

31860X^{Q&As}

Avaya IX Calling Design

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QUESTION 1

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

QUESTION 2

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

QUESTION 3

A customer has asked you to provide a design for a 1,400 H.323 stations and eight T-is.

You have provided the following design:

Communication Manager Simplex

Two G450 Media Gateways

Eight T1Media Modules

1,400 - 9611G IP Phones

1,400 - Core Licenses

The customer responds that the following changes need to be made to the design:

Change all the H.323 stations to SIP stations.

Add 2 additional T1s to the design as the customer has higher traffic than initially thought.

All users will need to be able to use the Skype for Business client for telephony.

Which two changes need to be made to the design to comply with the customer's revised requirements?

(Choose two.)

- A. Add two T1Media modules and distribute the T1 modules evenly between the two G450 Media Gateways.
- B. Add an additional 1,400 Core licenses to the design to support Lync integration.
- C. Add System and Session Manager Servers to the design.
- D. Add 1,400 SM SIP connection licenses.

Correct Answer: B

QUESTION 4

A customer with an existing Communication Manager 6 (CM) duplex solution with g4bos and isdn trunks at their main location, is adding some remote sites with G430 gateways and local ISDN trunks for survivability and local calling. They will be inter-connecting them with an MPLS network with limited bandwidth to these remote sites. They want a network design that will restrict voice traffic to a defined level with the ability to overflow to the PSTN.

What would be the minimum network region design look like?

- A. One IP network region per remote location, one intervening network region, G.729 inter-region codec, implement Call Admission Control (CAC) with Inter-gateway Alternate Routing (IGAR)
- B. Two IP network regions per remote location, (one for the gateway, and one for the telephones), one intervening network region, G.729 inter-region codec, implement Call Admission Control (CAC) with Inter-gateway Alternate Routing (IGAR)
- C. One IP network region per remote location, connect each remote network region directly to the main site's network region, G.729 inter-region codec, implement Call Admission Control (CAC) with Inter-gateway Alternate Routing (IGAR)
- D. One IP network region per remote location, two Intervening network regions, G.729 inter-region codec, implement Call Admission Control (CAC)

Correct Answer: D

QUESTION 5

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

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