



# 31860X<sup>Q&As</sup>

Avaya IX Calling Design

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**QUESTION 1**

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

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**QUESTION 2**

A customer wants to ensure that their remote workers who access the Avaya core are authenticated by the Avaya Session Border Controller for Enterprise (SBCE).

What is the recommended location for the SBCE?

- A. On the same virtual instance with Session Manager
- B. In the Internet Service Provider network
- C. Behind the firewall in the customer's enterprise
- D. In the customer's DMZ

Correct Answer: C

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**QUESTION 3**

You are designing an addition to a customer's existing Avaya Aura system. The addition will include 575 IP sets, of which 200 will also use Avaya Equinox for the Desktop, 175 will use Desktop P2P Video, and 25 of them will also need Extension to Cellular (EC500). There are 75 other new users who will use Avaya Equinox for iOS as their only UC Client or endpoint. The customer does not want a la carte licensing for applications not covered by Core Suite, and will purchase other Avaya Aura Suites as required.

How many Core Suite licenses are needed for the addition?

- A. 675
- B. 650
- C. 625
- D. 575



Correct Answer: D

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#### QUESTION 4

A customer has 80 remote users, and you expect 25% of the users will be connected at any one time using G.729. Assuming the following requirements:

a G.729 codec requires 30 kbps a G711 codec requires 80 kbps 720p HD video codec requires 512 Kbps

How much bandwidth is needed for a public interface WAN link of the centralized SBCE for the deskphones used by remote workers?

- A. 6400 Kbps
- B. 2400 Kbps
- C. 1600 Kbps
- D. 600 Kbps

Correct Answer: A

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#### QUESTION 5

You are designing a Communication Manager (CM) 8 solution with centralized ISDN trunks at the main site and two remote gateway locations. Each remote location will be connected to the main server via dedicated, point-to-point WAN service. Main - CM 8.1 duplex pair with 2-G450s and 250 IP stations Remote 1 - S8300E LSP/G450 with 125 IP stations Remote 2 - S8300E LSP/G430 with 30 IP stations.

To ensure that no one site is overwhelmed by CM traffic, what is the recommended number of network regions required for this design?

- A. 7 regions: 1 at the main, 1 at each remote site, 1 for each site's IP telephones, and one for the virtual network region
- B. 4 regions: 1 at the main, 1 at each remote site, and 1 for the virtual network region
- C. 3 regions: 1 at the main, and 1 at each remote site
- D. 6 regions: 1 at the main, 1 at each remote site, and 1 virtual network region for each site

Correct Answer: C

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