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QUESTION 1

What are four best practices for delivering high quality audio? (Choose four.)

- A. Using 802.1p/Q within Ethernet LANs
- B. Using G.711 on LANs and G.729 on WANs
- C. Using Differentiated Services within routers
- D. Using VLANs to separate voice from data traffic
- E. Using silence suppression to conserve bandwidth

Correct Answer: ABCD

QUESTION 2

Your customer is looking to open a new standalone office to support 80 call center agents with 9630 IP telephones. They will be bringing in two local voice T1s for their call center traffic. The customer will be providing all data equipment. This is a very competitive situation. What is the most cost-effective solution to propose to the customer?

- A. S8500 / G650
- B. S8300 / G450
- C. S8300 / G350
- D. S8300 / IG550

Correct Answer: B

QUESTION 3

Which two Avaya servers provide LSP functionality with Communication Manager 5.0? (Choose two.)

- A. S8300
- B. S8400
- C. S8500
- D. S8730

Correct Answer: AC

QUESTION 4

Currently, your customer has an S87xx series Media Server solution configured for high reliability. They have



determined that they need critical reliability. What additional duplication is required?

- A. Server
- B. Bearer Network
- C. Control Network
- D. Digital Signal Processors

Correct Answer: B

QUESTION 5

Which Avaya Gateway features Standard Local Survivability?

- A. G350
- B. G650
- C. G700
- D. G860

Correct Answer: A

QUESTION 6

In a converged solution, including IP Telephony and merging data and voice on the same network, what common data security item should be considered?

- A. IP monitor watch
- B. LAN monitor watch
- C. codec security bridge
- D. internal and external firewalls

Correct Answer: D

QUESTION 7

Within an S8500 Server, 25 IP Telephony endpoints are simultaneously connected to 10 digital sets, 10 IP sets, and 5 CO trunks. How many DSPs are in use on the TN2602AP Media Processor using a G.729 codec?

- A. 15
- B. 25
- C. 30



D. 50

Correct Answer: A

QUESTION 8

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.

Correct Answer: D

QUESTION 9

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

Correct Answer: BC

QUESTION 10

The S87xx platform is available as a net new system in which configuration?

- A. Voice Bearer over ATM
- B. Stand Alone (S87xx only)
- C. Traditional G3R without IP
- D. Voice Bearer over IP (IP Connect)

Correct Answer: D

QUESTION 11



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

Correct Answer: ACE

QUESTION 12

What is the maximum number of TN2602 IP Media Resource circuit packs allowed in a port network?

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

Correct Answer: B

QUESTION 13

You are installing a converged IP Telephony PBX. You must assign the Avaya IP telephones to the VLAN 10, and the computers to the VLAN 20. The PC's will plug into the switch on the Avaya IP telephones. What is required on the Layer 2 switch to ensure both VLANs 10 and 20 can operate on the same switch port?

- A. 802.1P = 6
- B. DSCP = 42
- C. Port Priority
- D. 802.1Q/p trunk

Correct Answer: D

QUESTION 14

Your Customer wants to have a Call Center environment with IP Telephones, they want to have the maximum reliability/survivability you can offer. Which of the following you will recommend?

- A. S8500 with duplicated IPSI, duplicated media processors and duplicated C-LANS.



B. S87XX with duplicated G650, duplicated IPSI\\s, duplicated media processors, duplicated C- LANS and duplicated control networks.

C. S87XX with one G650, duplicated IPSI\\s, duplicated media processors, duplicated C-LANS and duplicated control networks.

D. S8300 LSP with a G450.

Correct Answer: B

QUESTION 15

What are two reasons for choosing 802.11a hardware for WLAN installs, instead of 802.11b/g? (Choose two.)

A. 802.11a hardware operates at 2.4GHz.

B. 802.11a hardware has greater range than 802.11b/g.

C. 802.11a has a greater number of non-overlapping channels.

D. 802.11a hardware is not disrupted by RF interference from microwave ovens.

Correct Answer: CD

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