71300X$^{Q\&As}$

Avaya Aura Communication Applications Integration Exam

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QUESTION 1

Which component converts WebRTC Media Stream to SIP Media Stream?

A. HTTP Reverse Proxy

B. Avaya Aura Media Server (AAMS)

C. STUN/TURN server

D. G.450/430 or G.650 Medpro board

Correct Answer: C

Provisioning Avaya Aura Media Server for the WebRTC Snap-in. Procedure

1.

Log in to the Avaya Aura

Media Server Element Manager.

2.

Check that Avaya Aura

Media Server nodes and routes are set up correctly.

See Deploying Avaya BreezeTM for details on configuring Avaya Aura Media Server for Avaya BreezeTM.

3.

Go to System Configuration > Server Profile > General Settings, enable Firewall NAT Tunneling Media

Processor and then click Save.

4.

Go to System Configuration > Signaling Protocols > SIP > General Settings, enable Always use SIP

default outbound proxy, and then click Save.

Go to System Configuration > Media Processing > ICE > TURN/STUN Servers > Accounts and create a

TURN/STUN account. This account ID and password must match the account created on the Avaya

SBCE.

6. Go to System Configuration > Media Processing > ICE > TURN/STUN Servers > Servers to add the

TURN/STUN connection to the Avaya SBCE server

Etc.

References: Avaya WebRTC Snap-in Reference, Release 3.1 (May 2016), page 23 https://

downloads.avaya.com/css/P8/documents/101013939

QUESTION 2

To allow trust between Avaya Aura System Manager (SMGR) and Avaya Aura Messaging (AAM), there is

a password set when you add the Trusted Server on AAM. This password must match with the password

also configured in SMGR.

Which statement about the password in SMGR is true?

A. It needs to match the Enrollment Password.

B. It needs to match the admin password used to login to SMGR using a web browser.

C. It needs to match the Attributes of the Messaging Managed Element in the Inventory.

D. It needs to match the root password used to login to SMGR command line.

Correct Answer: C

Configuring Messaging in the normal operational mode Before you begin

*

Add both the primary and secondary servers as Trusted Servers in the Messaging system.

*

Update the Login, Password, and Confirm Password fields with the appropriate trusted server defined on the Messaging system. Procedure

1. Log on to the Messaging system that System Manager manages.2. Add the secondary System Manager server as Trusted Servers in the Messaging system.

3. Log on to the secondary System Manager server.

4. On the System Manager web console, click Services > Inventory.

5. In the left navigation pane, click Manage Elements.

6. On the Manage Elements page, select the Messaging system that you want to change to the secondary System Manager server.

7. Click Edit.

8. On the Attributes tab, fill the Login, Password, and Confirm Password fields with the corresponding name and password of the Messaging trusted server.

9. Click Commit.

10. Click Inventory > Synchronization > Messaging System, and select the required Messaging element.

11. Click Now. The secondary System Manager server retrieves all data from Messaging and is now ready to administer

and manage Messaging. References: Administering Avaya Aura System Manager for Release 6.3.11 and later, Release 6.3, Issue 8 (November 2016), page 104 https://downloads.avaya.com/css/P8/documents/101008185

QUESTION 3

In which location is the AAMS URI `ce-msml@avaya.com\\' configured?

A. Elements > Breeze > Configuration > HTTP Security and as a Regular Expression

B. Elements > Breeze > Configuration > HTTP Security and as a Dial Pattern

C. Home > Elements > Breeze > Configuration > Avaya Aura Media Server and as a Dial Pattern

D. Home > Elements > Breeze > Configuration > Avaya Aura Media Server and as a Regular Expression

Correct Answer: D

Creating the Avaya Aura Media Server Routing Pattern Procedure

1.

On System Manager, click Elements > Routing > Routing Policies.

2.

Click New.

3.

Type a Name for the Routing Policy.

4.

From the SIP Entity as Destination field, click Select.

5.

Select the Avaya Aura

Media Server SIP Entity that you created.

Select the Local Host Name FQDN SIP Entity if you are using High Availability for the Avaya Aura Media

Server routing.

6.

Click Commit.

7.

Navigate to Home > Elements > Routing > Regular Expressions and click New.

8.

In the Pattern field, type ce-msml@.* This sip-domain value must match:

?The SIP domain that you entered in the Home>; Elements>; Routing>; Domains page. ?The default SIP

domain that you entered on the Avaya BreezeTM Cluster Administration page.

9.

Click Commit https://downloads.avaya.com/css/P8/documents/101014426 References: Deploying Avaya Breeze, Release 3.1, (September 2016), page 55

QUESTION 4

Avaya Aura Presence Services 7.x is implemented on Avaya BreezeTM (formerly known as Engagement

Development Platform (EDP)).

When looking at Elements > Engagement Development Platform > Service Management, which status

would you expect for a Presence Services snap-in that is ready to support Avaya Aura Presence Services?

A. Loaded

B. Installed

C. Accepting

D. Active

Correct Answer: C

Enabling Avaya Breeze cluster running Presence Services Before you begin Ensure that the Avaya BreezeTM servers running the Presence Services are recovered / powered up. Procedure

1.

On the System Manager web console, navigate to Elements > Avaya Breeze > Cluster Administration.

2.

Select the Presence Services cluster, and change the Cluster State to Accept New Service. References: Avaya Aura Presence Services Snap-in Reference. Release 7.0.1 (December 2016), page https://downloads.avaya.com/css/P8/documents/101013646

QUESTION 5

After running the Install wizard on Avaya Session Border Controller for Enterprise (SBCE), you added a

Public Outside IP address to the B1 interface. You try to ping this IP address from a PC in the same subnet

but it falls.

What would you do first to resolve the issue?

A. Restart Applications.

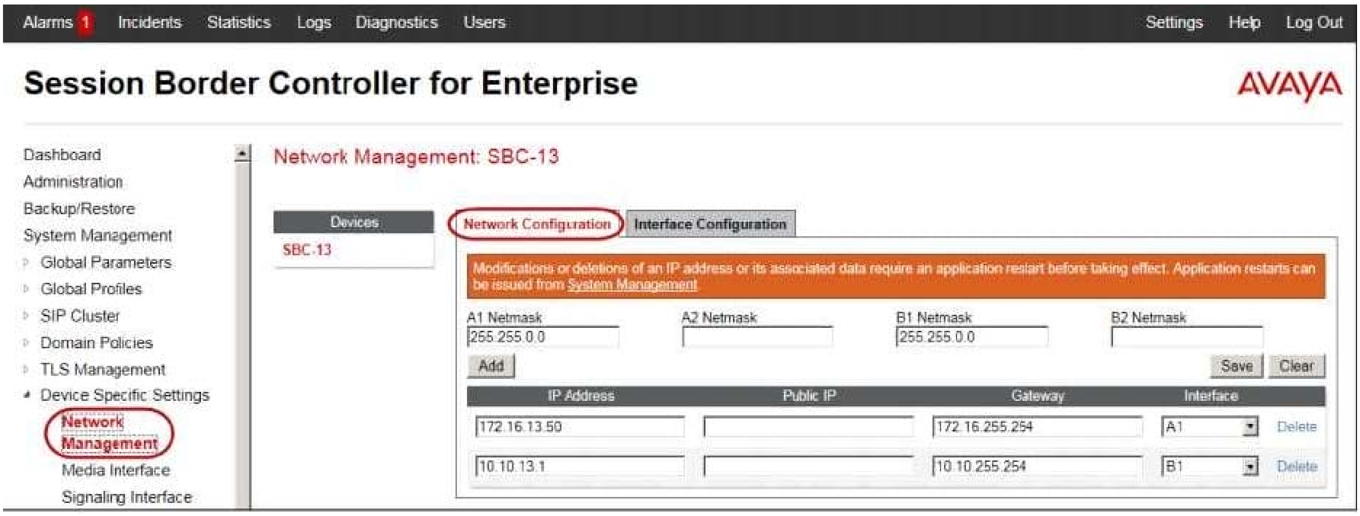
B. Set the Default Gateway router IP address, navigate to the Interfaces and Enable the B1 Interface.

C. Reboot SBCE.

D. Navigate to Device Specific Settings > Network Management > Interfaces and Enable the B1 interface.

Correct Answer: D

The interface might need to be enabled.



Session Border Controller for Enterprise

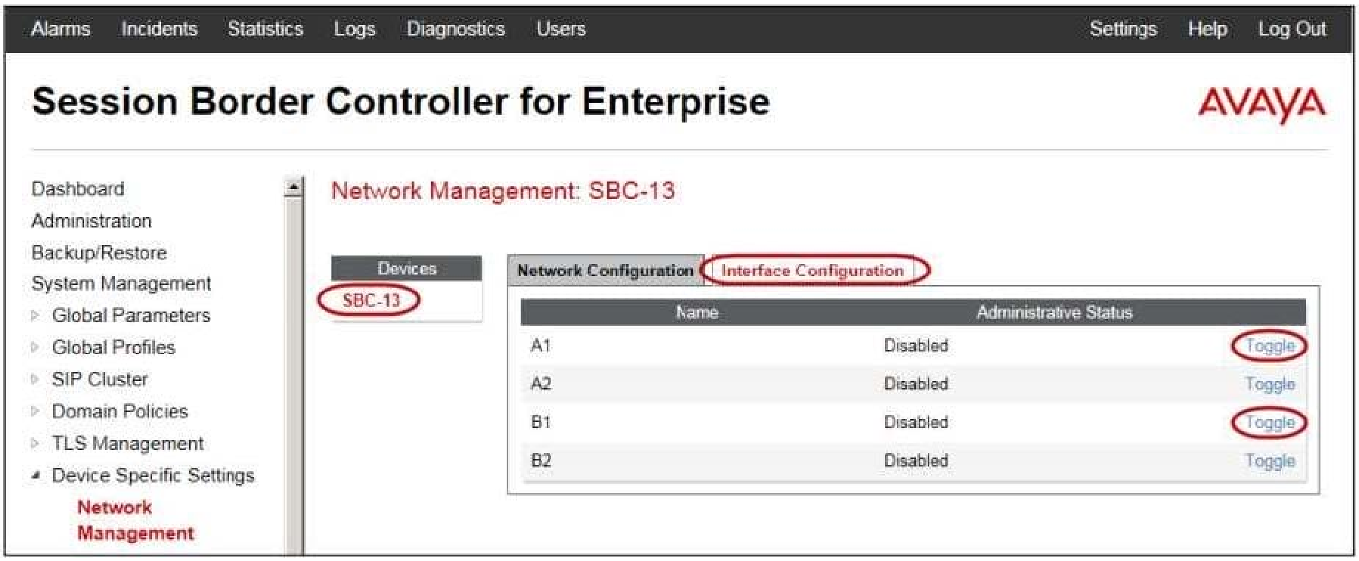
Network Management: SBC-13

Modifications or deletions of an IP address or its associated data require an application restart before taking effect. Application restarts can be issued from System Management.

A1 Netmask: 255.255.0.0
A2 Netmask:
B1 Netmask: 255.255.0.0
B2 Netmask:

IP Address	Public IP	Gateway	Interface
172.16.13.50		172.16.255.254	A1
10.10.13.1		10.10.255.254	B1

2. Click on the Interface Configuration tab.



Session Border Controller for Enterprise

Network Management: SBC-13

Name	Administrative Status	
A1	Disabled	Toggle
A2	Disabled	Toggle
B1	Disabled	Toggle
B2	Disabled	Toggle

3. Click the Toggle link for both the A1 and the B1 interfaces. The Administrative Status for both A1 and B1 changes to Enabled References: Avaya Aura Session Border Controller Enterprise Implementation and Maintenance (2012), page 204

QUESTION 6

When planning the Avaya Session Border Controller for Enterprise (SBCE) for SIP Trunking, what is a good practice to adopt?

A. Name Interfaces consistently, for example, A1 for Internal network to Call Server and B1 for external to Trunk Server.

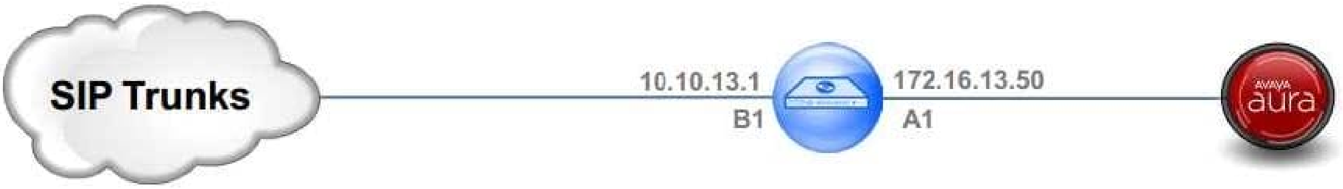
B. Name all internal and external interfaces exactly the same.

C. Use the same IP address on both, internal and external sides of the network.

D. Use one Avaya Session Border Controller for Enterprise on the internal and external sides of the network.

Correct Answer: A

Use the same interface mapping throughout! Examples in this section use:



References: Avaya Aura Session Border Controller Enterprise Implementation and Maintenance (2012), page 304

QUESTION 7

After the initial provisioning script has been run you see your Avaya Session Border Controller for Enterprise (SBCE) displaying a Registered state in the Web GUI. You click on the install link in the EMS System Management > Devices menu to continue the installation. After displaying a status of Provisioning for a short while, which status does the SBCE display?

A. Commissioned

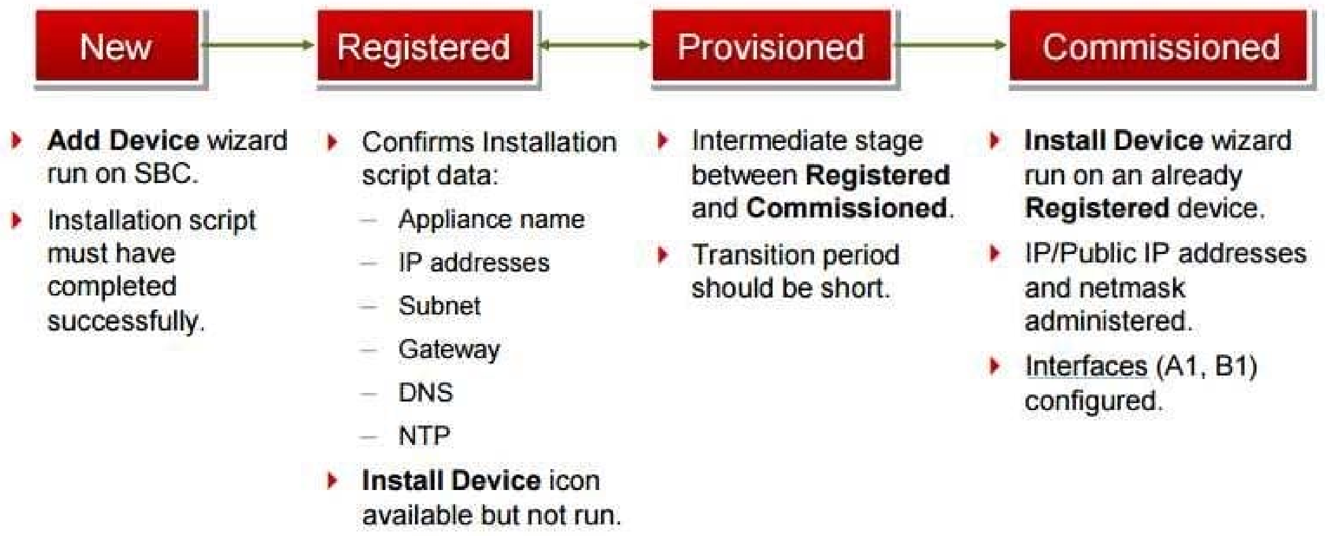
B. Up

C. Busyout

D. Maintenance-Busy

Correct Answer: A

SBC states: References: Avaya Aura Session Border Controller Enterprise Implementation and Maintenance (2012), page 201



New → Registered → Provisioned → Commissioned

New
- **Add Device** wizard run on SBC.
- Installation script must have completed successfully.

Registered
- Confirms Installation script data:
  - Appliance name
  - IP addresses
  - Subnet
  - Gateway
  - DNS
  - NTP
- **Install Device** icon available but not run.

Provisioned
- Intermediate stage between **Registered** and **Commissioned**.
- Transition period should be short.

Commissioned
- **Install Device** wizard run on an already **Registered** device.
- IP/Public IP addresses and netmask administered.
- Interfaces (A1, B1) configured.

QUESTION 8

Which two options describe the purpose of TraceSM in the Avaya Aura Presence Services? (Choose two.)

A. It captures Packet-Size statistics from every telephone call in Avaya Aura 7.

B. It captures real-time XMPP traffic.

C. It captures Voice and Video Calls media packets in real-time.

D. It captures live traces for both SIP and H323/XMPP clients.

E. It captures Contact details from every user connected to Avaya Aura Presence Services.

Correct Answer: BD

It\\'s important to know that traceSM is a real-time capture tool. traceSM is an interactive perl script that allows an administrator to capture, view, and save call processing activity on a Session Manager. While not as powerful or versatile as wireshark, traceSM is absolutely essential when it comes to working with Avaya SIP. First off, it allows you to view SIP messages even if they have been encrypted with TLS. References: https://andrewjprokop.wordpress.com/2014/06/02/a-necessary-guide-to-the-avaya- tracesmutility/

QUESTION 9

What is the process for establishing a command line session to the AES Management IP Address, and logging in with the default account and default password?

A. Use PuTTY to Rlogin to > AES Management IP Addr > using port 21, then enter login=admin password=admin.

B. Use PuTTY to SSH to > AES Management IP Addr > using port 22, then enter login=craft password=crftpw.

C. Use PuTTY to SSH to > AES Management IP Addr > using port 22, then enter login=cust password=custpw.

D. Use PuTTY to SSH to > AES Management IP Addr > using port 222, then enter login=admin password=admin01.

Correct Answer: B

Use port 22, not port 21 or port 222. Log in as craft and use the default password. References: Application Enablement Services Installation and Upgrade Guide for a Bundled Server Release 4.0, page 29 https://downloads.avaya.com/elmodocs2/AES/4.0/02_300356_4.pdf

QUESTION 10

In Avaya Aura Messaging 6.3, which statement is true about Avaya Aura Messaging (AAM) capacities of a system utilizing the Standard Capacity (non-High Capacity) Message Store template?

A. One Message Store Server supports up to 60000 user mailboxes and you can have 5 active + 1 Redundant Application Servers in a cluster.

B. One Message Store Server supports up to 6000 user mailboxes and you can have 3 active + 1 Redundant Application Servers in a cluster.

C. One Message Store Server supports up to 600 user mailboxes and you can have 5 active + 1 Redundant Application Servers in a cluster.

D. One Message Store Server supports up to 1000 user mailboxes and you can have 3 active + 1 Redundant Application Servers in a cluster.

Correct Answer: B

Dedicated AxC/Directory server: A physical server that manages notification capabilities and the LDAP database and provides communications between application servers and the thirdparty storage server. This server also stores user properties and name and greeting recordings. Not all configurations require a dedicated AxC/Directory server because the AxC/Directory role runs on the Avaya-provided message store. You only need a dedicated AxC/Directory server for: References: Avaya Aura Messaging Overview and Specification, Release 6.3.2 (January 2015) , page https://downloads.avaya.com/css/P8/documents/101004642

QUESTION 11

Which three statements about Avaya BreezeTM are true? (Choose three.)

A. It allows application developers to quickly add new capabilities to their Avaya solutions.

B. It is used by Avaya, Partner, and Enterprise Developers.

C. It does not require a license.

D. It was formerly called Collaboration POD but has been renamed to Avaya BreezeTM.

E. It is a development platform that enables rapid development for applications that are targeted to meet a customer\\'s communications needs.

Correct Answer: ABE

Avaya Breeze provides a virtualized and secure application platform where Java programmers can develop and dynamically deploy advanced collaboration capabilities that extend the power of Avaya Aura. Customers, partners, and Avaya organizations can rapidly develop snap-ins and applications that are deployed on Avaya Breeze.

QUESTION 12

You are creating a SIP Entity for Avaya Aura Engagement Development Platform EDP / Avaya BreezeTM. What do you have to enter in the field labeled FQDN or IP Address?

A. the Management IP-Address or FQDN of the Avaya BreezeTM platform.

B. the SM100 IP-address or FQDN of the Avaya BreezeTM platform

C. the IP-Address or FQDN of Core Platform Cluster

D. the IP-Address or FQDN of general Purpose Cluster

Correct Answer: A

Administering an Avaya Breeze instance Before you begin To complete this task you will need:

*

The IP address of the Avaya Breeze Management Network Interface. This is the same IP address you

used when deploying the Virtual Machine (VM).

*

The IP address including the network mask, and default gateway for the Avaya Breeze Security Module.

Procedure (see step 6 below)

1.

On System Manager, in Elements, click Avaya Breeze.

2.

Click Server Administration.

3.

In the Avaya Breeze Server Instances list, click New.

4.

In the SIP Entity field, select the SIP Entity that you created.

5.

Ensure that the value in the UCID Network Node ID field is unique across the solution deployment so

that it does not conflict with other UCID-generating entities like Avaya Aura Communication Manager or

Avaya Aura

Experience Portal.

6.

In the Management Network Interface FQDN or IP Address field, type the IP address of the Avaya

Breeze Management Network Interface.

References: Deploying Avaya Breeze, Release 3.1, (September 2016), page 47 https://

downloads.avaya.com/css/P8/documents/101014426

QUESTION 13

On Avaya Session Border Controller for Enterprise (SBCE), which statement about how to examine messages with Wireshark is true?

A. You have to start and stop the .pcap file using command line.

B. You can start and stop a Packet Capture in the EMS web GUI and then you can open the .pcap file with Wireshark.

C. Wireshark runs directly on Avaya Session Border Controller for Enterprise (SBCE).

D. They cannot be examined on this version.

Correct Answer: B

Viewing the Packet Capture with Wireshark.

0.

Start a Packet Capture in the EMS web GUi.

1.

After the capture completes, click the Capture tab.

2.

Double-click on the capture file name.

3.

The File Download window opens.

4.

Click Open.

The Wireshark application opens the trace.

Note: The Wireshark call tracing tool can be used on virtual desktop for vLabs. References: Avaya Aura

Session Border Controller Enterprise Implementation and Maintenance (2012), page 468

QUESTION 14

The Avaya WebRTC solution uses the web intensively to make media calls from a standard web browser in the internet, into internal and secure communication premises in the enterprise. Which statement about security between the Enterprise-edge and those standard Web browsers in the internet is true?

A. A trust relationship based on certificates must be built to make WebRTC work.

B. No trust relationship exists between enterprise edge security and web browsers; therefore, the security strategy is based on an Authorization Token instead.

C. There must be a VPN connection between the Web Browser and the Enterprise-edge to build a WebRTC link.

D. WebRTC only works within the Enterprise network. External Web Browsers must connect through an Avaya Session Border Controller for Enterprise (SBCE) via a SIP trunk.

Correct Answer: B

Validation of the authorization token. The WebRTC Snap-in will validate the authorization token created and encrypted by the web server. If the snap-in can decrypt the token and ensure that the time stamp is valid, it knows that the incoming HTTP request is valid. The time stamp will usually be short lived; on the order of 5- 10seconds to protect against reply attacks. References: Avaya WebRTC Snap-in Reference, Release 3.1 (May 2016), page 27 https://downloads.avaya.com/css/P8/documents/101013939

QUESTION 15

What are the three components of Avaya Aura Messaging (AAM)? (Choose three.)

A. Messaging Distributor

B. Application Server

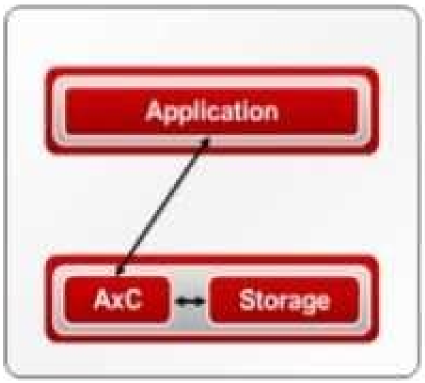
C. Messaging Store

D. AxC/Directory

E. SM100 Module

Correct Answer: BCD

The AXC connector is always co-resident with the Avaya message store.



References: Administering Avaya Aura Messaging Release 6.2, Issue 2.2 (December 2013) https://downloads.avaya.com/css/P8/documents/100172127