

71300X^{Q&As}

Avaya Aura Communication Applications Integration Exam

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QUESTION 1

Before SIP Trunking configuration can begin, which state must the Avaya Session Border Controller for Enterprise (SBCE) be in?

- A. Registered
- B. Provisioned
- C. Commissioned
- D. Ready

Correct Answer: C

Prerequisite Conditions for SIP Trunking

Starting point for SIP-trunking administration:

System Management > Installed tab shows SBC(s) Commissioned indicates a successful initial console configuration.

References: Avaya Aura Session Border Controller Enterprise Implementation and Maintenance (2012), page 302

QUESTION 2

Which three functionalities does WebRTC provide? (Choose three.)

- A. NAT / Firewall Traversal
- B. adds click-to-call capabilities from a web application to an Avaya endpoint
- C. Internet-friendly codecs and Privacy
- D. real-time audio and video conferencing

Correct Answer: ABD

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One of the primary differentiating features for the WebRTC Snap-in is that the web application handles authentication and authorization of calls. This includes the capability to assert a calling user's phone number and restrict the numbers that can be called.

*

The Avaya SBCE enables secure firewall traversal for HTTP and SRTP packets, facilitates sending DTLS to provide secured key exchange for the SRTP flow, and takes care of all security requirements mentioned in the TURN protocol for the solution.

*

WebRTC can be a game changer for enterprise communications and customer engagement. Enterprises can now add real-time communications to any website. References: Avaya WebRTC Snap-in Reference,

Release 3.1 (May 2016), page 9 <https://downloads.avaya.com/css/P8/documents/101013939>

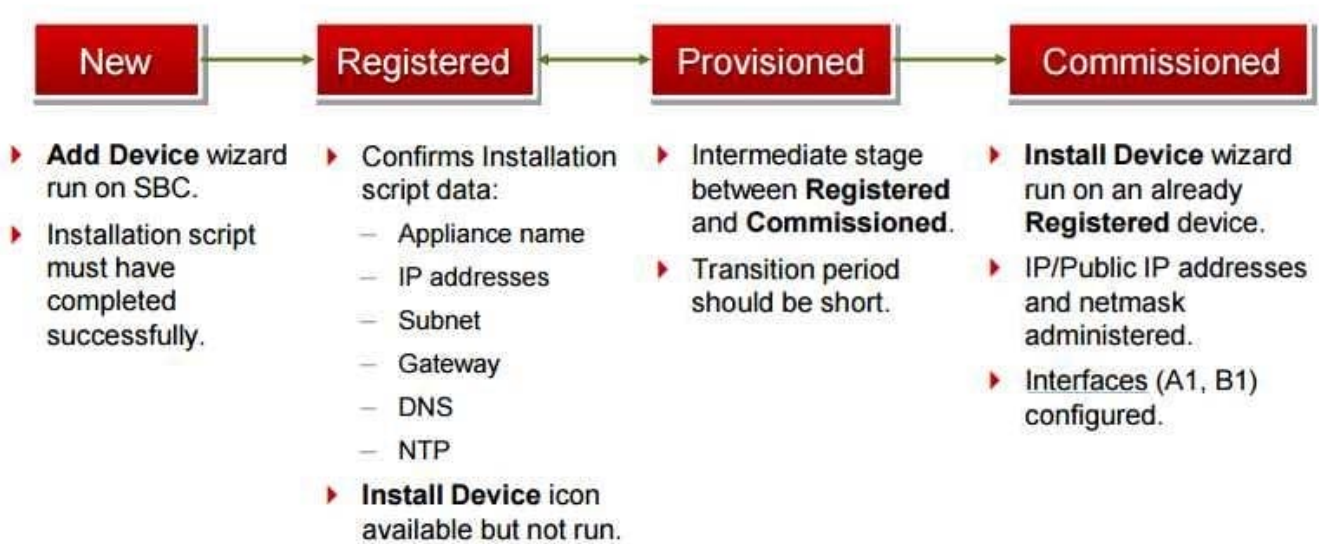
QUESTION 3

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



QUESTION 4

Which three statements about Avaya Breeze™ 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 5

A customer reports that when using Presence services, the users cannot see the Presence status. Which two tools are used to trace a PUBLISH message. In the Avaya BreezeTM server? (Choose two.)

- A. traceSBC
- B. traceCE
- C. traceSM
- D. tracePRS
- E. tracePS

Correct Answer: CE

QUESTION 6

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 Breeze™ for details on configuring Avaya Aura Media Server for Avaya Breeze™.

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 7

Which statement about WebRTC and Media Resources is true?

- A. WebRTC does not use any Media Resources since it only handles Text-Chat sessions.
- B. WebRTC relies on the Avaya Aura Media Server (AAMS) to convert the WebRTC media stream to a SIP media stream.
- C. WebRTC uses its own embedded proprietary technology to handle and process Media Packets.
- D. WebRTC uses Media Resources from a Hard-Based Media Gateway controlled by Avaya Aura Communication Manager (CM).

Correct Answer: B

The Avaya Media Server can translate WebRTC media into a SIP media stream. References: <http://www.avaya.com/blogs/archives/2014/10/an-introduction-to-the-avaya-webrtc-snap-in.html>

QUESTION 8

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

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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>
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QUESTION 9

In Avaya Session Border Controller for Enterprise (SBCE), what is the default state of an Interface?

- A. Deployed
- B. Enabled
- C. Disabled
- D. Active

Correct Answer: C

Example:

Commission the SBC--SBC Configuration

1.

The A1 and B1 interfaces display on the Network Configuration tab.

2.

Click on the Interface Configuration tab:

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 203



QUESTION 10

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 11

Which statement about Avaya Aura Presence Services 7.x snap-in licensing is true?

- A. It requires an instance-license.
- B. It requires a per-user license.
- C. It does not require a license to work.
- D. It requires a license file for each snap-in installed.

Correct Answer: C

Presence Services snap-in does not require a license to work. References: Avaya Aura Presence Services Snap-in Reference. Release 7.0.1 (December 2016), page <https://downloads.avaya.com/css/P8/documents/101013646>

QUESTION 12

Which access control method is used by the Avaya Aura Application Enablement Services (AES) server for administrators?

- A. Single Administrator simple password login
- B. Challenge-Response shared-key method only
- C. System Manager AES Management Menu
- D. Role-Based Access Control

Correct Answer: D

Role Based Access Control (RBAC)

Access to AE Services Management Console Web pages can be restricted by user authorization level.

The operations that users are allowed to perform such as read, edit and delete can also be restricted.

References: Avaya Aura Application Enablement Services Overview and Specification, Release 7.0.1, Issue 2 (June 2016), page 20

<https://downloads.avaya.com/css/P8/documents/101014052>

QUESTION 13

What is the process for Web browsing to the AES Management Console, and logging in with the default account and default password?

- A. Error! Hyperlink reference not valid. Management IP Addr>:8443, then enter login=craft password=crftpw
- B. Error! Hyperlink reference not valid. Management IP Addr> then enter login=admin password=admin01
- C. Error! Hyperlink reference not valid. Management IP Addr> then enter login=admin password=admin
- D. Error! Hyperlink reference not valid. Management IP Addr> then enter login=cust password- custpw

Correct Answer: D

Log in to the AE Server as the default administrator (cust). Make sure that the URL begins with "https://" and the host name or IP address of the AE Services Server is correct.

References: Avaya Aura Application Enablement Services Administration and Maintenance Guide,

Release 6.3 (June 2014), page 56

<https://downloads.avaya.com/css/P8/documents/100171737>

QUESTION 14

A company is deploying Avaya Session Border Controller for Enterprise (SBCE) to support SIP trunking. What is the minimum number of IP-addresses they need to assign to the private and public Network Interface Cards (NICs)?

- A. Two addresses are assigned to the private NIC and two addresses are assigned to the public NIC.
- B. One address is assigned to the private NIC and one address is assigned to the public NIC.
- C. Two addresses are assigned to the private NIC and one address is assigned to the public NIC.
- D. One address is assigned to the private NIC and two addresses are assigned to the public NIC.

Correct Answer: B

Example configuration: References: Avaya Aura Session Border Controller Enterprise Implementation and Maintenance (2012), page 305

Ensure Interfaces are Enabled

- ▶ Select **System Management > Device Specific Settings > Network Management**.
- ▶ Click on the **Interface Configuration** tab to enable the **A1** and **B1** interfaces.

Alarms 1 Incidents Statistics Logs Diagnostics Users Settings Help Log Out

Session Border Controller for Enterprise AVAYA

Dashboard Administration Backup/Restore System Management
 ▶ Global Parameters
 ▶ Global Profiles
 ▶ SIP Cluster
 ▶ Domain Policies
 ▶ TLS Management
 ▶ Device Specific Settings
 Network Management
 Media Interface
 Signaling Interface

Network Management: SBC-13

Devices: SBC-13

Network Configuration Interface Configuration

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:

Add Save Clear

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



QUESTION 15

To which other component does the Avaya Aura Application Enablement Services (AES) Switch Connections connect?

- A. Avaya Aura Media Server (AAMS) using H.323
- B. Avaya Aura Session Manager (SM) using SIP
- C. Avaya Aura Communications Manager (CM) using H.323
- D. Avaya Aura Communications Manager (CM) using SIP

Correct Answer: C

Adding a switch connection

The procedure include the following steps:

- 1.From the AE Services Management Console main menu, select Communication Manager Interface > Switch Connections.
2. On the Switch Connections page, in the Add Connection field, type a switch connection name (for example Switch1)

For the Secure H323 Connection check box, do one of the following:

*

For Communication Manager 6.3.6 or later and TLS for the H.323 Signaling Channel (normally associated with FIPS Mode), select the Secure H323 Connection check box.

*

For any previous release of Communication Manager without TLS for the H.323 Signaling Channel, uncheck the Secure H323 Connection check box.

Etc.

References: Avaya Aura Application Enablement Services Administration and Maintenance Guide, page

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