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Vendor:Cisco

Exam Code:300-080

Exam Name:Troubleshooting Cisco IP Telephony and
Video

Version:Demo

QUESTION 1

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.

Correct Answer: D

QUESTION 2

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. Configuration > Conference > Rate > 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 > System Configuration > Conference > Participants and click the triangle to get more call detail.
- D. Call Control > Call Control > Participants and click the triangle to get more call detail.

Correct Answer: D

QUESTION 3

```
00018161.010 |20:49:58.585 |AppInfo |Digit analysis: patternUsage=5
00018161.011 |20:49:58.585 |AppInfo |Digit analysis: match(pi="2", fqc="1001",
cn="1001", plv="5", pss="HQ-TRANSLATIONS:HQ-911:HQ-INTERNAL", TodFilteredPss="HQ-
TRANSLATIONS:HQ-911:HQ-INTERNAL", dd="1010", dac="0")
00018161.012 |20:49:58.585 |AppInfo |Digit analysis: analysis results
00018161.013 |20:49:58.585 |AppInfo ||PretransformCallingPartyNumber=1001
|CallingPartyNumber=1001
|DialingPartition=HQ-INTERNAL
|DialingPattern=1010
|FullyQualifiedCalledPartyNumber=101!
|DialingPatternRegularExpression=(1010)
|DialingWhere=
|PatternType=Enterprise
|PotentialMatches=ForegoPotentialMatches
|DialingsSdlProcessId=(0,0,0)

|PretransformDigitString=1010
|PretransformTagsList=SUBSCRIBER
|PretransformPositionalMatchList=1010
|CollectedDigits=12310101
```

Refer to the exhibit. An engineer recently configured a Cisco Unified Communications Manager cluster. The users are reporting that extensions starting with 10 are routing to a different office. Based on the output, what is the root cause of the issue?

- A. The destination partition is missing from the assigned calling search space
- B. Urgent priority is chosen on a translation or route pattern
- C. The incorrect calling search space was assigned to the phones
- D. The extension is a shared line, and one of the phones is unregistered

Correct Answer: A

QUESTION 4

In a Cisco Unified Communications Manager call trace, which string indicates an intrasite call?

- A. OutsideDialtone = [1]
- B. cmDeviceType=[AccessDevice]
- C. OutsideDialtone= [0]
- D. OutsideDialtone-[2]

Correct Answer: A

QUESTION 5

Please choose four mandatory features of an H.323 gatekeeper from the following items.

- A. Admission control
- B. Address resolution
- C. Bandwidth control
- D. Zone management

Correct Answer: ABCD

QUESTION 6

A user of Cisco Jabber for Windows reports that SIP calls to C series and MX series endpoints registered to Cisco Expressway are dropping after exactly 15 minutes. Which action can resolve the issue?

- A. Change the SIP Session Expires Timer to 1800.
- B. Increase the bandwidth between Cisco Unified Communications Manager and the Expressway.
- C. Change the SIP UDP/IX filter mode to on at the Expressway advanced zone settings.
- D. Upgrade the Expressway series to support continuous calls.

Correct Answer: A

QUESTION 7

When you are dialing from an internally registered device on Cisco VCS, in which order are the options processed to determine the call routing?

- A. CPL, Transforms, FindMe, Search Rules
- B. CPL, FindMe, Transforms, Search Rules
- C. Transforms, CPL, FindMe, Search Rules
- D. Search Rules, Transforms, CPL, FindMe
- E. FindMe, CPL, Transforms, Search Rules

Correct Answer: C

QUESTION 8

You are experiencing bad video quality in calls, and you suspect packet loss in the network. Both the network switch and the collaboration endpoint network interfaces are set to autonegotiation, but the reported port speed and duplex settings do not match. Which action should you take?

- A. Set the collaboration endpoint to use a manual speed and duplex setting of 100 Mbps and full duplex, and keep the switch port setting as "auto."
- B. Configure the switch port to use a manual speed and duplex setting of 100 Mbps and half duplex, and keep the collaboration endpoint setting as "auto."
- C. Keep both the switch port and collaboration endpoint settings as "auto," because this configuration is not responsible for the mismatched settings that were reported.
- D. Set both the collaboration endpoint and the switch port to use manual speed and duplex settings of 100 Mbps and full duplex.

Correct Answer: D

QUESTION 9

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 to troubleshoot the problem? (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 transcoder is registered with Cisco Unified Communications Manager
- E. Verify that the transcoder is running the latest firmware and flash NVRAM.

Correct Answer: AD

QUESTION 10

Refer to the exhibit. A new phone was installed and currently has issues registering with Cisco Unified Communications Manager.

The phone received its IP address via DHCP, with options 3 and 150.

Which two actions would enable the phone to download its configuration automatically? (Choose two.)

Phone URL Parameters	
URL Authentication	<input type="text" value="http://cucm.disco.com:8080/ccmip/authenticate.jsp"/>
URL Directories	<input type="text" value="http://cucm.disco.com:8080/ccmip/xmldirectory.jsp"/>
URL Idle	<input type="text"/>
URL Idle Time	<input type="text" value="0"/> <input type="text" value="0"/>
URL Information	<input type="text" value="http://cucm.disco.com:8080/ccmip/GetTelecasterHelpText."/>
URL Messages	<input type="text"/>
IP Phone Proxy Address	<input type="text"/>
URL Services	<input type="text" value="http://cucm.cisco.com:8080/ccmip/getservicesmenu.jsp"/>

- A. Change the phone URL parameters to IP addresses.
- B. Provide DHCP option 6 to the phone via DHCP.
- C. Reboot the phone.
- D. Change the VLAN that the phone is assigned to.
- E. Manually assign the phone settings.
- F. Provide DHCP option 15 to the phone via DHCP.

Correct Answer: AB

QUESTION 11

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 rejected. Set the Policy to "Allow List" so that the endpoint can register themselves and then reassign the "Deny List" Setting for security reasons.
- C. The new endpoint has not been assigned with the correct registration domain, so configure the correct domain on the endpoint.
- D. The Registration Policy is set to "Allow List" and the newly added endpoint has to be added to the list, because only listed devices are allowed to register

Correct Answer: D

QUESTION 12

Which statement about the configuration of a SAF Forwarder in a multisite dial plan is true?

- A. In a multisite dial plan, SAF Forwarders are used to store SAF advertisements.
- B. In a multisite dial plan, SAF Forwarders may exist in multiple autonomous systems.
- C. In a multisite dial plan, SAF Forwarders may periodically broadcast/flood service advertisements.
- D. In a multisite dial plan, SAF Forwarders distribute, but they do not maintain SAF service availability information.

Correct Answer: C

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