

# QUESTIONS & ANSWERS

Kill your exam at first Attempt



**Avaya**

# 132-S-900

*Avaya IP Telephony Design Elective*

**QUESTION: 101**

A customer has two buildings in a campus LAN environment. The current number of employees is 200 and they are adding another building with 100 employees next year. Each employee is expected to have one IP phone. What is the appropriate IP addressing scheme for the IP phones with the anticipated growth?

- A. 10.1.1.254/21
- B. 172.16.1.0/23
- C. 192.168.1.0/24
- D. 192.168.1.3/24

**Answer: B**

**QUESTION: 102**

An RFP for a Interactive Voice Response (IVR) unit and mid-sized communication system has been released. You are responsible for determining the design solution. The RFP states that the IVR platform must be engineered to handle 135 25-second messages during the busy hour. You calculate this requirement to equal 47 ports. What is the impact to traffic to the IVR if you provide the ports directly from the Central Office to the IVR via ISDN PRI verses bringing it into the S87xx, then accessing the IVR?

- A. The customer incoming traffic is replicated on the S87xx.
- B. Calls direct to the IVR cannot access database information.
- C. Many calls may be handled on the IVR, completing to a live extension only after exhausting the IVR options.
- D. The calls access the IVR whether through the switch or direct to the IVR. There is no appreciable traffic impact.

**Answer: D**

**QUESTION: 103**

A client has an engineering location with ultra-high density LAN user requirements and a warehouse with very low-density user requirements. Which IEEE standard should be associated with each for a valid design? (Choose two.)

- A. Low-density locations incorporate 802.11b.
- B. Ultra-high density locations incorporate 802.11a.
- C. Ultra-high density locations incorporate 802.11g.

D. Both high and low density users incorporate 802.11g.

**Answer:** A,B

**QUESTION:** 104

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:** 105

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:** 106

Which two recommendations of a network assessment allow Avaya IP phones to boot up properly with dynamic addressing? (Choose two.)

- A. DHCP Site Specific Option 167 being set up correctly
- B. DHCP Site Specific Option 176 being set up correctly
- C. Using Fast Spanning Tree Protocol (FSTP) at the port level

D. Turning off Spanning Tree Protocol (STP) at the switch level

**Answer:** B,C

**QUESTION:** 107

A customer location consisting of 75 users wants to deploy VoIP. The sales team has proposed an Avaya S8300 Media Server solution. What information do you need from the customer to determine if their existing infrastructure can support VoIP? (Choose three.)

- A. VPN map
- B. Network topology maps
- C. Voice and data device inventories
- D. Voice quality baseline measurements
- E. Call Accounting System

**Answer:** B,C,D

**QUESTION:** 108

Which two design considerations must be re-examined any time additional capacity is added to an Enterprise Survivable Server (ESS) strategy? (Choose two.)

- A. Avoid fragmenting the system
- B. Avoid overloading of network resources with excessive call traffic
- C. Avoid locally sourced Music on Hold (MOH) and Voice Announcements over LAN (VAL)
- D. Consider the number and type of trunks between ESS and Local Survivable Processor (LSP) locations

**Answer:** A,B

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