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NEW QUESTION: 1

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

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 2

In preparation for the migration of CS1000 phones to Avaya Aura, your customer is trying to understand how things will work after the migration.

How will CS1000 phones register?

- A. To System Manager via the Avaya Device Adapter
- B. Directly to the Avaya Device Adapter
- C. Directly to Communication Manger
- D. To Session Manager via the Avaya Device Adapter

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 3

Your customer is asking about the Multiple Appearance Directory Number (MADN) feature that has been added in support of CS1000 migrations. It includes Single Call Appearance/Arrangement (SCA) which works like Communication Manager bridging, and multiple Call Appearance/Arrange (MCA) which works like bridging on the CS1000.

Which statement about MCA is true?

- A.** It is only available on Avaya Equinox clients.
- B.** It is tied to a particular call appearance on the primary endpoint.
- C.** It makes all calls private.
- D.** It is only available on Device Adapted sets.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 4

The following endpoints are being requested for an Avaya Aura solution:

- * 300 9611G telephones running H.323
- * 100 9641GS telephones running SIP
- * 50 J129 telephones
- * 50 Analog telephones
- * 20 DCP telephones
- * 75 Avaya Equinox clients

How many registrations will Session Manager have to support?

- A.** 75
- B.** 175
- C.** 100
- D.** 225

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 5

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, two Intervening network regions, G.729 inter-region codec, implement Call Admission Control (CAC)
- 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, one intervening network region, G.729 inter-region codec, implement Call Admission Control (CAC) with Inter-gateway Alternate Routing (IGAR)

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 6

A customer is adding a branch location, and they have an Avaya Aura core at their existing location. It is a requirement that the equipment at the new branch location continues to provide service during WAN failures. This includes the ability for callers to leave a voicemail message by having the call route from the new location over PRI to the core location where the voicemail resides.

Assuming both locations have PRI and G450s, which item needs to be included at the new location?

- A.** Session Manager server
- B.** Standard Local Survivability
- C.** Survivable Remote server
- D.** Survivable Core server

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 7

How many endpoints will directly register/connect to Communication Manager?

- A.** 625
- B.** 1025
- C.** 375
- D.** 400

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 8

A Sales Engineer is designing an Avaya Aura 8.x solution where 900 video users are being added. There is enough bandwidth for all users to establish video calls at 6 Mbps.

Which video codec will provide the best video quality that the network will support?

- A.** H.264
- B.** H.261
- C.** H.263
- D.** H.262

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 9

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

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 10

In a discussion with your customer you are explaining local survivability and the SIP Trunking functionality provided by a Branch Session Manager.

Which two statements would be a part of your discussion? (Choose two.)

- A. The branch gateways connect with the Local Survivable Processor (LSP), which serves as the controller.
- B. Outgoing calls from the branch are routed through the LSP and branch gateway before going to the SIP Service Provider.
- C. The control of the branch SIP telephones transfers from the core network Session Manager to the Branch Session Manager.
- D. The Local Survivable Processor (LSP) connects directly to the SIP Service Provider.

Answer: A,B [\(LEAVE A REPLY\)](#)

NEW QUESTION: 11

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

Answer: A [\(LEAVE A REPLY\)](#)

NEW 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.729
- B. G.711
- C. H.264
- D. G.722

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

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 Maximum Multimedia Bandwidth to below 512 Kbps.
- B. Increase Total Bandwidth parameter to 20 Mbps.
- C. Decrease Minimum Multimedia Bandwidth to below 512 Kbps.
- D. Increase Multimedia Bandwidth parameter to 10 Mbps.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 14

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. 6 regions: 1 at the main, 1 at each remote site, and 1 virtual network region for each site
- 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. 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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

A customer wants to upgrade their current S8720 Communication Manager 4 (CM) system. They have 2200 users, and a mixture of analog, DCP and IP telephones at their main location. They have six branches with 200-300 stations each served with G700 gateways, each containing an LSP. They want to gain the cost benefits of SIP trunking, and are reluctant to change out the user endpoints, but they want to experiment with a few SIP telephones for some of their remote agents. Survivability and resiliency are essential requirements.

Which elements are required for the solution?

A. Survivable Remote, CM Duplex Core, and Session Border Controller for Enterprise (SBCE)

B. Session Manager (SM), System Manager (SMGR), CM Duplex Core, Survivable Remote with Branch Session Manager, and Session Border Controller for Enterprise (SBCE)

C. Session Manager (SM), System Manager (SMGR), Survivable Remote with Branch Session Manager, and CM Duplex Core

D. Survivable Remote with Branch Session Manager, CM Duplex Core, and Session Border Controller for Enterprise (SBCE)

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 16

When designing an Avaya Aura solution, what are two design requirements that require the installation of a G430 or G450 Gateway? (Choose two.)

A. SIP devices

B. DSP resources

C. TDM trunks

D. T.38 Fax

Answer: ([SHOW ANSWER](#)**)**

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NEW QUESTION: 17

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 Advanced Licenses

- C. 20 SBCE Standard Licenses
- D. 10 SBCE Advanced Licenses

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 18

What is a benefit of Session Manager?

- A. It provides SIP application interoperability across multi-vendor equipment.
- B. It centralizes the management of remote gateways.
- C. It de-centralizes management of phones and users enterprise-wide.
- D. It provides traditional analog trunking to the edge devices.

Answer: B [\(LEAVE A REPLY\)](#)

NEW QUESTION: 19

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 Simplex with Survivable Remote
- B. Communication Manager Simplex with Survivable Core
- C. Communication Manager S8300
- D. Communication Manager Duplex

Answer: D [\(LEAVE A REPLY\)](#)

NEW QUESTION: 20

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

Answer: A [\(LEAVE A REPLY\)](#)

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