



642-427^{Q&As}

Troubleshooting Cisco Unified Communications v8.0 (TVOICE v8.0)

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QUESTION 1

Refer to the exhibit.

System	
CCT Regression Test Only *	0
CDR Enabled Flag *	True
CDR Log Calls with Zero Duration Flag *	False
Digit Analysis Complexity *	StandardAnalysis
Database Debounce Timer *	0
Maximum Phone Fallback Queue Depth *	10
Maximum Number of Registered Devices *	5000
System Initialization Timer *	60

SDL Trace	
SDL Trace Data Flags *	0x00000111
SDL Trace Flush Immediately *	False
SDL Trace Data Size *	0
SDL Trace Flag *	True
SDL Trace Max File Size *	2
SDL Trace Total Number of Files *	375
SDL TraceType Flags *	0x8000EB15



An engineer is troubleshooting an outbound call and needs to see each step of the dial plan as it is being parsed in the system. The engineer is not able to see all of the steps in the trace output. How can this problem be resolved?

- A. Change the SDL Trace Flush Immediately to True.
- B. No change is needed; the steps are automatically shown in trace files.
- C. Change the SDL TraceType Flag to 0x9000EC44
- D. Change the SDL Trace Max File Size to a higher number because it is not large enough to display dial plan steps.
- E. Change the Digit Analysis Complexity to TranslationAndAlternatePatternAnalysis.

Correct Answer: E

QUESTION 2

Refer to the exhibit.



```
(output omitted)

controller T1 0/0/1
 framing esf
 linecode b8zs
 cablelength short 133
 pri-group timeslots 1-24
 description PRI to 3rd Party PBX

interface Serial0/0/1:23
 description PSTN
 no ip address
 encapsulation hdlc
 isdn switch-type primary-ni
 isdn incoming-voice voice
 isdn negotiate-bchan
 no cdp enable

dial-peer voice 1 pots
 destination-pattern 456
 port 0/0/1:23
 prefix 456

dial-peer voice 2 voip
 destination-pattern 4565000
 session target ipv4:10.10.10.100

(output omitted)
```

All calls to 4565000 must be routed to the Cisco Unified Communications Manager server 10.10.10.100. All other 7-digit numbers that start with 456 must be routed to the third-party PBX. Which change is needed to route calls to 4565000 to the Cisco Unified CM server 10.10.10.100 and route all other 7-digit numbers that start with 456 to the third-party PBX?

- A. Remove prefix 456 from dial peer 1.
- B. Change dial peer 1 to destination-pattern 456....
- C. Change dial peer voice 1 pots to dial peer voice 100 pots.
- D. Change dial peer 2 to session target 10.10.10.100.

Correct Answer: B

QUESTION 3



What happens if CDP is not enabled on a switch port to which an IP phone is connected?

- A. The phone is unable to acquire an IP address.
- B. The phone cannot get its VLAN ID assignments.
- C. The phone cannot learn the address of the TFTP server.
- D. The switch will put the port into the errDisable state until CDP is enabled.

Correct Answer: B

QUESTION 4

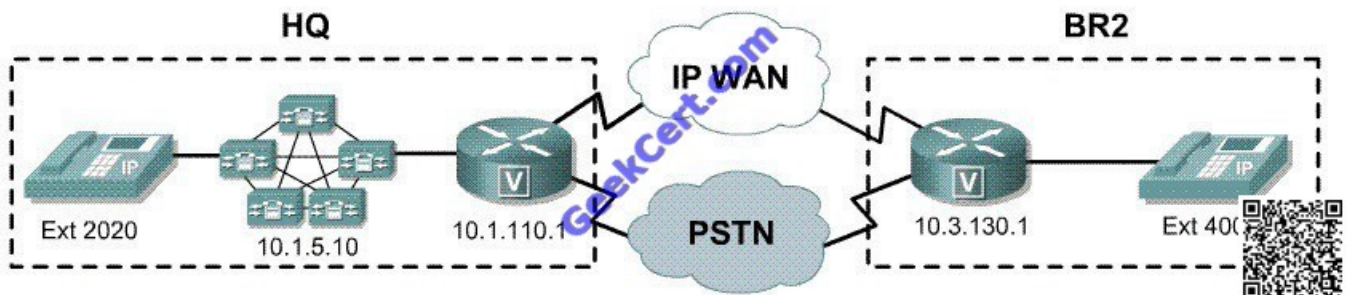
Look at the following exhibit carefully.

You can click the Voice Gateway for the BR2 location to see the output from the debug voice ccapi inout command and click on 10.1.5.10 to view and search the trace file output. You can also enter a string in the Search box and click the Find

button to search the output. X can be clicked to back to the item.

As a network technician, you have recently configured a trunk between the Cisco Unified CallManager cluster at 10.1.5.10 and a CME at a 10.3.130.1. However, in the testing of this configuration, you discover that you cannot complete any

call when dialing from ext. 2020 to ext.4001 or from ext.4001 to ext.2020. Please choose the most possible reason from the following statements.



- A. A transaction rule has been applied that is keeping the call from being completed.
- B. The CSS has been omitted from the trunk configured to BR2.
- C. An incorrect CSS has been applied to the gateway at HQ.
- D. The trunk IP address in the Cisco Unified CallManager information field is incorrect.

Correct Answer: D



QUESTION 5

A junior engineer has attempted to configure an MGCP gateway to register with a Cisco Unified Communications Manager cluster. Which troubleshooting approach is most relevant to achieving MGCP gateway registration with the Cisco Unified CM cluster?

- A. Make the gateway hostname match the MGCP gateway name in Cisco Unified CM.
- B. Create a VoIP dial peer on the MGCP gateway to point to the Cisco Unified CM cluster.
- C. Remove all H.323-related commands on the MGCP gateway.
- D. Remove all gatekeeper-related commands on the MGCP gateway.

Correct Answer: A

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