



31860X^{Q&As}

Avaya IX Calling Design

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QUESTION 1

You are designing a branch location that needs:

15 H-323 Endpoints 20 SIP Endpoints 1 DS-1 for PSTN trunking 2 Analog Ports Basic Survivability for all Non-SIP endpoints in event of WAN failure

What is the least costly solution that meets all of these requirements?

- A. G450 Media Gateway with S8300
- B. G430 Media Gateway with S8300
- C. G450 Media Gateway
- D. G430 Media Gateway

Correct Answer: A

QUESTION 2

You are adding a remote location to a Communication Manager(CM) 6.2 customer with a duplex system, and G650 media gateways at the core. You want to use H.248 gateway(s). The location will have 30 IP sets, 30 analog sets, and 40 DCP sets. You know that the base G430 gateway includes 32 Touch Tone Receivers (TTRs), and the G450 gateway includes 64 TTRs.

To support all of the sets going off-hook at the same time, how many TTRs will be required, and which hardware would be required to provide the TTRs?

- A. 100 TTRs using one G450 and twoTTR expansion modules
- B. 70TTRs using two G450s
- C. 30 TTRs using one G430 or one G450
- D. 70TTRs using one G430 and threeTTR expansion modules

Correct Answer: D

QUESTION 3

A customer has a single site with 2,500 users. They want a solution that provides hardware redundancy. The failure of a single component should not be service impacting.

Given these parameters, what would satisfy their request?

- A. Communication Manager Duplex
- B. Communication Manager S8300



- C. Communication Manager Simplex with Survivable Core
- D. Communication Manager Simplex with Survivable Remote

Correct Answer: A

QUESTION 4

To meet a customer's requirements, you have determined that the proposed solution will have the following components:

Location A will have a Communication Manager with a G450 Media Gateway supporting 600 users. Location B will have a G450 Media Gateway supporting 250 users supported by the Communication Manager at Location A.

The customer requires ISDN-PRI T1 trunking at each location that is based on a five users per trunk sizing model.

Given these requirements, what is the minimum number of T1s per location?

- A. Location A requires 4 T1s, Location B requires 2 T1s
- B. Location A requires 5 T1s, Location B requires 1 T1
- C. Location A requires 4 T1s, Location B requires 2 T1
- D. Location A requires 6 T1s, Location B requires 3 T1s

Correct Answer: B

QUESTION 5

A company needs to add 1200 users to an Avaya Aura deployment, and wants the same level of audio and video services for all users. But there is not enough bandwidth for audio and HD video calls for all of the existing and new users. (Assume HD video uses 1 Mbps.)

What can they do to provide the same audio and video services to all users?

- A. Decrease Minimum Multimedia Bandwidth to below 512 Kbps.
- B. Increase Total Bandwidth parameter to 20 Mbps.
- C. Increase Multimedia Bandwidth parameter to 10 Mbps.
- D. Decrease Maximum Multimedia Bandwidth to below 512 Kbps.

Correct Answer: D
