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Avaya Aura Communication Applications Integration Exam

Avaya 71300X

Version Demo

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QUESTION NO: 1

Which statement about enabling IM and Presence for a user is true?

- A. In SMGR, edit the Communication Profile of the user to assign an Avaya E.164 handle and check the Presence profile checkbox.
- B. In SMGR, edit the Communication Profile of the user to assign an Avaya SIP handle and check the Presence profile checkbox.
- C. In SMGR, edit the Communication Profile of the user to assign a XMPP handle and check the Presence profile checkbox.
- D. In SMGR, edit the Communication Profile of the user to assign an Avaya Presence/IM handle and check the Presence profile checkbox.

ANSWER: B

Explanation:

:

Communication Profile tab: Presence Profile Fields include:

* The SIP Entity field used to route SIP based messages through the Presence Services. * IM Gateway The IP address of the IM gateway

Note: Avaya SMGR stands for Avaya System Manager.

References:

Administering Avaya Aura System Manager for Release 6.3.11 and later, Release 6.3 November 2016, page 554
<https://downloads.avaya.com/css/P8/documents/101008185>

QUESTION NO: 2

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

ANSWER: A B E

Explanation:

:

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 NO: 3

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

ANSWER: A B D

Explanation:

:

* One of the primary differentiating features for the WebRTC Snap-in is that the webapplication 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 NO: 4

On Avaya Session Border Controller for Enterprise (SBCE), which two ways can be used to view System Logs? (Choose two.)

- A. from CLI execute `cat > var > log > Avaya > syslog`

- B. from System Manager web GUI > Alarms and Events
- C. from CLI execute `cat archive > syslog > ipcs.log`
- D. from EMS web GUI SBCE Dashboard access Logs > System Logs

ANSWER: C D

Explanation:

:

C: Call Trace data are written to this location:

– `/archive/syslog/ipcs/octeon.log`

D: Viewing system logs Procedure

1. Log on to the EMS web interface with administrator credentials.
2. Select the Logs option from the toolbar, and click the System Logs menu.

The system displays the Syslog Viewer screen. On this screen, you can specify criteria in the Query Options section to filter the results displayed.

3. In the Start Date and End Date fields, filter the results displayed in a search report to fall within starting and ending dates and times. In previous Avaya SBCE Syslog Viewer windows, there were four separate fields: Start Date, Start Time, End Date, and End Time.

References:

Troubleshooting and Maintaining Avaya Session Border Controller for

Enterprise (December 2015), page 21

Avaya Aura Session Border Controller Enterprise Implementation and Maintenance (2012), page 478

QUESTION NO: 5

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

ANSWER: D

Explanation:

:

Role Based Access Control (RBAC)

Access to Avaya Aura 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 NO: 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.

ANSWER: A

Explanation:

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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 NO: 7

When Avaya Aura® Presence Services is implemented, which statement is true about Port

Management?

- A. It allows multi-media services over a standard Web-Browser.
- B. It allows independent management capabilities to filter out undesired message to every Avaya Aura® Presence Services user.
- C. It collects statistics about Port-Usage from each Presence-compatible endpoint across the network.
- D. Port 5222 is used for one-X® Endpoints, while Port 5269 is open for connecting with other XMPP 3rd-Party Servers.

ANSWER: D

Explanation:

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Port 5222: XMPP connection configuration

The Connection Manager runs by default when you install the XCP server. It is configured with a JSM Command Processor and two XMPP directors. The XMPP directors handle communication with IM clients. One of the directors is configured to use port 5222 and the other is configured to use port 5223 for secure communications.

Port 5269: Example Obtaining the Server-to-Server Port from an Openfire server

Procedure

1. Log in to the Openfire Web console.
2. Click Server > Server Settings > Server to Server.
3. In the Service Enabled section, the Enabled check box should be checked, and the port value is contained in the box to the right of Remote servers can exchange packets with this server on port.

By default the value is 5269, and it is recommended that this default value be maintained.

References:

Administering Avaya Aura Presence Services, Release 6.2.4, (June 2014), pages 110, 154
<https://downloads.avaya.com/css/P8/documents/100180467>

QUESTION NO: 8

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.

ANSWER: B

Explanation:

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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 20 <https://downloads.avaya.com/css/P8/documents/101004642>

QUESTION NO: 9

What are three ways of accessing Avaya Aura® Application Enablement Services (AES) to perform administration? (Choose three.)

- A. with an Open X.11 terminal window
- B. with web access
- C. with remote access using Rlogin
- D. with local access using a system console
- E. with remote access using SSH

ANSWER: B D E

Explanation:

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B: You can use a Web browser to access the Application Enablement Services Management Console (AE Services Management Console).

DE: Administrators can access the AE Services Linux shell (command prompt) either locally using a system console or remotely using a secure shell (ssh) client. This access method applies primarily to AE Services Technicians (craft users) who perform specific tasks, such as viewing trace logs, installing patches, and so forth.

References:

Avaya Aura® Application Enablement Services Administration and Maintenance Guide , page 52
<https://downloads.avaya.com/css/P8/documents/100171737>

QUESTION NO: 10

In Avaya Session Border Controller for Enterprise (SBCE) 7.x, which two configuration screens must be configured for Personal Profile Management (PPM) to be successfully downloaded to an Avaya SIP Telephone (AST)? (Choose two.)

- A. PPM Services Mapping Profile
- B. Application Relay
- C. File Transfer
- D. Reverse Proxy

ANSWER: A B

Explanation:

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B: Application relays function as port forwards. Different clients require different application relays.

A: An Avaya SIP phone downloads and processes a configuration file, sends out a slew of SUBSCRIBE messages, and uses something called Personal Profile Manager (PPM).

Note: The PPM is a software module that runs as part of an Avaya Session Manager. It consists of a series of web services that phones use to retrieve and manage SIP related user data.

References:

<https://andrewjprokop.wordpress.com/2014/03/28/understanding-avayaspersonal-profile-manager-ppm/>
<https://downloads.avaya.com/css/P8/documents/101028355>