



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

Avaya IX Calling Design

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### QUESTION 1

You are adding 1400 users to an existing Avaya Aura communication core- The customer wants the same services for all users, but with this expansion there is not enough bandwidth for audio and video calls for all.

If the bandwidth parameter is set lower than the minimum video requirement, what will happen to users initiating audio and video calls?

- A. Audio calls will connect but video calls will not initiate.
- B. Audio and video calls will connect for some users.
- C. Audio and video calls will connect for all users.
- D. Audio calls will connect and video calls will connect as audio calls.

Correct Answer: B

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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

If a customer has an Avaya Aura 7.0 and shuffling is turned on within Communication Manager, which statement describes the media processing resource (DSP) requirements for a two-party call originated by a SIP station and terminated by an H323 IP Trunk being recorded?

- A. Multi-party (i.e. 3-party or greater) calls cannot shuffle, and require media-processing channels for the entire call.
- B. SIP-SIP two-party calls will use SIP Direct Media, so no media-processing channels are required for this call.
- C. This call cannot shuffle, and one media-processing channel is required for the entire call.
- D. This call will shuffle after initial call set-up; i.e., one media-processing (DSP) channel is required for the first 20



seconds of the call, for each party.

Correct Answer: C

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#### QUESTION 4

You are recommending the WAN link requirement per branch for a multi-location customer. The customer estimates the branch Inter-office communication use rate over the WAN to be one trunk per 20 branch users, and there are 460 users at each branch. You assume that after all header compressions have been applied, there is a 30% protocol overhead, and the G.729 codec being used provides 7.2 kbps.

How much bandwidth is needed for voice traffic on the WAN link for each branch?

- A. 187.2 Kbps
- B. 115.9 Kbps
- C. 165.6 Kbps
- D. 215.3 Kbps

Correct Answer: B

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#### QUESTION 5

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 6

A customer has provided the following requirements for a basic telephone user:



Two line appearances Basic telephony 3 rings then cover to voice mail; No shared line appearances Cheapest telephone Possible low power requirements

Which telephone type would be a good choice for the basic user?

- A. 9611G
- B. 9641
- C. J129
- D. J179

Correct Answer: D

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#### QUESTION 7

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

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#### QUESTION 8

Your customer has a CTI application that requires Avaya Aura Application Enablement Services (AES). To work with AES, how must Communication Manager be operating?

- A. In a survivable remote mode
- B. In the Avaya Aura Core
- C. As a Feature Server
- D. As an Evolution Server



Correct Answer: A

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#### QUESTION 9

One of the requirements of a proposal you are working on, is the ability to query an Active Directory database for contact Information from the customer's Avaya 96XX SIP Phones.

To support this functionality, which component must be included in your solution?

- A. Avaya Aura Devices Services
- B. Communication Manager
- C. A DHCP server
- D. System Manager

Correct Answer: D

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#### QUESTION 10

You are working on a solution design for an Avaya Aura 8.1 solution and estimating how many Digital Signaling Processor (DSP) resources will be needed.

Which two types of calls require DSP resources? (Choose two.)

- A. H.323 to H.323 calls
- B. ad hoc conference calls
- C. SIP to H.323 station calls
- D. SIP to SIP calls

Correct Answer: C

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