Vendor: Avaya

Exam Code:31860X

Exam Name: Avaya IX Calling Design

Version: Demo

QUESTION 1

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 TI1trunking at each location that is based on a five users per trunk sizing model.

Given these requirements, what is the minimum number of Tis 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 2

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

Two line appearances Basic telephony 3 rings then cover to voice mai"; 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

QUESTION 3

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

QUESTION 4

A customer has an existing single-location Communication Manager solution with G650 gateways and ISDN trunks. You have been asked to design a new location for 200 users. The new location will support IP telephones, basic emergency calling to public safety agencies, and local PSTN trunks. There is a requirement for Standard Local Survivability.

Which design meets the customer\\'s requirements?

A. G430 gateway, IP telephones, MM711 analog media module, and analog central office lines

B. G450 gateway, IP telephones, MM716 analog media module, and analog central office lines

C. G430 gateway, IP telephones, MM710 DS1 media module, and an ISDN-PRI from the service provider

D. G450 gateway, IP telephones, MM710 DS1 media module, and an ISDN-PRI from the service provider

Correct Answer: A

QUESTION 5

A customer has Avaya Aura components at release 6.3 and they would like to use the Avaya IXTMWorkplace clients to take advantage of Avaya Aura Device Services (AADS) in their deployment.

What is the minimum release of Avaya Aura Session Manager that will support AADS?

A. 6.3

B. 7.0

C. 7.0.1.2

D. 7.1

Correct Answer: D

QUESTION 6

Your customer is migrating CS1000 devices to Avaya Aura and is asking what role the Avaya Device Adapter plays.

Which two statements about an Avaya Device Adapter are true? (Choose two.)

A. It is a Breeze?Snap-in that provides CS1000 endpoint Call Park and Page functionality.

B. It is a Breeze?Snap-in that allows CS1000 endpoint registration with Communication Manager.

C. It is a Breeze?Snap-in that allows CS1000 endpoint feature support from Communication Manager.

D. It is a Breeze?Snap-in that allows CS1000 endpoint registration with Session Manager.

Correct Answer: AD

QUESTION 7

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

QUESTION 8

You are interested in having multiple devices to register with the same extension number, but use only one user license.

Which three are required for the Multiple Device Access feature? (Choose three.)

A. Avaya Aura Communication Manager

B. Avaya one-X?Client Enablement Services

C. Avaya Aura Session Manager

D. Avaya Aura Application Enablement Services

E. Avaya Aura System Manager

Correct Answer: ADE

QUESTION 9

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

QUESTION 10

For an Avaya Aura Communication Manager (CM) 7 Duplex Server hardware solution, what are two capabilities/requirements? (Choose two.)

A. Utility Server and Services Access Link (SAL) are required to be installed with both CM instances.

B. The duplex servers provide protection for both hardware and software server faults.

C. The duplex servers must run in an active-active mode for instantaneous failover.

D. Identical Servers are required.

Correct Answer: D

QUESTION 11

You are explaining to your customer that Avaya Aura Media Server (AAMS) has been adopted by Communication Manager, but Is not a direct replacement for media gateways.

Which two capabilities are supported by the Avaya Aura Media Server? (Choose two.)

A. TDM interfaces for digital, analog stations and trunks

B. V.150.1 (Modem-over-IP)

C. Virtualization

D. Basic media resource capabilities

Correct Answer: CD

QUESTION 12

A technician is adding 1100 users to an Avaya Aura solution. There is only bandwidth for 30kbps calls per user.

Which audio codec will provide the highest fidelity that the network will support?

A. G.722

B. H.264

C. G.711

D. G.729

Correct Answer: A