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Vendor:Avaya

Exam Code:132-S-900.7

Exam Name:Avaya IP Telephony Design Elective
Exam

Version:Demo

QUESTION 1

A customer has a four-floor building with 170 IP phones per floor and no other locations. The networks are as follows:

Floor 1 - 192.168.10.0/24 Floor 2 - 192.168.20.0/24 Floor 3 - 192.168.30.0/24 Floor 4 - 192.168.40.0/24

The customer would like to add 150 IP telephone sets on each floor. What action, if any, would accommodate the additional IP telephone sets and be the least disruptive to the network?

- A. no action
- B. change to a class A network
- C. change subnet mask to 25 bits
- D. change the subnet mask to 23 bits

Correct Answer: D

QUESTION 2

The customer plans to add remote IP users when they implement VoIP on their network. What information about the customer's data network do you need to know to verify that remote users can be supported?

(Choose three.)

- A. codec administration
- B. network region for each remote user
- C. applications the remote user will be using
- D. bandwidth the remote user will have access to
- E. the average round trip between the VPN users and the voice network

Correct Answer: CDE

QUESTION 3

A major call center outsourcer is in the process of implementing a disaster recovery location and is placing an S8500 Media Server configured as an Enterprise Survivable Server (ESS) at their backup facility. To successfully design a solution that meets the customer needs for survivability and prioritization, what must be done when deploying and administering the ESS servers? (Choose two.)

- A. Avoid overloading the network resources with excessive call traffic
- B. Avoid fragmenting the system so the ESS server controls as much of the network as possible
- C. Ensure that the Manual Backup Server is configured in the priority list of each IP Server Interface (IPSI)

D. Ensure that every Local Survivable Processor (LSP) is aware of any G650 Media Gateways that will register to it in the event of a network outage

Correct Answer: AB

QUESTION 4

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

Correct Answer: AB

QUESTION 5

What is the preferred method for downloading firmware files to IP phones?

- A. TFTP is the preferred method, because it is better suited for large IP telephone deployments.
- B. HTTPS is the preferred method because firmware file downloads are encrypted using Transport Layer Security (TLS).
- C. TFTP is the preferred method because firmware file downloads can be encrypted using Transport Layer Security (TLS).
- D. There is no preferred method. Any of these addresses can be included in Option 176 within the DHCP scope.

Correct Answer: B

QUESTION 6

You outsource a call center that has more than 50 agents running IP Agent software. The router is performing Network Address Translation (NAT) on all private addresses in the call center to a public address of 207.89.3.8. Only one agent can log in because the media server assumes each additional login request from the same IP address is the same agent. Therefore, the current connection is dropped, and the new connection is established. What are two solutions for this problem? (Choose two.)

- A. Create a VPN between the routers
- B. Implement a one-to-one NAT scheme
- C. Implement a one-to-many NAT scheme
- D. Open ports 1719 and 1720 on the firewall

Correct Answer: AB

QUESTION 7

Your Customer plans to move their existing G3r High system to the latest Media Server Technology. Which platform will give them the same level of reliability?

- A. S8500 media server
- B. S87xx media server
- C. S8400 media server
- D. S8300 media server

Correct Answer: B

QUESTION 8

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

Correct Answer: B

QUESTION 9

Your client's department store business has 24 locations worldwide. Each location has its own communications switch and is included in a QSIG network. The stores have standardized on specific extension numbers representing departments. The client is considering moving to a single, distributed S87xx system but is concerned with the loss of dial plan functionalities. Which three common platform-wide issues must be addressed? (Choose three.)

- A. "0" local attendant access
- B. identical names-group members in use in all stores
- C. identical department extension numbers in use in all stores
- D. same announcement extension numbers in use in all stores

Correct Answer: ACD

QUESTION 10

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 11

When carrying voice traffic over VPNs, what negatively affects voice performance? (Choose two.)

- A. Network Address Translation (NAT)
- B. The additional delay due to the encryption process
- C. An acceptable level of service with the VPN provider
- D. Excessive packet loss, delay, and jitter for traffic crossing the Internet

Correct Answer: BD

QUESTION 12

Which terminology correctly describes the relationship between duplicated SES proxies?

- A. Active and Backup
- B. Active and Standby
- C. Primary and Backup
- D. Primary and Standby

Correct Answer: C