

**QUESTION NO: 1**

Which three should be investigated when validating a wireless network design? (Choose three.)

- A. Installed ductwork and walls
- B. Locations of network servers
- C. Other wireless networks in the area
- D. Operating system of user machines
- E. Environmental, moisture, temperature variations

**Answer: A,C,E**

**QUESTION NO: 2**

Within an S8500 Server, 25 IP Telephony endpoints are connected to 10 digital sets, 10 IP sets, and 5 CO trunks. How many TN2602 Media Processor boards are required if G.729 is incorporated?

- A. 1
- B. 2
- C. 3
- D. 4

**Answer: A**

**QUESTION NO: 3**

A client is implementing an S87xx Media Server with several G650 Media Gateways. They are concerned with overheating in the equipment room, especially in the equipment power units. Which two conditions cause a G650 power supply to initiate an emergency shutdown? (Choose two.)

- A. Overvoltage
- B. Overheating
- C. Undervoltage
- D. High humidity

**Answer: A,B**

**QUESTION NO: 4**

The customer has a multi node LAN with connectivity to a 16 location multi-vendor (Juniper, Cisco, 3Com and Avaya) WAN. When implementing VoIP on this network, which two routing protocols should be implemented? (Choose two.)

- A. RIP
- B. IGRP
- C. ID 10t
- D. OSPF

**Answer: A,D**

**QUESTION NO: 5**

A customer wants to use an Avaya S87xx Media Server with Avaya G700 Gateways at remote locations. Each G700 Gateway will include an S8300 Local Survivable Processor and approximately 75 IP sets incorporating G.711. What Avaya feature allows IP sets to register with the S8300 if connectivity to the S87xx is lost?

- A. Local CLAN board
- B. Alternate Gatekeeper
- C. S8300 Auto-Registration
- D. Gateway Alternate Redirection

**Answer: B**

**QUESTION NO: 6**

If a customer has multiple systems from different vendors and wants to network them together, which software should be used?

- A. DCS
- B. ARS
- C. UDP
- D. QSIG

**Answer: D**

**QUESTION NO: 7**

You are preparing to design an IP Telephony-based S87xx. You are assisting the client in determining the type of QoS/CoS they should incorporate on their data network. What do you recommend? (Choose two.)

- A. Routed networks should use IEEE 802.1p/Q.
- B. Switched networks should use IEEE 802.1p/Q.
- C. Mixed networks should use either DSCP or IEEE 802.1p/Q.
- D. Routed networks should use DiffServ Code Points (DSCP).

**Answer: B,D**

**QUESTION NO: 8**

A sales engineer completes an S87xx Media Server/G650 Media Gateway design which includes IP Telephony, multi-locations, and LAN/WAN integration. One of the deliverables for handoff to the implementation team is the network region design. What four IP endpoint characteristics may be included in the network region design document? (Choose four.)

- A. Codec set
- B. UDP port ranges
- C. 802.1p/Q settings
- D. VLAN assignments
- E. Identification of locations

**Answer: A,B,C,E**

**QUESTION NO: 9**

A customer has an Avaya S87xx Media Server with an Avaya G650 Media Gateway. They want the remote site tied-in to the main. The remote site has a DSL line for Internet Access. They currently have a secure VPN tunnel to the main site and want to implement VoIP over this tunnel. What is your biggest concern as a designer?

- A. NAT issues
- B. Implementation issues
- C. Security cannot be guaranteed
- D. Voice quality cannot be guaranteed

**Answer: D**

**QUESTION NO: 10**

You have a corporate site with an S87xx Media Server in location A, and a remote site with an G700/S8300 LSP processor in Location B. The WAN connection goes down. In what sequence will the G700 register with the S8300?

- A. Each H.248 gateway will reboot and register with the S8300 LSP when it comes back up.
- B. The S8300 LSP processor reboots, and then notifies each H.248 gateway it is now the primary call processor.
- C. The S8300 LSP processor notifies each H.248 gateway in the media controller list that it is now the primary call processor.
- D. Each H.248 gateway will detect that the S87xx Media Server is not available and will reregister with the next Media Server in the media controller list.

**Answer: D**

**QUESTION NO: 11**

In a distributed S87xx Media Server system with G650 Media Gateways in 3 port networks, what is the distance concern with the TDM cable length?

- A. Due to the length of the TDM cable, the slack must be coiled and secured to the back of the PN.
- B. The TDM cable can be ordered to custom fit the system. The designer must know the PN to G650 layout.
- C. If the incorrect cable length attribute is chosen, it will not allow the associated G650s to connect to the PN.
- D. Due to its limited length, each G650 of a PN must be co-located in the same 19 inch data rack as the rest of the PN.

**Answer: D**

**QUESTION NO: 12**

Your customer solution requirements call for a mix of SIP and H.323 endpoints. Which entity in the SIP Infrastructure can perform routing of sessions invitations, authentications and accounting functions?

- A. SIP Proxy
- B. SIP redirect
- C. SIP registrar
- D. SIP media gateway controller

**Answer: A**

**QUESTION NO: 13**