

# Avaya

## Exam 3V00290A

### APDS Avaya Scopia Online Test

Version: 6.0

[ Total Questions: 72 ]

**Question No : 1**

Your customer, Jay, is reviewing your proposal for Scopia® video conferencing. He notices that within Scopia Management, there is a SIP Back-to-Back User Agent and an internal gatekeeper that could be external. When would you tell him he would use an external gatekeeper instead of an internal gatekeeper?

- A. In order to work with an external Microsoft SQL database
- B. When running Scopia Management (iView) on a Linux server
- C. To support configurations with multiple cascaded Elite MCUs
- D. To support Scopia Management (iView) redundancy

**Answer: D**

**Question No : 2****Background**

You have been working with a small independent "Telco" or service provider. They currently provide voice and Internet services to rural businesses and residences and want to offer a cloud-based videoconference service. Since they sell bandwidth, the customer will encourage their clients to have HD conference calls. Their voice service has a reputation for extremely high reliability and they want their video service to support the same expectation; nearly zero downtime. In order to meet these expectations, the customer wants you to propose monitoring for this new cloud-based service.

**Current infrastructure**

This service provider is using Avaya networking equipment and Communication Manager (CM) based solutions. Most of the CM systems are 5.2.1. Some entire towns or even counties get their service from single redundant Communication Manager solution.

**Objective**

Although they already have applications to show that there is enough bandwidth to provide the service to a customer, they want specific video monitoring software that they can use to pretest immediately before a call, verify the actual quality during a call, track and trend the quality of the service provided, and easily troubleshoot issues. To test the acceptance and feasibility of this cloud-based service, the customer is going to offer Scopia® videoconferencing for a small county where they are the primary voice and data/Internet provider. They are planning for a trial of 100 businesses with a small room system they will provide, install and maintain for the client, 200 users of Scopia Desktop client, and 100

users of Scopia Mobile. All of their customers will be supported by a cluster of five load balanced 5230 Elite MCUs located in two different Central Offices. They expect 70 of the customers to have existing room systems and they will install PathFinder Server and clients as required. As the designer or sales engineer, what combination of evident products, would you select to achieve these benefits and meet the client's needs?

- A. PreVideo with video enabler, 3 additional agents, VQ Insider, RVMon for 500 devices
- B. PreVideo with video enabler, 1 additional agent, VQ Insider, RVMon for 500 devices
- C. PreVideo with 3 additional agents, VQ Insider, RVMon for 2000 devices
- D. PreVideo with 1 additional agent, VQ Insider, RVMon for 2000 devices
- E. PreVideo with 5 additional agents, VQ Insider, RVMon for 2000 devices
- F. PreVideo with video enabler, 5 additional agents, VQ Insider, RVMon for 500 devices

**Answer: F**

### Question No : 3

Avaya is bidding for a telecommunications project with the Government of India ("GOI") through one of its Partners. The GOI official who is in charge of the tender requests that the Partner arrange a site visit to Avaya premises to check out our facilities. This is part of the bidding process which authorizes the concerned department to undertake a capability study of all the bidders. The Partner and Avaya take the three (3) member GOI team on a tour of Avaya facilities and conduct a demo of our core offerings. At the end of the demo. Partner and Avaya serve refreshments i.e. tea/coffee and biscuits for the GOI team.

Have the Partner and Avaya conducted themselves in compliance with Avaya policy?

- A. Yes, because there was nothing wrong with facilitating the above since it was arranged pursuant to a legitimate government process (of reviewing bidder capabilities).
- B. No, because by hosting government officials, both the Partner and Avaya attempted to influence the government to secure a favorable response bid response.

**Answer: A**

### Question No : 4

In addition to the Scopia® Gateway for Microsoft® Lync™ and the Elite MCU, there are other Scopia products that could be included in a Microsoft Lync and OCS2 environment. This includes evident and Scopia PathFinder. In this type of Microsoft environment, where

would the customer use the PathFinder for firewall traversal?

- A. Customer's partners with Lync endpoints
- B. Customer's partners with H.323 endpoints
- C. Customer's Lync endpoints
- D. Customer's partners with SIP endpoints

**Answer: C**

**Question No : 5**

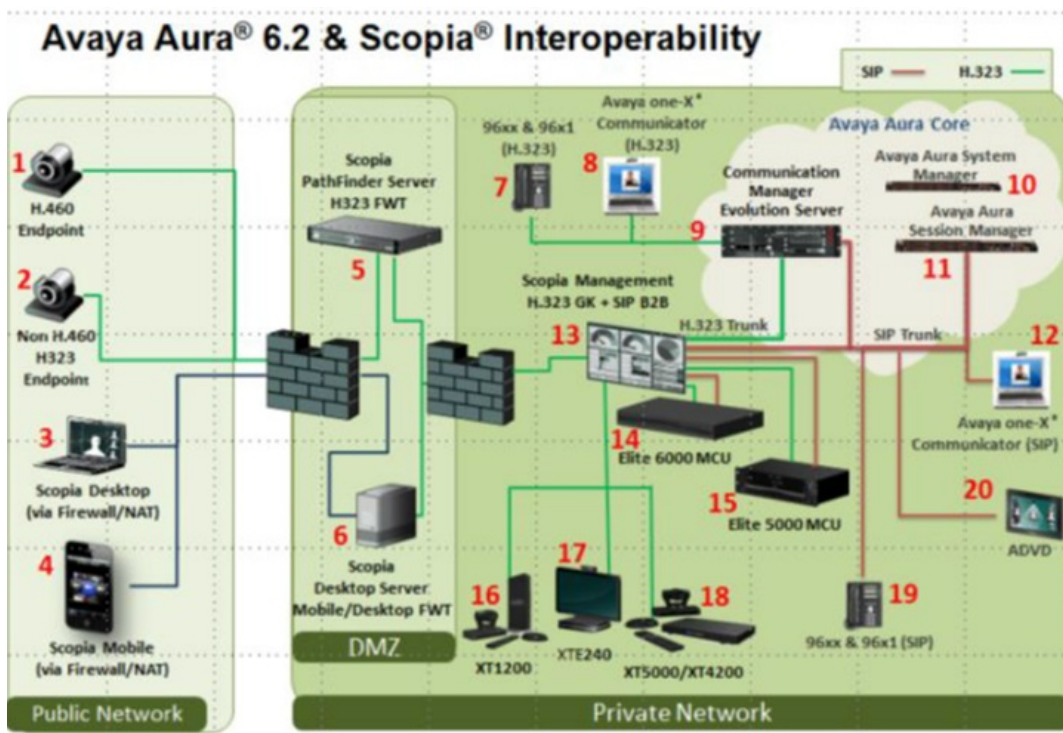
The Scopia® 8.3 release changed the number of endpoints supported by the SMB9 option. In addition to the one local endpoint, what is the maximum number of remote endpoints that the SMB9 option with the 8.3 and later release supports?

- A. 7 remote endpoints or 7 mixed remote endpoint, PC and mobile clients
- B. 7 remote endpoints or 8 mixed remote endpoint, PC and mobile clients
- C. 8 remote endpoints or 7 mixed remote endpoint, PC and mobile clients
- D. 8 remote endpoints or 8 mixed remote endpoint, PC and mobile clients

**Answer: D**

**Question No : 6**

Using the red numbers in the Avaya Aura® 6.2 & Scopia® Interoperability diagram, determine the correct signaling flow for an ADVD to join a meet-me videoconference call on an Elite 6000 MCU. (Use the magnifying glass icon to enlarge the diagram.)



- A. 20 >> 11 >>13>> 14
- B. 20 >> 11 >>9>> 11 >> 14
- C. 20 >> 11 >> 9 >> 11 >> 13 >> 14
- D. 20 >> 13 >> 14
- E. 20 >> 11 >> 14

**Answer: A**

### Question No : 7

Since there is no license required for a guest user, Charlene wants to know what is needed to scale a system with remote users. You tell her that it is based on the number of users in a desktop server. Select the correct statement about the capacity of a Desktop Server.

- A. The Desktop Server can be virtualized, using VMware®, and has a capacity of 1000 concurrent connections per instance.
- B. The Desktop Server can be virtualized, using VMware®, and has a capacity of 500 concurrent connections per instance.
- C. The Desktop Server can be virtualized, using VMware®, and has a capacity of 250 concurrent connections per instance.
- D. The Desktop Server cannot be virtualized and has a capacity of 500 concurrent connections per server.
- E. The Desktop Server cannot be virtualized and has a capacity of 1000 concurrent connections per server.

F. The Desktop Server cannot be virtualized and has a capacity of 250 concurrent connections per server.

**Answer: B**

**Question No : 8**

The capacity required for a Scopia® Management (iView) system with internal gatekeeper is based on three factors. In addition to the number of MCU ports, the number of \_\_\_\_\_ and \_\_\_\_\_ are two other factors on which the capacity is based? (Select two answers that correctly fill in the blanks. Choose 2)

- A. gatekeeper registrations
- B. redundant servers
- C. point to point ports
- D. virtual rooms in the database
- E. organizations defined with the multi-tenant feature

**Answer: B,C**

**Question No : 9**

The 8.3 version of Scopia® Management included several improvements to reporting. In addition to the GUI-based interface and adjustable colors, there were also some new reports added. Two new reports are the top endpoints and top MCU. What criteria is used to determine the top MCUs?

- A. size of the meeting
- B. number of meetings
- C. greatest availability or least downtime
- D. minutes of usage

**Answer: C**

**Question No : 10**

**Background**

An Account Team you support has been working with an IT outsourcing company for 9 months. The customer has been considering buying videoconferencing and upgrading to an Avaya Aura® 6.2 environment. Their hesitation was in cost justifying the upgrade to 6.2 without a great video solution for mobile users and visual collaboration with external vendors and contractors. They have a main office in Montreal Canada and a remote office in Pune, India. Since the wrong IT decision can be very costly, the customer's expectation is that they would have the ability to archive conferences and justify actions based on the recording.

### **Current infrastructure**

The customer has a Communication Server 1000 (CS 1000) R4 solution in their Montreal office, and a BCM 450 in the Pune office. Although there are only about 200 users with premium licenses in the main office and 150 with premium licenses in the remote office, they support about 400 contractors in virtual offices. Although many of their external vendors will want to use remote or mobile solutions, some have existing videoconference rooms. So the customer needs to support the mix of room systems from Cisco, Polycom, LifeSize and a few miscellaneous older endpoints that may not support H.460.

### **Objective**

The customer wants to be able to offer multi-party videoconferencing from each location with about eight to ten parties in a conference. Because of the time difference, they expect each location to have only two or three videoconferences simultaneously. Since a majority of the employees work from home, any permanent solution must allow them to join or conduct a videoconference from their home office. During previous meetings several executives mentioned wanting the Avaya Flare® Experience. The IT Manager hopes they can limit the calls to be 480p or lower but still have good or near DVD quality and minimal complaints. The account team has decided to offer an integrated UC collaboration solution. As the designer or sales engineer, what combination of Avaya and Scopia® hardware and software components, would you select to achieve these benefits and meet the client's needs?

- A.** Scopia Elite 6105 MCU with 720p double capacity, Scopia Management, Scopia desktop & mobile server and client, recording for 3 conferences, PathFinder server and client, and provide Avaya Flare® Experience
- B.** Scopia Elite 6110 MCU with standard capacity, Scopia Management, Scopia desktop & mobile server and client, recording for 5 users, PathFinder client, migrate to an Avaya Aura 6.2 architecture, and provide Avaya Flare\* Experience
- C.** Scopia Elite 6110 MCU with 4X capacity, Scopia Management, recording for 3 conferences, PathFinder server, migrate to an Avaya Aura 6.2 architecture, and provide Avaya Flare® Experience
- D.** Scopia Elite 6110 MCU with standard capacity, Scopia Management, Scopia desktop & mobile server and client, recording for 5 conferences, Scopia PathFinder server, migrate to an Avaya Aura 6.2 architecture, and provide Avaya Flare® Experience

**Answer: B**

**Question No : 11**

During a meeting on the Scopia® Elite MCU, the users see a user-definable video layout. At the top of the layout are icons and indications. Which of the following are three indications or icons the user can see? (Choose 3)

- A. Encrypted conference
- B. Audio volume level
- C. Number of audio only participants
- D. Bandwidth being utilized by each participant
- E. List of meeting participants
- F. Recording notification

**Answer: C,E,F**

**Question No : 12**

Pursuant to opening a new branch office in an emerging market in South Asia, the distributor ("Distributor") engaged by Avaya comes in contact with a leading businessman in the country who claims to have sufficient contacts within the non-government space and offers to promote Avaya and our offerings in the country. For the above purpose, the businessman demands a cash payment of \$1000 which the Distributor pays on behalf of Avaya without seeking Avaya's express approval.

Is the Distributor's conduct appropriate?

- A. Yes, since these are typically facilitation "grease" payments aimed to speed up things in the country and are acceptable as exceptions under certain anti-bribery/anti-corruption laws in various countries
- B. No, the Distributor has violated our Avaya's policies since he did not receive Avaya's approval before effecting the payment
- C. No, because the Distributor violated Avaya's policies on anti-bribery/anti-corruption because he did not conduct any due diligence on the businessman and without Avaya's knowledge engaged in conduct designed to improperly influence a commercial customer

**Answer: C**



**Question No : 13**

High Profile (HP) and Scalable Video Coding (SVC) are both part of the H.264 standard. Unlike many competitors, the XT4200 and XT5000 support both SVC and High profile. Select the correct statements about the functionality of SVC and High Profile. (Choose one statement for SVC and one for HP)

- A. SVC improves resilience against network jitter.
- B. SVC provides bandwidth savings for a high resolution video call.
- C. SVC improves resilience against network packet loss.
- D. SVC improves resilience against network delay, and HP improves resilience against network jitter.
- E. HP provides bandwidth savings for a high resolution video call.
- F. HP improves resilience against network packet loss.
- G. HP improves resilience against network delay.

**Answer: C,E**

**Question No : 14****Background**

You have been working with a small independent service provider. They currently provide voice and Internet services to rural businesses and residences and want to offer a cloud-based videoconference service. Although the experience is not consistent, most of their residential customers are happy using solutions like Skype™ because it's more of a novelty than a productivity tool. But the business customers who have attempted to have conferences from their desktops and mobile devices have been unhappy with the videoconferencing experience. Since they sell bandwidth, the customer will encourage their clients to have HD conference calls. Their voice service has a reputation for extremely high reliability and they want their video service to support the same expectation; nearly zero downtime.

**Current infrastructure**

This service provider is using Avaya Networking equipment and Communication Manager (CM) based solutions. Most of the CM systems are 5.2.1. Some entire towns or even counties get their service from single redundant Communication Manager solution.

**Objective**

To test the acceptance and feasibility, the service provider would like to offer

videoconferencing for a selected list of small businesses who currently buy voice and data/Internet connectivity from the service provider. The trial would include about 100 SMB customers. Since this is a service provider, the normal 1 to 10 (1:10) ratio would not apply, and for the trial, would like to start with about a 2.5 to 10 (2.5:10) ratio. If this trial is a success, they would like to expand to other geographies. The service provider wants to be able to offer multi-party videoconferencing from their client's office, using: a local video enabled endpoint (they could provide with the service), or their client's desktop PC, or their client's mobile device. Although it might not be an option used by very many SMB customers, the Service Provider would like to trial the ability for clients to manage their own videoconferencing service. The service provider expects each client to have only one or two videoconferences simultaneously. The service provider knows that there are some businesses with existing Cisco/Tandberg H.323 video endpoints and a few with Cisco (not Tandberg) immersive telepresence systems. They require the ability for them to join point-to-point and meet-me calls. Since this is a feasibility "trial", the account team wants to propose a separate Scopia® solution and not an integrated UC solution. As the designer or sales engineer, what combination of Scopia hardware and software components, would you select to achieve these benefits and meet the client's needs?

- A.** In the service provider data center: Scopia Elite MCU 6140 with standard license and redundancy, Scopia Desktop and Mobile Server, Scopia TIP Gateway, evident VQInsider, PathFinder Server and Client, and Scopia Management with multi-tenant option At the customers' sites: Scopia XT5000, XT4200 or XTE240, or Desktop or Mobile clients
- B.** In the service provider data center: geo-redundant Scopia Management with multi-tenant option. At the customers' sites: Scopia XT5000 with SMB4 or SMB9 solution
- C.** In the service provider data center: Scopia Elite MCU 6120 with 720p license option and redundancy, a redundant Scopia Desktop and Mobile Server, Scopia TIP Gateway, redundant Scopia Pathfinder Server, and geo-redundant Scopia Management with multi-tenant Option
- D.** At the customers' sites: Scopia XT5000, XT4200, XTE240, or Desktop or Mobile clients. In the service provider data center: A redundant Scopia Desktop and Mobile Server, Scopia TIP Gateway, redundant Scopia Pathfinder Server, and geo-redundant Scopia Management At the customers' sites: Scopia XT5000 with SMB4 or SMB9

**Answer: A**

**Question No : 15 DRAG DROP**

The evident family of monitoring products includes three applications: PreVideo, VQInsider, and RVMon. The pricing for each application is based on a different parameter. Match each of these applications with the parameter used for pricing.