Avaya CS 2100 Interoperability Test Lab

Avaya Aura Messaging 6.1 interoperability with Avaya Communication Server 2100 SE13

Issue 2.0

Abstract

These Application Notes present a sample configuration for a network consisting of Avaya Aura Messaging release 6.1 with a Avaya Communication Server 2100 operating at release SE13.

Information in these Application Notes has been obtained through CS 2100 Interoperability Test Lab and additional technical discussions.
1. Introduction

Avaya Aura® Messaging is Avaya’s next generation solution for unified messaging that combines new and existing technology and expertise with industry standards to flexibly integrate within the Avaya Aura® architecture in Linux based server environments. Avaya Aura® Messaging is part of Avaya’s unified messaging strategy to continue to drive end-user productivity, simplicity and integrated experiences while providing IT with cost savings and significantly greater deployment flexibility with consolidation, resiliency, and scale.

The Avaya Communication Server 2100 is designed specifically for large enterprises and the U.S. Federal Government; the Communication Server 2100 provides a highly scalable converged solution. It incorporates leading enterprise features and applications such as SIP support and presence-enabled call handling. This high-end server combines the scalability, reliability and networking features typically found only in carrier solutions.

The purpose of this Application Notes is to validate interoperability of Avaya Aura® Messaging at release 6.1, and Avaya Communication Server 2100 at release SE13 via SIP Trunks delivered by the Session Server Trunk SIP trunking application element.

Figure 1: Overview of solution integrating Avaya Aura Messaging with Avaya CS 2100
1.1. Interoperability Compliance Testing
Provide details on what was tested during interoperability compliance testing. Give information about which test scenarios were or were not executed.

2. Equipment and Software Validated
The following equipment and software were used for the sample configuration provided:

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Software</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avaya Communication Server 2100</td>
<td>SE13</td>
</tr>
<tr>
<td>Session Server Trunk</td>
<td>SST_12_13_MA2_2009wk42_a</td>
</tr>
<tr>
<td>Avaya Aura Messaging</td>
<td>6.1</td>
</tr>
</tbody>
</table>

The Avaya CS 2100 system patched current with all necessary maintenance releases applied. For details on patch current status contact Avaya CS 2100 software delivery or Backbone Engineering support resources.

3. Avaya Aura Messaging 6.1
The screen capture below shows the settings in the Administration, Messaging, and Telephony Integration window required to integrate with the CS 2100.

The Connection 1 field is the floating IP address of the SST. Reference the CS 2100 Spec Book for detail. CS 2100 spec is available from [http://aok.avaya.com](http://aok.avaya.com) or your customer representative.

In the example below the Messaging Address is the IP address of the Avaya Aura Messaging system.

SIP Domain is the domain, which the Call Server is using. Reference the CS 2100 Spec Book for the settings.
Aura Messaging configuration

On the “Telephone Integration section” click the “Show Advanced Options” button to expand this window to show the example above and define the appropriate data. Note the CS 2100 does not support media encryption, so this should always be set to “None”. Also the SIP INFO for DTMF should be set to “Ignore” since the call server and Avaya Aura Messaging will use RFC 2833 standard. For SIP Domain, Switch field you must enter the IP Address of the SST.
Choose “Networked Servers” then highlight the SST Server and click “Edit the Selected Network Server”. Set the “Mailbox Number Length” to 10. Configure the “Starting/Ending Mailbox Number” so it matches your dialplan.
On the “Sites” heading configure your “Messaging access number” (voicemail pilot DN)
4. Configure the Avaya CS 2100

Figure 1 summarizes the Unified Messaging setup used in this document. The following steps are required to enable Unified Messaging in a pre-configured CS 2100 SIP network:

- CS 2100 Configuration
- Gateway Controller Configuration
- SST Configuration
- Centrex IP Client Manager configuration

**Configuration Assumptions**
- CS 2100 is pre-configured to support IP Phones and Trunks.

4.1. CS 2100 Configuration

4.1.1. Table datafill

The following are examples of datafill used for configuring the CS 2100 in the Avaya test labs.

```plaintext
TABLE CLLI
ADD REGA2AAMSST 202 0 AVAYA_UM
>TABLE CLLI

JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: CLLI

>ADD REGA2AAMSST 202 0 AVAYA_UM

JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT

>Y

TUPLE TO BE ADDED:
  REGA2AAMSST 202 0 AVAYA_UM
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.

>Y

TUPLE ADDED
JOURNAL FILE INACTIVE
>
TABLE TRKGRP

ADD REGA2AAMSST IBNT2 0 ELO NCRT BNRRCH 0 MIDL 0 N +
ANSDISC 0 Y N N N N N 0 1 N 0 0 0 0 N N N N N N N N NATL
$
CI:
>TABLE TRKGRP
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: TRKGRP
>ADD REGA2AAMSST
```
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
GRPTYP:
>IBNT2
TRAFSNO:
>0
PADGRP:
>ELO
NCCLS:
>NCRT
CUSTNAME:
>BNRRCH
SUBGRPNO:
>0
SELSSEQ:
>MIDL
NCOS:
>0
BILLDN:
>N
SUPV:
>ANSDISC
DISCTSEL:
>0
INTRAGRPG:
>Y
DIGIT0:
>N
DIGIT1:
>N
DTI:
>N
TES:
>N
CDR:
>N
SMDR:
>N
TRC:
>0
ALTNOS:
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TRKDSR:
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LSCFN:
>0
ALTLSCFN:
>0
LSCINCPT:
>0
ALSCINCPT:
>0
IGA:  
>N
FDN:  
>N
FDV:  
>N
FLASH:  
>N
DPX:  
>N
PREEMPT:  
>N
AIOD:  
>N
60REORIG:  
>N
OFFNET:  
>N
COFTYP:  
>NATL
OPTION:  
>$
TUPLE TO BE ADDED:
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IBNT2 0 ELO NCRT BNRRCH 0 MIDL 0 N ANSDISC 0 Y N N N N N 0
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    N 0 0 0 0 N N N N N N N N N NATL $
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>Y
TUPLE ADDED
JOURNAL FILE INACTIVE
>
TABLE TRKSGRP
ADD REGA2AAMSST 0 DS1SIG C7UP 2W N N UNEQ NONE Q764 THRH 0
NIL $ NIL CIC
>TABLE TRKSGRP
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: TRKSGRP
>ADD REGA2AAMSST 0 DS1SIG C7UP 2W N N UNEQ NONE Q764 THRH 0
NIL $ NIL CIC
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
TUPLE TO BE ADDED:
    REGA2AAMSST 0 DS1SIG C7UP
2W N N UNEQ NONE Q764 THRH 0 NIL $ NIL CIC
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>Y
TUPLE ADDED
JOURNAL FILE INACTIVE
>
TABLE TRKOPTS
ADD REGA2AAMSST DPT DPT SIPT NET_IPY N
>TABLE DPTRKMEM
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: DPTRKMEM
>ADD REGA2AAMSST SIPT 10
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
TUPLE TO BE ADDED:
   REGA2AAMSST SIPT 10
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>Y
TUPLE ADDED
JOURNAL FILE INACTIVE
>
TABLE DPTRKMEM
ADD REGA2AAMSST SIPT 10
>TABLE IBNRTE
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: IBNRTE
>ADD _ _2 N N N N N REGA2AAMSST 751 $ $
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
TUPLE TO BE ADDED:
   2                                 ( N N N N N
REGA2AAMSST    751)$

$ ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>Y
TUPLE ADDED
JOURNAL FILE INACTIVE
>
TABLE SIPLINK
ADD REGATOAAAMLINK1 CS2CS ISUPTRK REGA2AAMSST
>TABLE SIPLINK
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: SIPLINK
>ADD REGATOAAAMLINK1 CS2CS ISUPTRK REGA2AAMSST
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
TUPLE TO BE ADDED:
   REGATOAAAMLINK1    CS2CS ISUPTRK    REGA2AAMSST
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>Y
TUPLE ADDED
JOURNAL FILE INACTIVE
>
TABLE IBNRTE
ADD 2 N N N N N REGA2AAMSST 751 $ $
>TABLE IBNRTE
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: IBNRTE
>ADD 2 N N N N N REGA2AAMSST 751 $ $
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
TUPLE TO BE ADDED:
   2                     N N N N N    REGA2AAMSST   751)$ $

ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>Y
TUPLE ADDED
JOURNAL FILE INACTIVE
>
TABLE IBNXLA
ADD NRCH0 213 ROUTE N Y 0 N 5 12 NDGT Y T IBNRTE 2 $
>TABLE IBNXLA
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: IBNXLA
>ADD NRCH0 213 ROUTE N Y 0 N 5 12 NDGT Y T IBNRTE 2 $
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
TUPLE TO BE ADDED:
   NRCH0                213
ROUTE N Y 0 N 5 12 NDGT Y T IBNRTE 2 $
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>Y
TUPLE ADDED
JOURNAL FILE INACTIVE
>
TABLE IBNRTE
ADD 3 N N N N N REGA2AAMSST 0 $ $
>TABLE IBNRTE
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: IBNRTE
>ADD 3 N N N N N REGA2AAMSST 0 $ $
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
TUPLE TO BE ADDED:
   3                     (    N N N N N     REGA2AAMSST     0)$ $

ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>Y
TUPLE ADDED
JOURNAL FILE INACTIVE
>
TABLE DNROUTE
ADD 214 997 9991 T IBNRTE 3
ADD 214 997 9992 T IBNRTE 3

JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED

>TABLE DNROUTE
ADD 214 997 9991 T IBNRTE 3
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT

TUPLE TO BE ADDED:
   214     997       9991
T   IBNRTE    3
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.

TUPLE ADDED
JOURNAL FILE INACTIVE

>ADD 214 997 9992 T IBNRTE 3
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT

TUPLE TO BE ADDED:
   214     997       9992
T   IBNRTE    3
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.

TUPLE ADDED
JOURNAL FILE INACTIVE

>TABLE DIGMAN
ADD 9 INC 214

JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED

>TABLE DIGMAN
ADD 9 INC 214
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT

TUPLE TO BE ADDED:
   9
   (   INC   214)$$
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.

TUPLE ADDED
JOURNAL FILE INACTIVE

4.1.2. Table MSGRTE

TABLE MSGRTE
ADD PUBLIC 214997 214997 (SCTP 2 0 $ $ ) $$

>TABLE MSGRTE
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TABLE: MSGRTE
>ADD PUBLIC 214997 214997 (sctp 2 0 $ $) $
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>Y
TUPLE TO BE ADDED:
PUBLIC 214997 214997 (sctp 2 0 $ $) $
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>Y
TUPLE ADDED
JOURNAL FILE INACTIVE
>

4.1.3. SOC MDC00078 NMS OVER IP (SCTP)

SELECT OPTION MDC00078
ASSIGN STATE ON TO MDC00078
>SOC
SOC:
>SOCDEBUG
SOCDEBUG:
>SELECT OPTION MDC00078 FULL

GROUP:MDC
OPTION    NAME                 RTU STATE   USAGE   LIMIT    UNITS
LAST_CHG
-------- ----                 --- -----   -----   -----    -----    --------
---------
MDC00078 NMS OVER IP(SCTP)      Y    OFF       -       -
- 07/11/08
options needed:        NONE
options not permitted: NONE
replaces options:      NONE

FEATURE   NAME                                   STATE  LAST_CHG
-------   ----                                   -----  --------
00007544  MDC NMS OVER IP(SCTP)                     ON  07/11/08
features needed: NONE
features not permitted:  NONE

>ASSIGN STATE ON TO MDC00078
Done.
>
1. Login to the CS 2100 CLI
2. Modify the datafill as indicated in the diagram above.
4.1.4. Gateway Controller Configuration

- **Prerequisites**
  - The Gateway controllers must be accessible on the network.

- **Supporting information**
  - The Gateway controllers must be in-service and on the network.
  - Use the CS 2100 Management Tools to modify the gateway controller settings

- **Procedure outline**
  - Add/Modify the values as shown in the following procedure.

- **Procedure steps**

  ![Figure 3 - CS 2100 Management Web Console](image)

  **Figure 3 - CS 2100 Management Web Console**

  1. Login to the CS 2100 Management Web Console.
  2. Select Gateway Controllers from the menu on the left.
  3. Select the Network Codec Profile tab.
  4. Change the SST’s Gateway controller card to specify the following settings:
     a) T-38 – ON (Strict)
     b) RFC 2833 – Enabled
     c) Comfort Noise – Enabled
     d) Bearer Type Default – Yes
     e) Network Default - Yes

4.1.5. SST Configuration

- **Procedure outline**
  - Login to SST element manager web application using IE 6.0 or above
- Add a new SIP Server to communicate with Avaya Aura Messaging
- Modify the following values as indicated below

### 4.1.5.1 Add Remote SIP Server for Avaya Aura Messaging

1. Login to the SST Management console.

![SST Element Manager](image_url)

**Figure 4 - SST Element Manager**

2. Select the “Succession Communication Server 2000 Session Server Manager” management interface.
3. From the tree menu, open the SIP Gateway menu, then the Remote SIP Server menu.
4. Select the “Add Server” option if this is a new Avaya Aura Messaging Server interface; or “List Servers” if the Messaging Server has already been added.
5. Select “Session Server” as the Server Type.
6. Set the IP Address to the Avaya Aura Messaging Server’s IP Address.
7. Set the Port to 5060 and the Protocol to TCP.
8. Select Modify to save the settings.
9. Select the following Methods Supported: INVITE, CANCEL, BYE, OPTIONS, NOTIFY, REFER, PRACK.
10. SIP Header’s supported should be set to: Content-Disposition, P-Asserted-ID, Privacy, Reason, Replace, and Referred-By, Diversion.

**Figure 6 - SST - Modify a SIP Server (1)**
Figure 7 - SST Modify a SIP Server (2)

11. Select the following URI Parameters Supported: CIC, RN, NPDI, Phone-Context
13. Select “Yes” for Use Options for Heartbeat.
15. Select “No” for Telephony Profile Support.
16. Select “Yes” for Accepts Early SDP.
17. Select “No” for Invite without SDP.
18. Select “No” for Enforce CODEC-Compatibility.
19. Select “No” for Accepts Encapsulated ISUP.
20. Select “Yes” for Conn Mode Allowed.
21. Select “No” for OCN and Header Interworking.
22. Select “No” for Default 183.
23. Select “No” for Re-Invite for Voice Band Data.
25. Select “No” for MBG Supported.
26. Select “Yes” for PRACK with SDP supported.
27. Select “Yes” for Auto-subscribe.
28. Select “Yes” for Retain Contact Info.
29. Select “No” for Validate Requested URI.
30. Select “No” for 2 CLI Supported.
31. Select “No” for Use Network Number.
32. Select “Yes” for E.164 Format Allowed.
Note: If using a non-E.164 dialing plan as described in step Error! Reference source not found. of the Error! Reference source not found. section, select “No” for E.164 format allowed.

33. Select “No” for Use DefaultLD for LD Calls.
34. Set Country Code to “1” for United States. (Use appropriate code if outside United States).

Figure 8 – SST - Modify a SIP Server (3)

35. Select “Info” for Long Call Audit Mechanism.
36. Set Session Timer Value to “20”.
37. Set Out of Band DMTF Payload to “application/vnd.nortelnetworks.digits”.
38. Set Network Number to NULL.
39. Set Unknown Header to UNKNOWN.
40. Set Anonymous Header to ANONYMOUS.
41. Set Server Identifier to NONE.
42. Set Content Disposition Handling to OPTIONAL.
43. Set all Options Maps to DEFAULT.
44. Set Encapsulated Msg to First.
45. Set Retry after Reason to Second.
46. Set Cause Code Map to Third.
47. Set Interworking Indication to Interworking Not Encountered.
Figure 9 - SST Modify a SIP Server (4)

48. Set ISUP / BICC Indicator to Interworking Not Encountered.
49. Set ISDN Access Indicator to Terminating Access is not ISDN.
50. Set Domestic / International Call Indication to Treat as Domestic Call.
51. Set Interworking Indicator to Interworking Encountered.
52. Set ISDN User Part Indicator to ISUP Not Used all the Way.
53. Set ISDN Access Indicator to Originating Access is not ISDN.
54. Set Align Encapsulated ISUP and SIP to No.
55. Set Prefix Digit for Int to <Nothing>.
56. Set Hop-Counter Factor to 7.
57. Set National Circuit Code to 8.
58. Set Trunk Group ID Prefix to 0.
59. Select Modify to save the settings.

4.1.5.2 Add NGSS Loop-around Remote SIP Server

An NGSS loop-around server is required for Avaya Aura Messaging to support out-dialing for scenarios such as transfers.

Note: The current name for NGSS is Session Server Trunking (SST)
Figure 10 - Modify a SIP Server

1. Follow the previous steps to add a loop-around Remote SIP Server with the address of the NGSS server.
2. Select the options as indicated above
Figure 11 – Advance SIP options (1)

3. Select the Advance SIP options as indicated above.
4. Select the next Advance SIP options as indicated above.
Figure 13 - Advance SIP options (3)

5. Select the next Advance SIP options as indicated above.
6. Select the SIP PSTN options as indicated above.
7. Select the next PSTN SIP options as indicated above.
8. Select Modify to save the settings
4.1.5.3 Add NCAS link for MWI

1. Select the NCAS Link menu item from the left side menu.
2. Select Add NCAS Link.
3. Specify the CS 2100 core IP address and port 4980.
4. Save the settings.
5. Select the List NCAS Links menu from the left side menu.
6. Verify the new NCAS Link has been added and is connected as shown above.

Figure 16 - NCAS CS 2100 Link
4.1.6. CICM (Centrex IP Client Manager) Configuration

- **Prerequisites**
  - CICM must be visible on the network.
  - Must be logged into sets to modify configuration.

- **Supporting information**
  - CICM is configured through the web interface.
  - Login to web interface to modify settings.

- **Procedure outline**
  - Add / modify the following values as indicated below.

- **Procedure steps**

The CICM is configured through a Web interface.

![CICM Audio Profile Configuration](image)

**Figure 17 - CICM Audio Profile Configuration**

1. Login to CICM
2. Select Audio Profiles from the menu.
3. Select the audio profile for the Local Area Network.
4. Set the Primary Voice Codec Type to G.711 (Auto).
5. Set the Secondary Voice Codec Type to G.729e.
6. Set the RFC 2633 Tones to On.
7. Set Configure VAD for G.729 to Not Applied.
8. Set Primary Packet Size to Not Applied.
10. Set User Priority to 5.
11. Set IP Diffserve Code Point to “checked” and EF.
12. The Configure IP Type or Service will be grayed out.
13. Save the changes to the profile.
5. Verification Steps
At this point you should be able to define a mailbox in Avaya Aura Messaging

Include in this section one or more steps that the reader can use to verify that the configuration steps have been done correctly. This can be anything from pinging through the network to the use of network sniffers and load test instruments during a VoIP telephone call.

6. Conclusion
Application Notes documents the interoperability that has been verified between the CS 2100 operating at SE13 and Avaya Aura Messaging 6.1.

7. Limitations and Restrictions

1. RFC2833 is required for DTMF digit transmission to Avaya Aura Messaging. The effect of not supporting RFC2833 is that a user will not be able to login to Avaya Aura Messaging and navigate the menus, through the telephony client. The CS 2100 components listed below do not support RFC2833:

   a. Media Gateway 9000 (MG 9000)—all subtending nodes, ABI and Native lines (are supported through a workaround of provisioning loop around trunks which provides a conversion from RFC2833 to Inband DTMF digit transmission).
   b. The Attendant Console is not supported. (Nortel’s Meridian M2250 Digital Attendant Console delivers high-speed call processing and transforms the attendant position into a call answering and message center that manages and streamlines attendant services. The PC Console Interface Unit delivers the features and capabilities of the M2250 Attendant Console using a 3rd party PC-based console.)
   c. H.323 trunking between the CS 1000 and CS 2100 is not supported.
   d. H.323 trunking between the Business Communication Manager (BCM)/Survivable Remote Gateway (SRG) and CS 2100 is not supported.

2. Transport Layer Security (TLS) and Secure Real-time Transport Protocol (SRTP) are not supported between the CS 2100 and the UM.

3. For Media Portal insertion to occur for calls to Avaya Aura Messaging, the SIP Trunk must be provisioned on the CS 2100 as an inter-domain trunk, along with the normal client media-insertion rules. With the SIP Trunk provisioned as inter-domain, all calls to Avaya Aura Messaging will attempt to insert the Media Portal and is independent of whether the Media Portal is required, i.e. Network Address Translation (NAT).

   (Media Portal insertion is a function of the Real-time Transport Protocol (RTP) Media Portal, an optional media proxy device that provides a variety of functions that overcome obstacles to the general deployment of next-generation multimedia
services. When an RTP Media Portal is required to facilitate a successful multimedia session, an available RTP Media Portal must be selected. The RTP Media Portal Insertion Rules are used to determine when an RTP Media Portal is required to facilitate successful multimedia communications.)

4. There is currently an issue where Message Waiting Indication between a CS 2100 hosting the voicemail and the Avaya Aura® Session Manager is not supported.

8. Additional References

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<thead>
<tr>
<th>Document</th>
<th>Title</th>
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<td>CID: 150976</td>
<td>Implementing Avaya Aura® Messaging</td>
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<tr>
<td>NN10338-511</td>
<td>Session Server Trunks Configuration</td>
</tr>
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<td>NN10240-511</td>
<td>Centrex IP Client Manager Configuration</td>
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