



**Vendor:** Avaya

**Exam Code:** 31861X

**Exam Name:** Avaya OneCloud™ UCaaS Design Certified  
Exam

**Version:** DEMO

### QUESTION 1

You are working on a solution design for an Avaya Aura® 8.1 solution and estimating how many Digital Signaling Processor (DSP) resources will be needed.

Which two types of calls require DSP resources? (Choose two.)

- A. H.323 to H.323 calls
- B. ad hoc conference calls
- C. SIP to H.323 station calls
- D. SIP to SIP calls

**Answer: C**

### QUESTION 2

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

**Answer: C**

### QUESTION 3

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

**Answer: B**

### QUESTION 4

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

**Answer: C**

**QUESTION 5**

A customer has a main location and several remote locations with Avaya Aura® Survivable Remotes. How many components can an Avaya IXTM IP Phone J169 SIP endpoint register to simultaneously?

- A. Two Core Session Managers and a Communication Manager Survivable Core
- B. Three Core Session Managers and a Branch Session Manager
- C. Two Core Session Managers and a Branch Session Manager
- D. Five Core Session Managers or Branch Session Managers

**Answer: C**

**QUESTION 6**

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**

**QUESTION 7**

You are reviewing a design done by another engineer, and want to be sure there are enough Touch Tone Receiver (TTR) resources.

Which component of the design uses TTR resources?

- A. H.323 endpoints
- B. SIP endpoints
- C. Analog endpoints
- D. SIP trunks

**Answer: C**

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