



642-437^{Q&As}

Implementing Cisco Unified Communications Voice over IP and QoS
v8.0 (CVOICE v8.0)

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QUESTION 1

Which protocol has a centralized configuration?

- A. MGCP
- B. H.323
- C. SIP
- D. SCCP

Correct Answer: A

QUESTION 2

Which process does a voice gateway use to determine how to route an outbound call?

- A. The voice gateway uses the called number to match the destination pattern of outbound dial peers using the first-match rule.
- B. The voice gateway uses the calling number to match the destination pattern of the outbound dial peers using the longest-match rule.
- C. The voice gateway uses the first-match rule to match the calling number to the destination pattern of the outbound POTS and VoIP dial peers.
- D. The voice gateway uses the longest-match rule to match the called number to the destination pattern to the outbound POTS or VoIP dial peers.

Correct Answer: D

QUESTION 3

Refer to the exhibit. What will the class map do if a packet arrives that is marked with a CoS of 6 and a DSCP value of EF?



```
!
class-map match-all ip-voice
match cos 5
match dscp ef
!
policy-map ip-voice
class ip-voice
set dscp ef
!
interface FastEthernet 0/1
service-policy output ip-voice
!
```

- A. The class map will match the packet and forward it to the policy map to be marked.
- B. The class map will not map the packet and no QoS will be applied
- C. The class map will wait for the next packet in the stream to see if it has a CoS marking of 5 and then forward both packets to the policy map.
- D. For the packet to be forwarded to the policy map, it must have either a CoS of 5 or a DSCP value of EF.

Correct Answer: B

Explanation: If there is no match for a packet, no QoS processing occurs on the packet and the switch offers best-effort service to the packet. http://www.cisco.com/en/US/docs/switches/lan/catalyst2960/software/release/12.2_25_see/configuration/guide/swqos.html

QUESTION 4

Which three methodologies are specific types of QoS used on a 512-kb/s point-to-point IP WAN link? (Choose three.)

- A. header compression
- B. FRF.12
- C. LLQ
- D. Multilink PPP
- E. RSVP

Correct Answer: ABC

QUESTION 5

Refer to the exhibit.



```
Jun  4 18:12:50.259: TFTP: Looking for CTLSEP2893FE13980F.tlv
Jun  4 18:12:50.311: TFTP: Looking for ITLSEP2893FE13980F.tlv
Jun  4 18:12:50.367: TFTP: Looking for ITLfile.tlv
Jun  4 18:12:50.555: TFTP: Looking for SEP2893FE13980F.cnf.xml.sgn
Jun  4 18:12:50.675: TFTP: Looking for XMLDefault.cnf.xml.sgn
Jun  4 18:12:51.247: TFTP: Looking for SK72F64050-7ad5-4b47-9bfa-5e9ad9cd4aa9.x
Jun  4 18:13:00.299: TFTP: Looking for term65.default.loads
Jun  4 18:13:00.783: TFTP: Looking for term65.default.loads
```



A new Cisco Unified Communications Manager Express system has been deployed and the technician is trying to add the first new IP phone to the system. The phone powers up, but it does not register with the system. The technician has verified that the phone is getting the proper VLAN information from Cisco Discovery Protocol. The phone is also getting the correct IP address and TFTP server address from DHCP. The phone has been assigned to an ephone and the correct MAC address is configured. With the information provided, which two of the following does the administrator need to verify to resolve this situation? (Choose two.)

- A. Verify that the ip helper-address is correctly configured.
- B. Verify that telephony-service has been configured.
- C. Verify that the ephone has a button assigned.
- D. Verify that the tftp-server path has been configured.
- E. Verify that the Cisco Unified Communications Manager Express service is running.
- F. Verify that the correct phone type files are in the tftp-server path.

Correct Answer: DF

Explanation: Since the phone is getting the correct TFTP address, the next thing that needs to be verified is the TFTP Server path and IP Reachability for the IP Phone to the TFTP Server. Once the TFTP settings has been verified, check if the files mentioned in the termxx.defaults.loads file is available in the TFTP Server for the phone to download.

http://www.cisco.com/en/US/docs/voice_ip_comm/cuipph/7960g_7940g/7_0/sip/english/administration/guide/7960trbS.html

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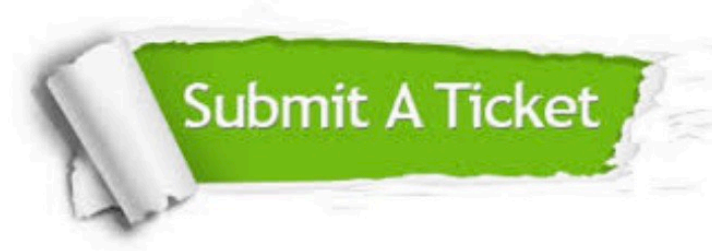
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