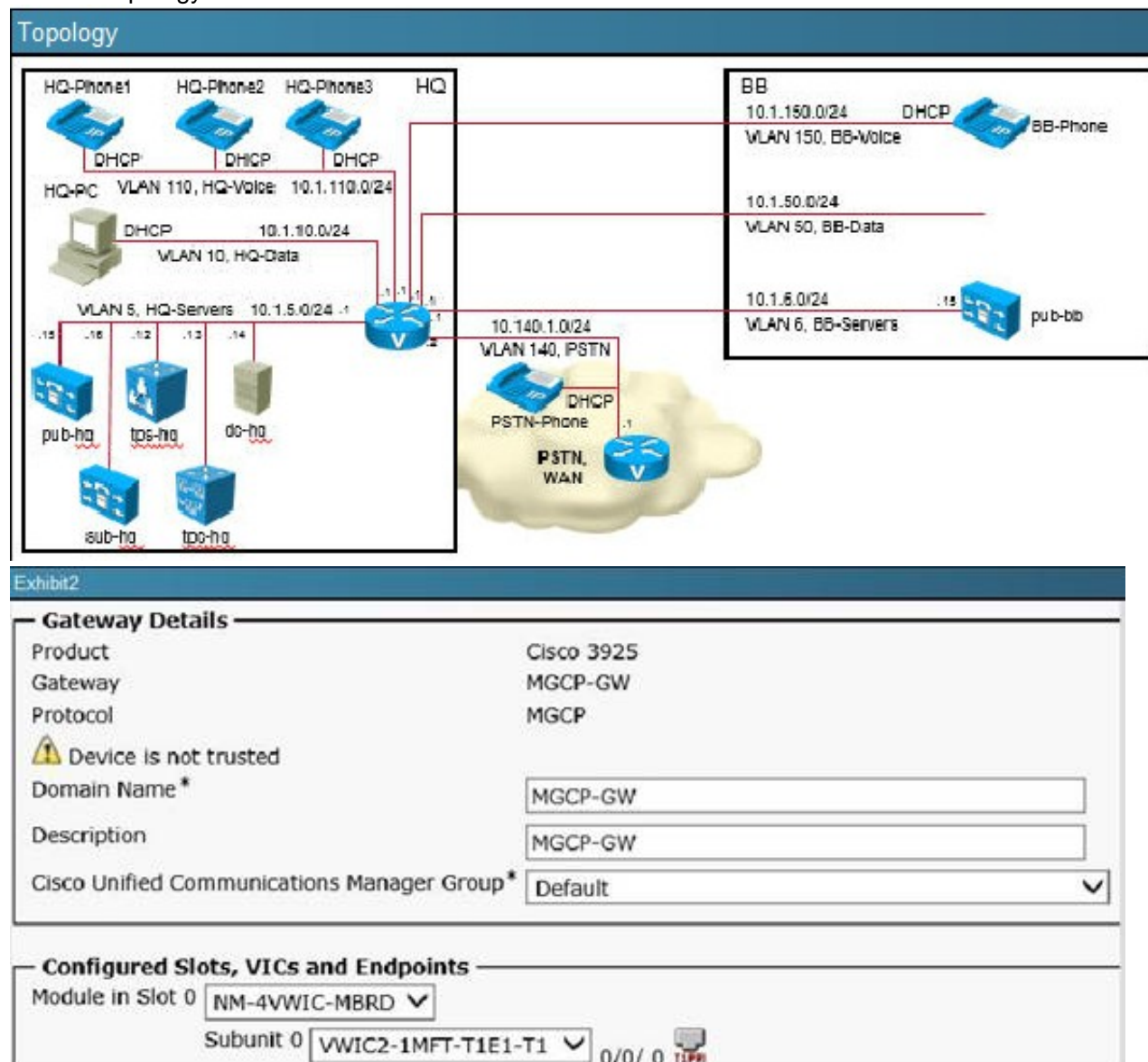
Exhibit3

— Device Information —

Product	Cisco MGCP T1 Port
Gateway	MGCP-GW
Device Protocol	Digital Access PRI
Registration:	Unknown
IPv4 Address:	None

⚠ Device is not trusted

End-Point Name *	S0/SU0/DS1-0@MGCP-GW
Description	S0/SU0/DS1-0@MGCP-GW

Exhibit4

```
MGCP Domain Name: HQ
Priority          Status                  Host
=====================================================
Primary           Backup Ready            10.1.5.25
First Backup      Registering with CM     10.1.5.26
Second Backup     None

Current active Call Manager:      None
Backhaul/Redundant link port:     2428
Failover Interval:                30 seconds
Keepalive Interval:               15 seconds
Last keepalive sent:              21:44:55 UTC Feb 10 2015 (elapsed time: 00:20:03)
Last MGCP traffic time:           22:04:42 UTC Feb 10 2015 (elapsed time: 00:00:15)
Last failover time:               22:04:42 UTC Feb 10 2015 from (10.1.5.25)
Last switchback time:             22:04:12 UTC Feb 10 2015 from (10.1.5.26)
Switchback mode:                  Graceful
MGCP Fallback mode:               Not Selected
Last MGCP Fallback start time:    None
Last MGCP Fallback end time:      None
MGCP Download Tones:              Disabled
TFTP retry count to shut Ports:   2

FAX mode: disable
Configuration Error History:
```

From the perspective of the Cisco Unified Communications Manager, what is the status of the MGCP gateway?

A. registered
B. unknown
C. registering
D. initializing

Answer: C

NEW QUESTION 160
Cisco TelePresence System EX90-A anDEX90-B are in a Call. EX90-A tries to call EX90-C. When the call is dialed, EX90-B is put on hold. EX90-A anDEX90-C are connected, but there is no merge button on the touch panel. What is causing this issue?

A. The multisite option key is missing.
B. The multisite configuration is missing.
C. The conference option key is missing.
D. The conference configuration is missing.
E. CiscoTelePresence systems cannot make multipoint calls without a Cisco TelePresence Server.
F. The multipoint option key is missing.

Answer: A

NEW QUESTION 165
Call from a Cisco IP phone out to the PSTN through a SIP trunk intermittently drop after the call is active for exactly 15 minutes. When process is failing?

A. SIP OPTIONS Timeout
B. SIP Session Refresh
C. SIP Expires Timeout
D. SIP Dialog Refresh
E. SIP REGISTER Refresh
F. SIP Keepalive Timeout

Answer: C

NEW QUESTION 167
Where do you configure the phone book provisioning synchronization for an endpoint that is reentered to Cisco VCS?

A. in Cisco Unified Communications Manager, under the SIP trunk to Cisco VCS
B. on the Cisco Express C
C. in the Cisco TelePresence Management suite in the Cisco VCS configuration
D. on the Cisco VCS Expressway
E. on the Cisco VCS Control
F. in the Cisco TelePresence Management Suite under Administration > Provisioning

Answer: F

NEW QUESTION 171
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 the remote office lo the device pool that is used by the phones.

Answer: C

NEW QUESTION 174
You need to add transcoding support for g711alaw between two different sites. The current configuration is as follows:
dspfarm profile 1 transcode codec g711 ulaw
codec g729ar8 codec g729abr8 codec g729br8 codec g729r8 maximum sessions 4
associate application SCCP
Which two steps do you need to take in order to add support for this codec? (Choose two)

A. Issue the command no associate application SCCP.
B. Issue the command shutdown under the dspfarm profile.
C. Add the command codec g711alaw and issue the no shutdown command.
D. Disassociate the profile under the CCM group.
E. Add the command codec g711alaw and issue the command no sccp followed by the command sccp.

Answer: CE

NEW QUESTION 176
You have an endpoint registration problem with VCS, and the event log reason of "unknown domain". The domain names that your endpoints are using to register with must be added to this list. Where do you check the list of defined domains?

A. VCS configuration > Domains > SIP
B. VCS configuration > Protocols > SCCP > Domains
C. VCS Domains > Protocols > SIP
D. VCS configuration > Protocols > SIP > Domains

Answer: D

Explanation: Reference: https://www.cisco.com/c/en/us/td/docs/telepresence/infrastructure/articles/ vcs_endpoint_registration_problems_kb_460.html

NEW QUESTION 179
While you deploy SAF CCD in a remote location, you are unable to enable the SAF CCD service on an Cisco IOS-based device. Which action can you take to troubleshoot the problem?

A. Verify that Cisco Unity Express is operational.
B. Verify that IOS Release 15.0(1)M is installed.
C. Verify that DSP Farm resources are configured on the device.
D. Verify that the device has sufficient RAM to run SAF CCD.
E. Verify the integrity of the flash installation.

Answer: A

NEW QUESTION 180
After a Cisco Unified Communications Manager system is installed, users report problems when more than four users attempt to join a Meet-Me conference. Which parameter should you increase?

A. Maximum Ad Hoc Conference, Call Manager Service Parameter
B. Maximum Ad Hoc Conference, Enterprise Parameters Configuration
C. Maximum Meet-Me Conference, Call Manager Service Parameter
D. Maximum Meet-Me Conference, Enterprise Parameters Configuration

Answer: C

NEW QUESTION 181
Replication fails in a large Cisco Unified Communications Manager cluster that contains eight nodes. There are no issues with reachability between cluster nodes, and the utils dbreplication runtimestate command shows "out of sync" or "not requested" statuses. Which reason that is occurring is true?

A. The replication timeout is too small
B. Authentication failed on at least one of the nodes
C. The clock of the Publisher is not synchronized
D. The tables on one or more nodes are mismatched

Answer: A

NEW QUESTION 186

An engineer is troubleshooting an image quality issue for a Call on an SX20 and must verify the video protocol. Which menu navigation sequence does the engineer use to find the video protocol on the web interface?

A. Call Control > Call Control > Participants and click the triangle to get more call detail
B. Configuration> Video > Input > Participants and click the triangle to get more call detail
C. Configuration> Conference > Rate > Participants and click the triangle to get more call detail
D. Configuration> System Configuration > Conference > Participants and click the triangle to get more call detail

Answer: A

NEW QUESTION 188
You install a second Cisco TelePresence PrecisionHD 1080p camera on your C-Series Codec, but you are unable to control the camera. What should you do to fix this issue?

A. Ensure that the distance between the end user and the camera is between 4 feet and 6 feet.
B. Purchase and install a Camera with full pan, tilt, and zoom capabilities.
C. Order a VISCACascading cable from Cisco, which connects the first camera to the second camera.
D. Ensure that the RJ45 end of the camera Cable goes to the connector that is marked "HD Video Out Codec."
E. Ensure that the HD-SDI cable between the codec and the camera is not longer than 100 meters (330 feet).

Answer: C

NEW QUESTION 189
You have just configured Cisco CallManager.
A few users in your organization complain that when they log out, the phones are reset. You need to provide a solution to this problem.
What should you do?

A. Restart the TFTP service.
B. Restart the Internet Information Service (IIS).
C. Change the DNS address to IP address.
D. Restart the Computer Telephony Integration (CTI).
E. Reboot the phones.
F. Edit the form.jsp file and make appropriate changes.

Answer: C

NEW QUESTION 192
Users in your enterprise can establish PSTN calls, but users notice that when they attempt to perform a transfer the call fails. Which two actions must you take to troubleshoot the problem? (Choose two)

A. Restart Cisco Unified Communications Manager services.
B. Verify that media resources are assigned to the transcoder.
C. Verify that MTP resources are registered with Cisco Unified Communications Manager
D. Restart the Cisco Serviceability tool
E. Use RTMT Performance monitoring to verify that an MTP device is available to support supplementary services.

Answer: CE

NEW QUESTION 195
You are configuring the Call Control Discovery feature. You need to configure Hosted DN Group Configuration settings. What is the range of values that you can define in the PSTN Failover Strip Digits field?

A. 0-10
B. 0-12
C. 0-14
D. 0-16
E. 0-18
F. 0-20

Answer: D

NEW QUESTION 200
What is the maximum number of characters that you can use in Service Advertisement Framework (SAF) forwarder name?

A. 10
B. 20
C. 30
D. 40
E. 50
F. 60

Answer: E

NEW QUESTION 201
What does the debug output show? Refer to the exhibit.
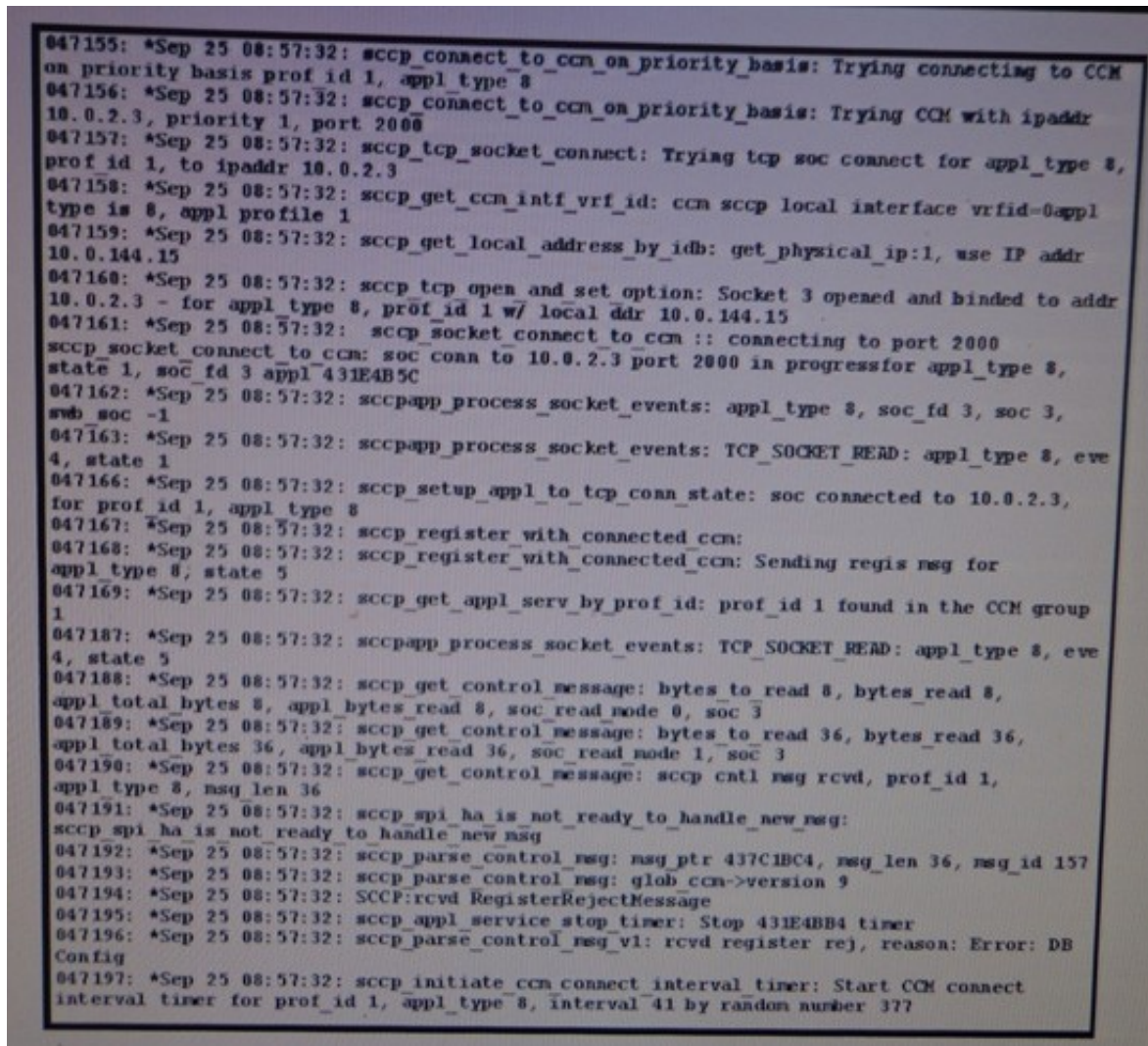
A. a DSP farm profile shutdown
B. a DSP farm profile registration failure due to a TCP connection error
C. a DSP farm profile registration failure Message due to a mismatched name
D. that SCCP is not activated

Answer: C

NEW QUESTION 205
Upon completion of a failover task you notice that all the CTI devices are still pointing to the backup server rather than the primary server. How should you resolve this issue?

A. Stop the CTI Manager Service on the Secondary server so that all devices using CTI register with the primary.
B. Stop the CTI Manager Service on the Primary server so that all devices using CTI stay registered with the primary CTI server.
C. Restart the subscriber with the CTI Manager Service on the secondary.
D. Do nothing and wait for the next failover assuming this will revert back to the primary CTI server.

Answer: A

NEW QUESTION 208
Users of your local Cisco Unified Communications Manager cluster report that they receive error "Login is unavailable (23)" when they try to log in to Extension Mobility. Which reason for this error is true?

A. User provided the wrong UserID or PIN
B. User has no Extension Mobility profiles assigned.
C. The given user ID is not found n any of the remote clusters.
D. Phone is not subscribed to Extension Mobility phone service.

Answer: C

NEW QUESTION 209
A Cisco TelePresence SX80 Dial is registered on Cisco Unified Communications Manager is calling a registered H.323 endpoint that is registered to a Cisco VCS Control within the same campus. The call is placed using 6 Mb, however only a 1 MBCall is set up. Where can you find two possible causes for this issue? (Choose two)

A. The Cisco TelePiesence SX80. which needs an option key to call over 2 M
B. which also enables multisite calls
C. in the Region settings in Cisco Unified Communications Manager
D. bandwidth settings in the SIP trunk profile
E. legacy telepresence systems that are registered to the Cisco VCS Control and can only do 1 Mb towards a Cisco Unified Communications Manager system
F. a link and pipe configuration on the VCS to Osco Unified Communications Manager subzone
G. in the subzone settings of the registered H 323 endpoint

Answer: C

NEW QUESTION 211
In a Cisco UCM multisite WAN with centralized call-processing deployment model, what redundancy feature should be configured on remote site routers to supply

basic IP telephony services in the event of a WAN outage?

A. AAR
B. SRST
C. CAC
D. V3PN

Answer: B

NEW QUESTION 215
Some of yours users report issues when they are dialing extensions located in other branch offices. Sometimes the calls are set up successfully, and sometimes users experience problems during call setup. Which two reasons for the issue are true? (Choose two)

A. Not enough bandwidth is available between the two locations and Automated Alternate Routing is disabled on this cluster.
B. The Partition that contains the calleDExtensions is not assigned to the line or device CSS of the calling users.
C. A firewall rule blocks traffic between the branch offices so the call setup cannot be completed.
D. The calleDExtension is used only on a device profile for extension mobility and the user has been authenticated to a second phone in a different branch so the calls are delivered randomly to only one of his phones.
E. The remote branch experiences WAN link outages and there is no Forward Unregistered Internal number configureDFor the remote directory number.

Answer: AE

NEW QUESTION 216
When Device Mobility is configured, which parameter does Cisco Unified Communications Manager (CUCM) use to track the location of the phone device?

A. IP address of the mobile device
B. region settings under roaming-sensitive setting
C. location settings under roaming-sensitive setting
D. network locale
E. device mobility group
F. device mobility Content Services Switch (CSS)

Answer: A

NEW QUESTION 220
Refer to the exhibit.

```
!
sccp local Vlan5
sccp ccm 10.10.5.1 identifier 5 version 8.6.2
sccp
!
sccp ccm group 5
bind interface Vlan1
associate ccm 5 priority 1
associate profile 5 register MTPHW1
!
dspfarm profile 5 mtp
codec g711ulaw
codec pass-through
maximum sessions software 500
!
```

You are trying to configure a new Cisco IOS MTP to register with Cisco Unified Communications Manager, but it fails to register. Which two changes are required so that the MTP registers successfully? (Choose two.)

A. Restart the router.
B. Bind the interface to Vlan5.
C. The sccp ccm group should be 1.
D. Associate the application with SCCP.
E. Change the maximum sessions to 1.

Answer: BD

NEW QUESTION 222
A user gets the following error on the IP phone: [205]-User Profile Absent
What could be the probable cause?

A. The user profile is missing.
B. The device profile is not attached to the user.
C. The Enable Extension Mobility option is not enabled in the phone configuration window.
D. User ID and password are incorrectly entered on the phone.
E. User is assigned to another phone.
F. User is logged on to another phone.

Answer: B

NEW QUESTION 223

Refer to the exhibit.

```
R1#show inventory
NAME: "CISCO2901/K9 chassis", DESCR: "CISCO2901/K9 chassis"
PID: CISCO2901/K9     , VID: V04 , SN: FGL160521F8

NAME: "VWIC3-1MFT-T1/E1 - 1-Port RJ-48 Multiflex Trunk - T1/E1 on Slot 0 SubSlot 0", DESCR: "VWIC3-1MFT-T1/E1
PID: VWIC3-1MFT-T1/E1  , VID: V01 , SN: FOC16020NRF

NAME: "PVDM3 DSP DIMM with 32 Channels on Slot 0 SubSlot 4", DESCR: "PVDM3 DSP DIMM with 32 Channels"
PID: PVDM3-32         , VID: V01 , SN: FOC16021305

NAME: "C1941/C2901 AC Power Supply", DESCR: "C1941/C2901 AC Power Supply"
PID: PWR-1941-2901-AC  , VID:    , SN:

R1#
R1#
R1#show voice dsp capabilities slot 0 dsp 1
DSP Type: SP2600 -32
Card 0 DSP id 1 Capabilities:
   Credits   480 , G711Credits 15 , HC Credits  34 , MC Credits  22 ,
   FC Channel  32 , HC Channel  14 , MC Channel  21 ,
   Conference 8-party credits:
     G711  36 , G729  96 , G722  96 , ILBC  120
Secure Credits:
   Sec LC Xcode  20,     Sec HC Xcode  34,
   Sec MC Xcode  26,     Sec LC UNIV Xcode  20,
   Sec HC UNIV Xcode  68,Sec MC UNIV Xcode  40,
   Sec G729 conf 120,    Sec G722 conf 120,    Sec ILBC conf 160,
   Sec G711 conf 68 ,
Max Conference Parties per DSP:
   G711 104,  G729 40,  G722 40,  ILBC 32,
   Sec G711 56,  Sec G729 32,
   Sec G722 32  Sec ILBC 24,
Voice Channels:
   g711perdsp = 32,  g726perdsp = 21, g729perdsp = 14, g729aperdsp = 21,
   g723perdsp = 0 ,  g728perdsp = 14, g711_5msperdsp = 22, gsmamrnbperdsp = 14,
   ilbcperdsp = 14,  isacperdsp = 7 , modemrelayperdsp = 14,
   g72264Perdsp = 21, h324perdsp = 14,
   m_f_thruperdsp = 32, faxrelayperdsp = 21,
   maxchperdsp = 32, minchperdsp = 14,
   srtp_maxchperdsp = 18, srtp_minchperdsp = 9 , faxrelay_srtp_perdsp = 9 ,
   g711_srtp_perdsp = 18, g729_srtp_perdsp = 9 , g729a_srtp_perdsp = 16
   gnx64_srtp_perdsp = 18

R1#
```

How many high-complexity transcoding sessions can this Cisco ISR G2 support?

A. 21
B. 14
C. 60
D. 15

Answer: B

NEW QUESTION 227
You have sites across a WAN and because of a recent change on the access control lists, your SIP phones are having registration issues.
Which cause is likely?

A. TCP/UDP 0506 is blocked by the ACL.
B. TCP/UDP 5006 is blocked by the ACL.
C. TCP/UDP 5060 is blocked by the ACL.
D. TCP/UDP 6050 is blocked by the ACL.

Answer: C

NEW QUESTION 232
Users are reporting intermittent poor audio quality on VoIP calls. Which configuration area requires troubleshooting?

A. network QoS
B. media resource
C. call routing
D. phone setup

Answer: A

NEW QUESTION 234

CallSetup Mode	Direct	
Encryption KeySize	Max1024bit	
Gatekeeper Address		(0 to 255 characters)
PortAllocation	Static	

Authentication		
LoginName		(0 to 50 characters)
Mode	Off	
Password		Clear (0 to 50 characters)

H323Alias		
E164		(0 to 30 characters)
ID		(0 to 49 characters)

NAT		
Address	209.165.200.225	(0 to 64 characters)
Mode	Auto	

Refer to the exhibit. Company ABC reports that they are getting one-way audio and video when they make a Call. Which cause of the issue is true?

A. The public IP address is invalid
B. The NAT mode must be changed to Static
C. NAT is not configured correctly on the network
D. The endpoint is not registered

Answer: C

NEW QUESTION 237
In Cisco Unified Communications Manager (CUCM), the primary Service Advertisement Framework (SAF) forwarder is deleted from the database.
If there were total of three SAF forwarders configured, which two will happen next? (Choose two.)

A. The backup SAF forwarder will automatically become the primary SAF forwarder.
B. The third SAF forwarder will become the primary SAF forwarder.
C. The third SAF forwarder will become the backup SAF forwarder.
D. You need to desinate the backup SAF forwarder as the primary SAF forwarder.
E. Through an election, the backup and the third SAF forwarder will be designated as primary SAF forwarder.
F. CUCM will wait for the primary SAF forwarder to come alive.

Answer: AC

NEW QUESTION 239
Which command do you use to confirm that a router interlace is enableDFor SAP?

A. show eigrp service-family ipv4 client details.
B. show ip interface details
C. show ip saf-service-family interface
D. show run
E. show eigrp service -family interface
F. show eigrp service-family lpv4 <AS number interfaces

Answer: E

NEW QUESTION 244
Which two tasks are performed by the RAS signaling function of H.225.0? (Select two.)

A. Performs bandwidth changes.
B. Transports audio messages between endpoints.
C. Performs disengage procedures between endpoints and a gatekeeper.
D. Allows endpoints to create connections between call agents.

Answer: AC

NEW QUESTION 247
Users are complaining of problems when they make SIP calls by dialing URIs. To help users complete calls, what must you do?

A. Adjust the URI lookup policy to case desensitive.
B. Adjust the URI lookup policy to case sensitive.
C. Adjust the URI lookup policy to case insensitive.
D. Adjust the URI lookup policy to case nonsensitive.

Answer: C

NEW QUESTION 250
You try to register a new H.323 endpoint to a Cisco VCS server, but the endpoint does not register correctly. You successfully check network connectivity and VCS registration with other devices. Which issue and solution will resolve this registration problem?

A. Cisco VCS Server H.323 service must be restarted to activate the new endpoint.
B. The Registration Policy is set to "Deny List" so all new endpoints are rejecte
C. Set the Policy to "Allow List" so that the endpoint can register themselves and then reassign the "Deny List" Setting for security reasons.
D. The new endpoint has not been assigned with the correct registration domain, so configure the correct domain on the endpoint.
E. The Registration Policy is set to "Allow List" and the newly addeDEndpoint has to be added to the list, because only listed devices are allowed to register.

Answer: D

NEW QUESTION 252
Cisco Unified Communications Manager is configured to collect H.245 and H 225 traces through the Cisco Serviceability web interface. What do you use to download and view the trace files?

A. Cisco Unified OS Administration
B. Cisco Unified Serviceability
C. Bulk Administration > upload/DownloaDFiles
D. Cisco Unified Real-Time monitoring Tool

Answer: D

NEW QUESTION 254
A network administrator for the ACME Corporation is adding a new remote site to the existing network infrastructure. DHCP is already provisioneDFor this site. When the administrator connects the Cisco IP phone to the network, the phone keeps displaying the word "Registering." The administrator is able to ping the phone's IP address from a laptop. Which two actions should the administrator take to troubleshoot the problem? (Choose two.)

A. Check DHCP option 150.
B. If a laptop is connected to the PC port, check whether the network driver on the PC is up to date.
C. Check network connectivity between IP phone at the remote site and Cisco Unified Communications Manager server at the main site.
D. Check the NTP configuration on the phone.
E. Check DHCP option 67.

Answer: BC

NEW QUESTION 255
Refer to the exhibit.

```
00004894.001  |17:15:59.826  |AppInfo |Digit Analysis: star_DaReq:
   daReq.partitionSearchSpace(), filteredPartitionSearchSpaceString(),
partitionSearchSpaceString()
00004894.002 |17:15:59.826  |AppInfo  |Digit Analysis: star_DaReq: Matching
Legacy
 Numeric, digits=2
0004894.003    |17:15:59.826  |AppInfo  |Digit Analysis: getDaRes data:
daRes.ssType=[0]
 Intercept DAMR.sstype=[0], TPcount=[0], DAMR.NotifyCount=[0],
DaRes.NotifyCount=[0]
00004894.004 |17:15:59.826  |AppInfo   |Digit Analysis: getDaRes – Remote
Destination []
isURI[1]
00004894.005   |17:15:59.826  |AppInfo  |Digit analysis: patternUsage=2
00004894.006   |17:15:59.826 |AppInfo   |Digit analysis:
match(pi="2",fqcn="1000",
cn="1000", plv="5", pss="", TodFilteredPss="", dd="2", dac="0")
00004894.007  |17:15:59.826  |AppInfo  |Digit analysis:
potentialMatches=NoPotentialMatchesExist
```

a Cisco Unified Communications Manager engineer configured CCD in two clusters. The patterns were successfully learned, however, the call attempt from the cluster 1 agent to the cluster 2 agent fails. Based on the output of this cluster 1 trace, what is the root cause of the issue?

A. The CCD partition is missing from the CCD Requesting Service configuration
B. The CSS is missing from the phones and line configuration
C. The Activated Feature check in the CCD Requesting Service configuration is missing
D. The pattern that was dialed has been added to the Blocked Learned Pattern configuration

Answer: B

NEW QUESTION 259
What is the meaning of this alarm snippet
CCM_CALLMANAGER-CALLMANAGER-3-EndPointTfansientConnection?

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 264
A network administrator is troubleshooting a support ticket with ID33118456 regarding video bandwidth issues. On a Cisco TelePresence VCS, the administrator can configure bandwidth control for which two VCS configuration options? (Choose two)

A. links and pipes
B. subzones
C. CPL
D. Bandwidth restrictions can be configured only on endpoints.
E. zones

Answer: AB

NEW QUESTION 269
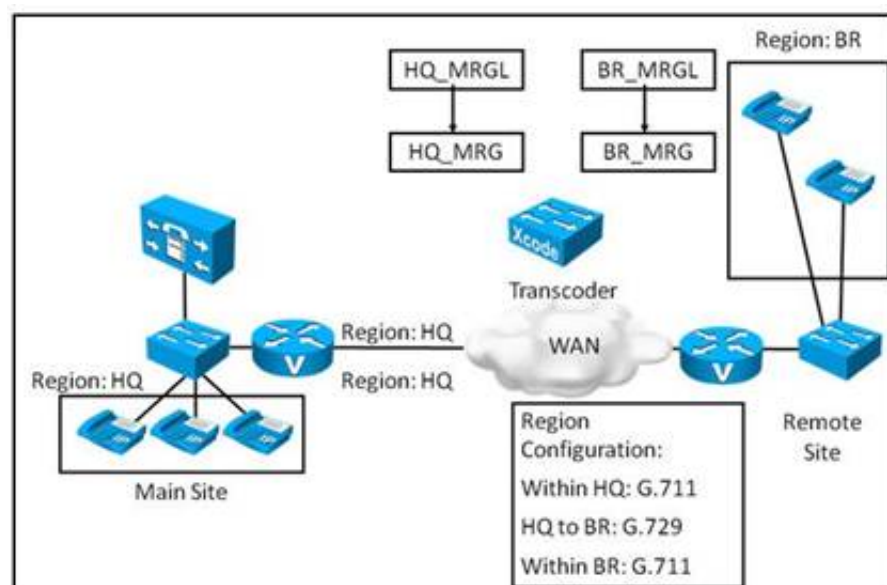You are configuring Troubleshooting Perfmon Data-Logging parameters.
You want to specify the Cisco recommendeDFile size that can be stored in a perfmon log file. What is the maximum file size value that you must specify?

A. 5 MB
B. 50 MB
C. 100 MB
D. 150 MB
E. 500 MB
F. 600 MB

Answer: C

NEW QUESTION 270
Refer to the exhibit.

HQ_MRGL is assigned to the HQ IP phones BR_MRGL is assigned to the BR IP phones. The remote site BR IP phones only support G.711 codec. When a Call is placeDFrom an HQ phone to ABR phone, the call fails. Which statement indicates how this issue is resolved?

A. Configure the transcoder at the HQ site and assign it to HQ_MRG
B. A transcoder is not neede
C. The HQ phones will automatically change over to G.711 codec.
D. The transcoder should be assigned to its own MRG, which should then be assigned to the default device pool at HQ.
E. Configure the transcoder at the BR site and assign it to BR_MRG

Answer: D

NEW QUESTION 271
On a VCS, which CLI command resolves the issue represented by this error message?
"Cluster replication error: this peer's configuration conflicts with the master's configuration, manual synchronization of configuration is required"

A. xCommanDFeedbackDeregiser ID: 1
B. xcommanDForceConfigUpdate
C. xCommanDEdgessopurgetokens
D. xCommand PolicyServiceDelete PolicyServiceid: 1
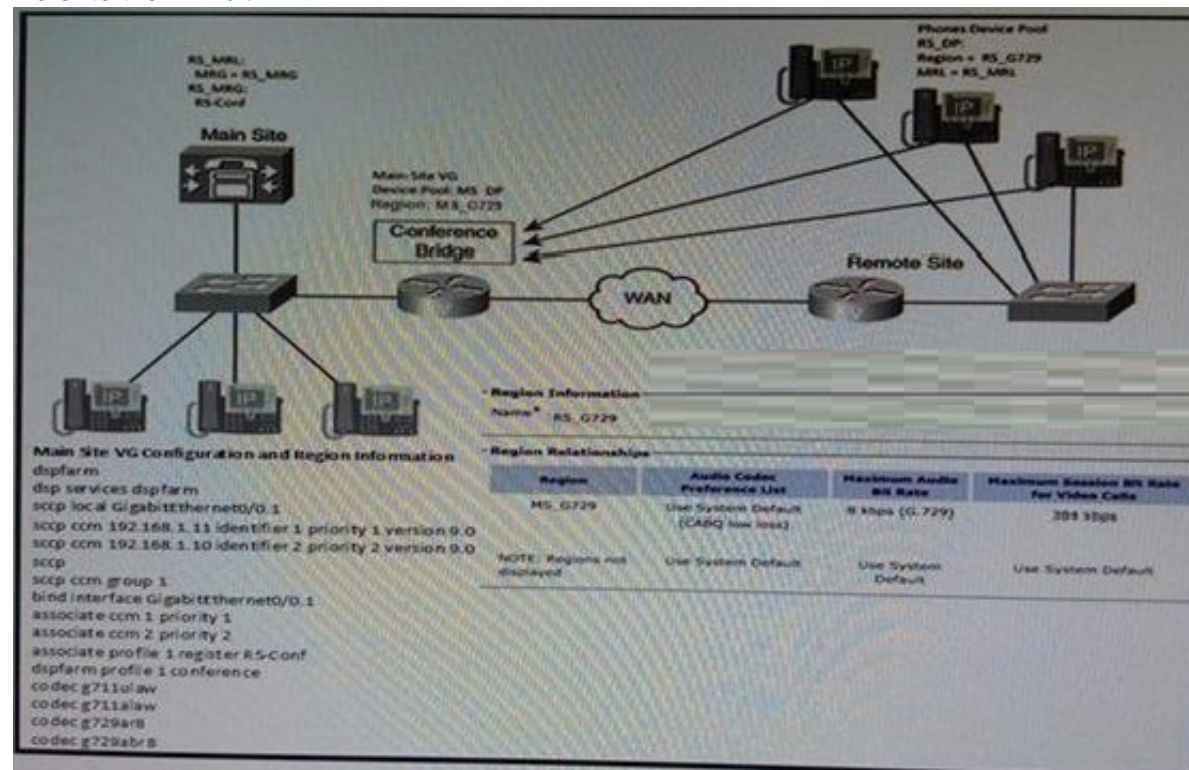
Answer: B

NEW QUESTION 276
Partitions can be assigned to which two items? (Choose two)

A. directory numbers
B. trunks
C. devices
D. gateways
E. IP phones

Answer: AD

NEW QUESTION 277
Refer to the Exhibit.

What happens if the three phones at the remote site try to establish a Conference call with each other?

A. The call fails, because the main site conference bridge is not registered with CUCM
B. The call establishes and uses codec G.711 because the main site VG is configured to use codec
C. 711 as the preferred codec.
D. The call fails, because the main site VG cannot support three participants in a Conference call.
E. The call establishes and uses codec G.729, because the RS region is set to use codec G.729 with the MS region in CUCM

Answer: D

NEW QUESTION 279
Refer to the exhibit.

ACustomer has two Cisco Unified Communications Manager clusters (NY and CAL). The customer recently tried to enable intercluster communication between these clusters. When NY users call CAL, they get a
fast-busy tone. A network administrator collects Cisco CallManager traces and sees the displayed SIP message coming from the remote Cisco Unified Communication Manager (CAL cluster). What is a likely reason for this?

A. Cisco CallManager service is shut down on the CAL cluster.
B. The SIP service is shut down on the CAL cluster.
C. The SIP trunk on the CAL cluster is configured incorrectly.
D. Cisco CTI Manager service is shut down on the CAL cluster.
E. The remote Cisco IP phone is not registered.

Answer: E

NEW QUESTION 282
A user takes an IP phone from one office to another and just called you to inform that the phone does not work in the new location. Which three things should you check to resolve the issue? (Choose three)

A. Make sure that the device mobility information contains the correct IP subnet information.
B. Make sure that physical locations are properly assigned under device pools.
C. Recreate the phone under a new cluster.
D. Make sure that the device pool is assigned to a device mobility group.
E. Reconfigure the remote destination profile.
F. Check whether the phone is registered under a different MAC address.
G. Check the local DHCP information for possible clues.

Answer: ABG

NEW QUESTION 287
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 isolate this issue?

A. debug call-mgmt
B. debug ras
C. debug voip ccapi inout
D. debug mgcp errors
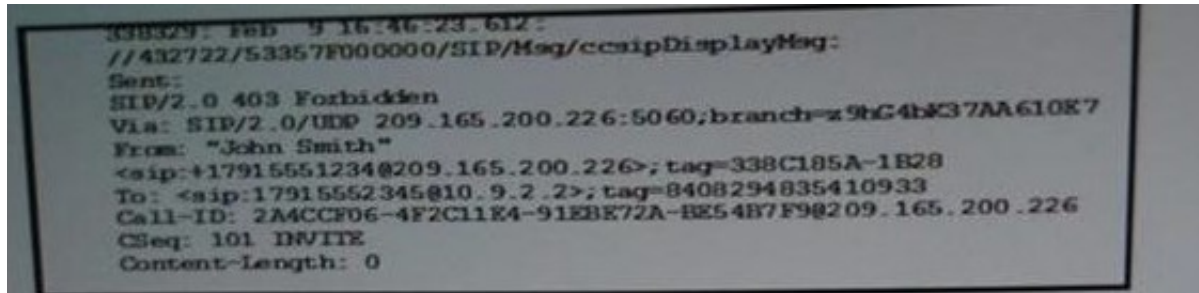E. debug ccsip error

Answer: C

NEW QUESTION 288
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 293
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 296
An engineer configured a Cisco TelePresence server with two Cisco acquired Codian devices. Users are reporting that the image looks frozen and the audio contains static and is garbled on one of the devices. What is the root cause of the issue?
Refer to the exhibit.
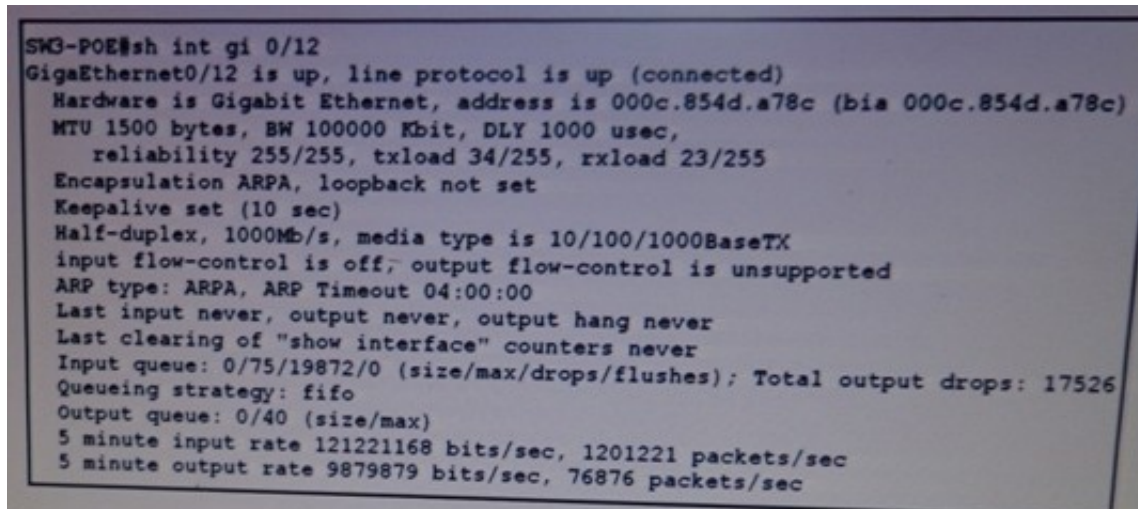
A. There is a mismatch in the port configuration.
B. The input flow control is off.
C. The QoS that is configured on the port is set to FIFO
D. There are packet drops in the ingress queues

Answer: D

NEW QUESTION 298
a Company has a headquarters and a remote site. Cisco Unified Communications Manager (CUCM) acts as a DHCP server. Both sites use their local voice

gateways tor PSTN calls. At the headquarters site, the PSTN prefix is 9, and the emergency number is 911. At the remote site, the PSTN prefix is 0, and the emergency number is 112. Here are the deployment policies for roaming devices:
• Softphones can roam between two sites.
• A roaming softphone uses the local gateway for all PSTN calls.
• The user keeps home dial habits on a roaming softphone, with the exception of the emergency number. When a headquarters user uses a softphone at the remote site, prefix 9 can be used to make PSTN calls via voce gateway in the remote site, but emergency number 112 does not work. Which setting on CUCM should be checked?

A. Device Mobility Group
B. Physical Location
C. DHCP subnet
D. Device Mobility Info

Answer: D

NEW QUESTION 299
In a SIP direct call setup, the originating UAC sends what message to the UAS of the recipient?

A. INVITE
B. RINGING
C. ACK
D. OK

Answer: A

NEW QUESTION 301
Which three items are displayed on the endpoint registration verification page in Cisco VCS? (Choose three.)

A. E.164 address
B. endpoint name
C. endpoint MAC address
D. endpoint registration status
E. device description
F. device type
G. device pool

Answer: ABF

NEW QUESTION 304
An administrator decides to factory reset a Cisco TelePresence System EX90 after the log analysis failed to provide the reason for an intermittent one-way audio issue.
What can the Administrator expect after the reset is performed?

A. The release keys and option keys are deleted.
B. The release keys and option keys are preserved.
C. The system needs to be manually powered up after the factory reset.
D. The call logs are preserved.

Answer: C

NEW QUESTION 308
An engineer notices that some SCCP phones are not displaying the correct time, but the phones are registered and working property. Which three options should be performed in Cisco Unified Communications Manager to fix the phone time issue' (Choose three.)

A. Verify that the device pool has the coned Date/Time Group configured.
B. Ensure that the phone on time field on the phone configuration page is chosen.
C. Check the CUCM OS Admin page to ensure that NTP servers are accessible.
D. Verify that the Date/Time Group has the correct phone NTP reference configured.
E. Check the phone NTP Reference configuration for configured server.
F. Verify that the Date/Time group has the correct time zone configured.

Answer: ADF

NEW QUESTION 310
The CLI command utils dbreplication reset all was run on a Cisco Unified Communications Manager However, replication failed to restart Which course of action should be taken to resolve this issue?

A. Issue the CLI command utils dbreplication clusterreset.
B. Issue the CLI command utils dbreplication reset.
C. Restart the replication from the Cisco Unified communications Manager RTMT tool
D. Issue the CLI command utils dbreplication runtimestate.
E. Issue the CLI command utils dbreplication clusterreset all.

Answer: C

NEW QUESTION 314
What is the default maximum login time for a user in Cisco Extension Mobility?

A. 1 hour
B. 2 hours
C. 4 hours
D. 8 hours
E. 10 hours
F. 12 hours
G. 4 hours
H. 8 hours
I. 10 hours
J. 12 hours
K. 8 hours
L. 10 hours
M. 12 hours
N. 10 hours
O. 12 hours
P. 12 hours

Answer: D

NEW QUESTION 318
During a Conference that is hosted on a Cisco TelePresence Server, which three circumstances determine that some participants do not have video, but they do have audio? (Choose three.)

A. The participants have no video component.
B. No free screen licensing ports are available.
C. No video ports are available in a slave Cisco TelePresence Server configuration.
D. The maximum number of participants is exceeded.
E. In all Cisco TelePresence deployments, some participants are connected only via audio.
F. No video ports are available in a single Cisco TelePresence Server configuration.

Answer: BCF

NEW QUESTION 321
ACME Corporation is deploying a new voice gateway. The network administrator is trying to configure the ISDN PRI T1 cards. However the router does not accept the controller t1 0/0/0 command. The administrator sees this error message: "% Invalid input detected at '^' marker." To diagnose this problem, which two commands should the administrator use? (Choose two.)
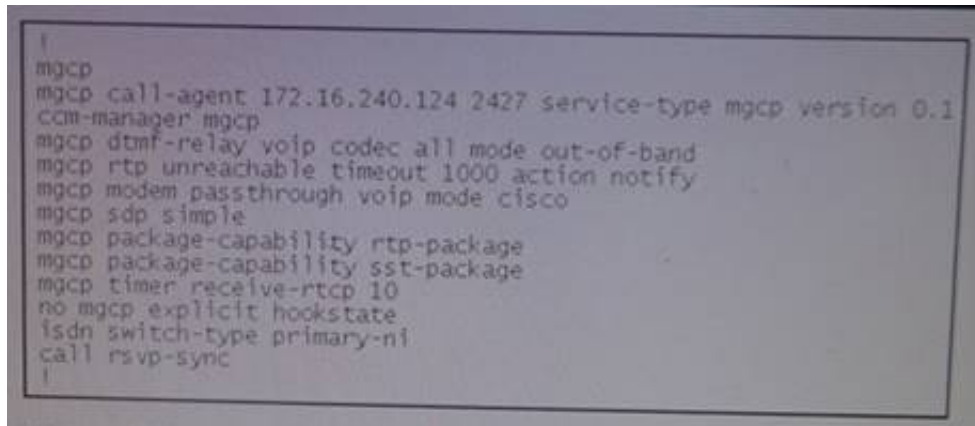
A. Use the card type t1 command
B. Use the show call active voice brief command
C. Use the show inventory command
D. Use the feature activate isdn command
E. Use the clock source line command

Answer: BE

NEW QUESTION 325
ACustomer reports trial calls that are made through the PSTN gateway drop after few seconds of being placed on mute. Which MGCP configuration command can you issue in the gateway to resolve this problem?
Refer to the exhibit.


```
!
mgcp
mgcp call-agent 172.16.240.124 2427 service-type mgcp version 0.1
ccm-manager mgcp
mgcp dtmf-relay voip codec all mode out-of-band
mgcp rtp unreachable timeout 1000 action notify
mgcp modem passthrough voip mode cisco
mgcp sdp simple
mgcp package-capability rtp-package
mgcp package-capability sst-package
mgcp timer receive-rtcp 10
no mgcp explicit hookstate
isdn switch-type primary-ni
call rsvp-sync
!
```

A. mgcp explicit hookstate
B. mgcp max-walling-delay
C. no mgcp rtp unreachable timeout
D. no mgcp timer receive-rtcp

Answer: C

NEW QUESTION 328
An engineer configured Cisco Extension Mobility for a user. The user can log in to the profile but notices that the extension is not correct. Which component should the engineer check first to verify the user extension?

A. UC Service
B. Device Profile
C. User Profile
D. Phone Service

E. SIP Profile

Answer: A

NEW QUESTION 330

Which Cisco Unified Communications Manager tool can you use to troubleshoot issues with international calling?

A. Cisco Prime
B. Cisco Deployment Tool
C. RTMT
D. Dialed Number Analyzer

Answer: C

NEW QUESTION 333

In Cisco Unified Communications Manager (CUCM), you have three Service Advertisement Framework (SAF) forwarders configured, what happens when the primary and the backup SAF forwarders fail?

A. You will need to designate another primary SAF forwarder.
B. CUCM continues to work without connecting to the third SAF forwarder.
C. The third SAF forwarder automatically becomes the primary SAF forwarder.
D. CUCM tries to reconfigure the existing primary and backup SAF forwarders.
E. TCP timer continues to initiate connection with the primary and backup SAF forwarders.
F. Primary and backup SAF forwarders are re-initated automatically.

Answer: B

NEW QUESTION 334

Which alarm string purges all learned patterns from the Cisco Unified Communications Manager?

A. DuplicateLearnedPattern
B. SAFForwarderError
C. CCDIPReachableTimeOUT
D. CCDPSTNFailOverDurationTimeOUT
E. CCDLearnedPatternLimitReached

Answer: E

NEW QUESTION 336

A system administrator receives a help ticket stating that users at a remote office are unable make three-way calls What should the administrator do in the cisco Unified Communications Manager configuration to troubleshoot the issue?

A. Check the media resources for a registered conference bridge anDEnsure that it is added to the correct region for that office.
B. Check the media resources for a registered Media Termination point anDEnsure that it is added to the correct Media Resource Group for that office.
C. Check the media resources for a registered Media Termination point anDEnsure that it is assigned to a location for that office.
D. Check the media resources for a registered conference bridge anDEnsure that it is assigned to the right Media Resource Group for that office.

Answer: D

NEW QUESTION 337

Refer to the exhibit.

```
19:14:54 Configuring IP
19:15:00 Updating Trust List
19:15:01 Trust List update failed
```

After migrating a Cisco IP phone to a new cluster, the phone continues to register with its old Cisco Unified Communications Manager cluster. The Cisco IP phone status message indicates the error that is shown. What is a possible cause for this error condition?

A. The phone cannot reach its new TFTP server.
B. The phone is not provisioned correctly on the destination cluster.
C. The new TFTP server is not in the ITL file.
D. Cisco CallManager services are not running on the destination cluster.

Answer: C

NEW QUESTION 342

You recently configured a system for B2B SIP URI calls, and users confirmed that they could make calls. You are receiving multiple reports that inbound calls are failing and that users are not receiving calls to their URI. You confirm that all zones between expressways are active, and the trunk between Cisco Unified Communications Manager and Cisco VCS Expressway is active. You also see that the inbound call is sent from Cisco VCS Expressway C to Cisco Unified Communications Manager. Why are the calls failing?

A. The Cisco Unified Communications Manager FQDN was not set.
B. The cluster FQDN was not set in Enterprise Parameters.
C. The certificate is not valid.
D. The cluster FQDN was not set in Service Parameters.

E. The FQDN was not registered in DNS.

Answer: B

NEW QUESTION 344
You discover that ACCD client is failing to learn patterns with RTMT. Which two actions can you take to troubleshoot the problem? (Choose two.)

A. Verify that the SIP trunk between Cisco Unified Communications Manager and the Cisco Unified Presence Server is configured correctly.
B. Verity that the trunk is selected for the CCD advertising service.
C. Verify that the trunk is selected for the CCD requesting service
D. Verify that EIGRP topology information is available to the SAF Forwarders.
E. Verify the SAF configuration.

Answer: CE

NEW QUESTION 349

Refer to the exhibit. An engineer is troubleshooting an issue with a newly configured transcoder. After the engineer configures the IOS device and Cisco Unified Communications Manager (CUCM), the device will not register. What must the engineer reconfigure to fix this issue?

A. the device type on CUCM
B. the device pool on the transcoder
C. the router to match the profile name
D. the router to remove any unnecessary codecs

Answer: A

NEW QUESTION 352
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