

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

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

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## QUESTION 2

A design you are working on calls for several "G series" media gateways, and you have determined the number of Digital Signal Processor (DSP) resources that are needed.

In which two ways can you determine how many "G series" gateways are needed in a design? (Choose two.)

- A. Divide the calculated number of DSPs by 320 to determine how many G450s are needed.
- B. Divide the calculated number of DSPs by 120 to determine how many G430s are needed.
- C. Divide the calculated number of DSPs by 340 to determine how many G450S are needed.
- D. Divide the calculated number of DSPs by 128 to determine how many G430s are needed.

Correct Answer: B

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## QUESTION 3

You are trying to determine how many Basic and Mainstream licenses are needed to support a proposal for Avaya IX Messaging.

Which feature requires a Mainstream license?

- A. Multiple greetings
- B. Full synchronization with 0365 email applications
- C. Distribution lists

D. Multiple Telephone User Interfaces (TUIs)

Correct Answer: C

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**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

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**QUESTION 5**

You are designing media gateways at remote locations for a customer. They have requested the following:

Analog telephone calls go through the PSTN in case of power outage. Redundant power supply The same administrative and telephone functionality during WAN outage

Which design meets these customer requests?

- A. A design with G450 gateways with dual power supplies, and Standard Local Survivability
- B. A design with G430 gateways with dual power supplies, and Standard Local Survivability
- C. A design with G450 gateways with dual power supplies, and S8300 Survivable-Remote
- D. A design with G430 gateways with dual power supply, and S8300 Survivable-Remote

Correct Answer: A

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**QUESTION 6**

You are planning a branch location that requires T1/E1 Public Switched Telephone Network (PSTN) trunks. There will be a peak hour usage of 1 PSTN trunk for every 20 of the 500 users.

How many PSTN trunks and DSP resources will be needed to support calls between IP telephones and the PSTN in the branch?

- A. 31 PSTN trunks and 32 DSP resources
- B. 25 PSTN trunks and no DSP resources
- C. 25 PSTN trunks and 25 DSP resources
- D. 26 PSTN trunks and 27 DSP resources

Correct Answer: A

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**QUESTION 7**

You are working on a design that includes Avaya Aura Presence Services.

Which statement regarding the Presences Services deployment is true?

- A. It always requires one or more dedicated (closed) Avaya Breeze?instances.
- B. It does not require dedicated (closed) Avaya Breeze?instances.
- C. It requires one or more general purpose (open) Avaya Breeze?instances.
- D. It can only be installed on one dedicated (closed) Avaya Breeze?instance.

Correct Answer: B

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**QUESTION 8**

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 9

You have a customer who requires both SIP Trunking and Remote Workers. After examining the features needed overall, you have determined that 700 Core Suite licenses are required. You still need to quote SBCE licenses, in addition to the entitlements included with Core Suite licenses, to support a total of 120 PSTN SIP trunks and 330 remote workers. The customer has agreed to a 3 remote worker users to 1 session access basis- How many additional standard and advanced a la carte SBCE licenses are needed? (Choose two.)

- A. 30 SBCE Standard Licenses
- B. 20 SBCE Standard Licenses
- C. 10 SBCE Advanced Licenses
- D. 20 SBCE Advanced Licenses

Correct Answer: C

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## QUESTION 10

Which change was made to EC500, to provide CS1000 Mobile-X like feature experience?

- A. You can now put the call on hold before dialing a feature access code.
- B. You can now dial a feature access code without putting the call on hold.
- C. You can now enter a feature access code before receiving a call.
- D. You must now enter feature access codes before you put a call on hold.

Correct Answer: A

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