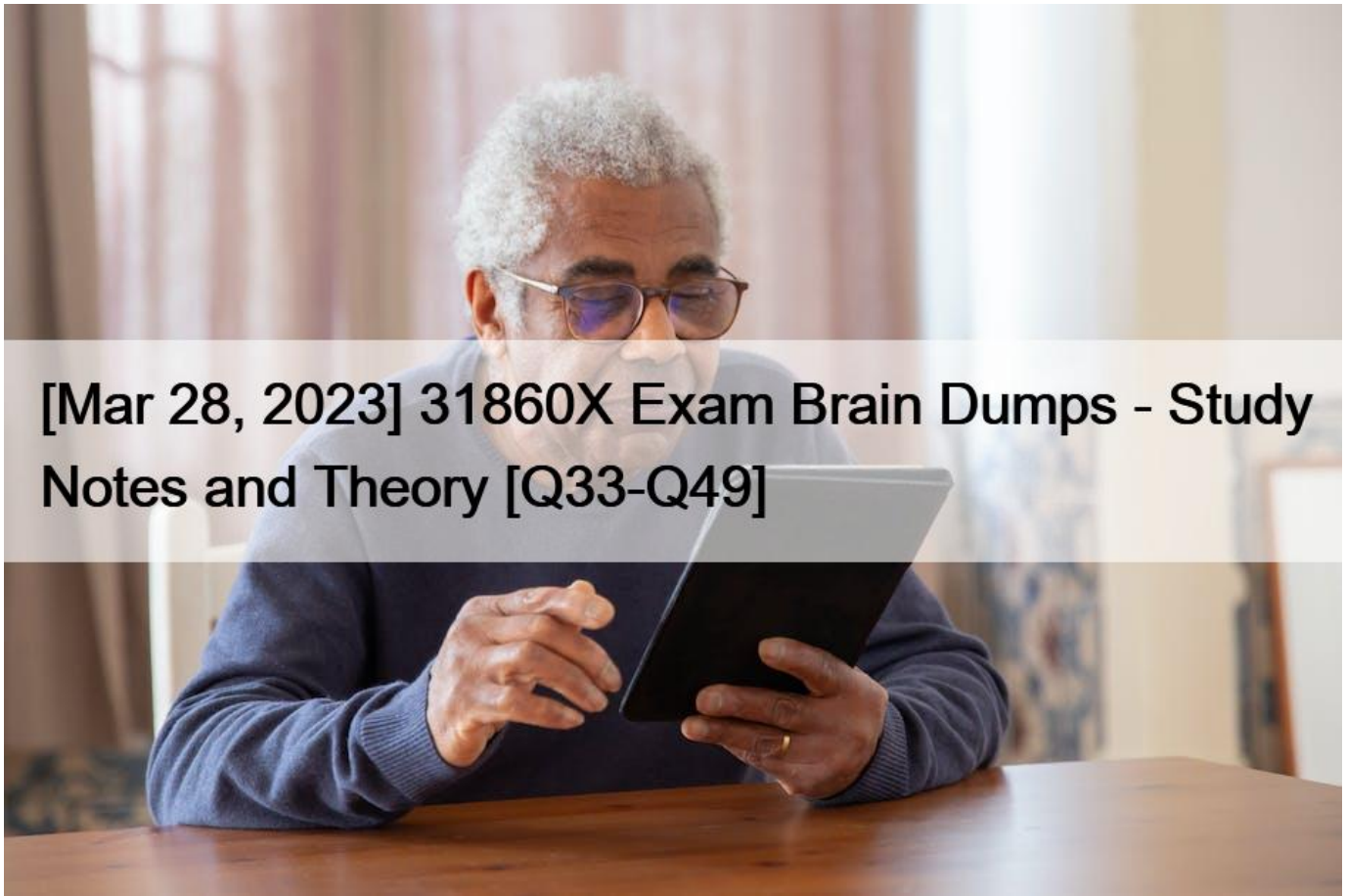


## [Mar 28, 2023 31860X Exam Brain Dumps - Study Notes and Theory [Q33-Q49]



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**NO.33** 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?

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

**NO.34** 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?

- \* Location A requires 4 T1s, Location B requires 2 T1s
- \* Location A requires 5 T1s, Location B requires 1 T1
- \* Location A requires 4 T1s, Location B requires 2 T1
- \* Location A requires 6 T1s, Location B requires 3 T1s

**NO.35** You are helping a new Sales Engineer learn about Avaya Aura survivability. If a branch that has only SIP devices and has deployed a Survivable Remote Communication Manager and Session Manager, the engineer wants to know what happens when the connection to the Avaya Aura core is down.

What are two things you would tell the engineer? (Choose two.)

- \* The Survivable Remote Communication Manager provides feature functionality.
- \* SIP telephones fail-over to the Survivable Remote Session Manager.
- \* The local SIP device cache provides feature functionality.
- \* The Core Communication Manager provides feature functionality.

**NO.36** Which change was made to EC500, to provide CS1000 Mobile-X like feature experience?

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

**NO.37** 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?

- \* 2,000 standard and 2,000 advanced licenses
- \* 400 standard and 400 advanced licenses
- \* 400 standard licenses
- \* 2,000 standard licenses

**NO.38** 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?

- \* Multiple greetings
- \* Full synchronization with 0365 email applications
- \* Distribution lists
- \* Multiple Telephone User Interfaces (TUIs)

**NO.39** 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?

- \* H.323 endpoints
- \* SIP endpoints
- \* Analog endpoints
- \* SIP trunks

**NO.40** One of the requirements of a proposal you are working on, is the ability to query an Active Directory database for contact information from the customer's Avaya 96XX SIP Phones.

To support this functionality, which component must be included in your solution?

- \* Avaya Aura Devices Services
- \* Communication Manager
- \* A DHCP server
- \* System Manager

**NO.41** 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.)

- \* 30 SBCE Standard Licenses
- \* 20 SBCE Standard Licenses
- \* 10 SBCE Advanced Licenses
- \* 20 SBCE Advanced Licenses

**NO.42** The adoption of Avaya Aura(g) Media Server by Communications Manager (AAMS-CM) provides many of the resource capabilities of the H.323 Media Gateways (MG); but it is not always a direct replacement. With Avaya Aura and Communications Manager (CM) 8.1, both AAMS-CM and MGs are sold as media resource options, since AAMS-CM can support more channels per instance than either H.323 media gateway.

When would AAMS-CM be deployed, instead of a media gateway?

- \* If the deployment is supporting third-party digital stations
- \* If the users require using T.38 fax
- \* If there are multiple Instances supporting one Communications Manager
- \* If the deployment is using a G722 codec for ad hoc conferencing

**NO.43** A customer has asked you to provide a design for a 1,400 H.323 stations and eight T-is. You have provided the following design:

- \* Communication Manager Simplex
- \* Two G450 Media Gateways
- \* Eight T1Media Modules
- \* 1,400 9611G IP Phones
- \* 1,400 Core Licenses

The customer responds that the following changes need to be made to the design:

- \* Change all the H.323 stations to SIP stations.
- \* Add 2 additional T1s to the design as the customer has higher traffic than initially thought.
- \* All users will need to be able to use the Skype for Business client for telephony.

Which two changes need to be made to the design to comply with the customer's revised requirements?

(Choose two.)

- \* Add two T1Media modules and distribute the T1modules evenly between the two G450 Media Gateways.
- \* Add an additional 1,400 Cote licenses to the design to support Lync integration.
- \* Add System and Session Manager Servers to the design.
- \* Add 1,400 SM SIP connection licenses.

**NO.44** The Avaya Session Border Controller for Enterprise (SBCE) uses Standard and Advanced licenses.

In addition to Remote Worker functionality, what are two additional features that require a standard license and an advanced license? (Choose two.)

- \* Media forking (SIPREC)
- \* Transport Layer Security (TLS) and Secure Real-time Transport Protocol (SRTP) encryption
- \* High availability
- \* Network Address Translation (NAT) traversal

**NO.45** While working on a proposal that includes Avaya IX messaging you are comparing required features and licensing. Which Avaya IX Messaging feature requires an additional license?

- \* Text to Speech (TTS)
- \* Single sign on (SSO)
- \* Sync with Office 365 & Google emails
- \* Additional non-Avaya PBX integrations

**NO.46** You are designing an addition to a customer's existing Avaya Aura system. The addition will include 575 IP sets, of which 200 will also use Avaya Equinox for the Desktop, 175 will use Desktop P2P Video, and 25 of them will also need Extension to Cellular (EC500). There are 75 other new users who will use Avaya Equinox for iOS as their only UC Client or endpoint. The customer does not want a la carte licensing for applications not covered by Core Suite, and will purchase other Avaya Aura Suites as required.

How many Core Suite licenses are needed for the addition?

- \* 675
- \* 650
- \* 625
- \* 575

**NO.47** The account team is concerned about limitations associated with analog licenses that you have included in your solution design.

Which two characteristics of analog licenses would you share with the account team? (Choose two.)

- \* It is possible to uplift an analog license to a Core suite license.
- \* Analog users will get all benefits of a Core license user; the only difference is the device.

- \* Analog license users can coexist in the same Communication Manager with Mobility and Collaboration users.
- \* The percentage of analog licenses, within a solution, cannot exceed 60% of the total number of licenses.

**NO.48** 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.)

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

**NO.49** 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?

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

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