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Avaya IX Calling Design

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QUESTION 1

To support 2000 users, a customer wants an Avaya Session Border Controller for Enterprise (SBCE) with encryption for SIP trunking. They have agreed to use a one session for every five users sizing model.

How many licenses does this customer need?

- A. 2,000 standard and 2,000 advanced licenses
- B. 400 standard and 400 advanced licenses
- C. 400 standard licenses
- D. 2,000 standard licenses

Correct Answer: C

QUESTION 2

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

QUESTION 3

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

QUESTION 4

You are working on a proposal for a location with the following requirements:

275 H.323 stations 125 analog stations 8 voice mail channels/ports needed G7.11 should be used for station to station calls T1s needed in 6 stations per trunk sizing

Which statement describes how to calculate the number of T1 cards required?

- A. Calculate the sum of H.323, analog and voice mail ports/stations, divide by six, then divide by 23, and round up the remainder.
- B. Calculate the sum of the H.323 and analog stations, divide by six, and round up the remainder.
- C. Calculate the sum of the H.323 and analog stations, divide by six, then divide by 23, and round up the remainder.
- D. Calculate the sum of H.323, analog and voice mail ports/stations, divide by six, and round up the remainder.

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

QUESTION 6

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. 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

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

Correct Answer: C

QUESTION 7

A customer has a branch location with the following requirements:

24 H.323 Endpoints 30 SIP Endpoints 1 DS-1 for PSTN trunking 15 Analog Ports Survivability for all endpoints in event of WAN fail

What is the least cost gateway solution that meets all of these requirements?

A. G450 Media Gateway with S8300

B. G450 Media Gateway

C. G430 Media Gateway

D. G430 Media Gateway with S8300

Correct Answer: C

QUESTION 8

In an Avaya Aura 8.1 deployment, where do Remote SIP Workers ultimately register?

A. Session Manager

B. Communication Manager

C. Avaya Device Adapter

D. System Manager

Correct Answer: C

QUESTION 9

A customer has a new location with 1,900 users. They require a UC solution that will support 20% growth without adding additional hardware. They are interested in minimizing the equipment footprint and do not require redundancy.

What will meet customer's needs?

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

Correct Answer: C

QUESTION 10

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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