



Avaya Solution & Interoperability Test Lab

Application Notes for Configuring Aastra Attendant Connectivity Server with Avaya Communication Server 1000E via an Avaya Aura[®] Session Manager - Issue 1.0

Abstract

These Application Notes describe the configuration steps required for Avaya Communication Server 1000E R7.5 with Aastra Connectivity Server 7.5 via an Avaya Aura[®] Session Manager.

Information in these Application Notes has been obtained through DevConnect compliance testing and additional technical discussions. Testing was conducted via the DevConnect Program at the Avaya Solution and Interoperability Test Lab.

1. Introduction

Aastra Connectivity Server is part of Attendant Platform which provides Private Branch Exchanges with extended functionality. The Attendant client communicates with the Private Branch Exchange through Aastra Connectivity Server Attendant Platform.

Using an Attendant client, Attendants can initiate, answer, transfer and disconnect calls. The call queuing functionality with configurable call queues also supports camp on services. Other features include automatic call distribution, which distributes the call to the attendant with the longest idle time and direct drop to voicemail, which lets the attendant transfer calls directly to subscriber's voicemail. Aastra Connectivity Server also provides a Speech Attendant that enables a caller to request a User by name, and if busy enables the caller to be transferred to an Attendant, to the Users Voicemail or added to a Conference. Aastra Connectivity Server also incorporates its own Voicemail system.

Call control is implemented using Session Initiation Protocol (SIP) to the Private Branch Exchange and is centralized to a single server. Aastra Connectivity Server Attendant Platform for SIP can be installed with the Telephony and Media Server on the same machine or with the Telephony and Media Server on separate machines. Aastra Connectivity Server Attendant Platform can also be setup as a redundant system.

Note: Aastra supply, install and configure their solution for the end customer directly or through qualified partners, In line with Aastra's request the configuration of Aastra Connectivity Server is not required to be part of this Application Note.

2. General Test Approach and Test Results

The general test approach was to configure the Aastra Connectivity Server (ACS) to communicate with the Avaya Communication Server 1000E (CS1000E) as implemented on a customer's premises using an Avaya Aura® Session Manager (Session Manager). Testing focused on verifying that ACS registered with Session Manager and all features behaved as expected. Various call scenarios were performed to simulate real call types as would be observed on a customer premises. See **Figure 1** for a network diagram. The interoperability compliance test included both feature functionality and serviceability tests.

DevConnect Compliance Testing is conducted jointly by Avaya and DevConnect members. The jointly-defined test plan focuses on exercising APIs and/or standards-based interfaces pertinent to the interoperability of the tested products and their functionalities. DevConnect Compliance Testing is not intended to substitute full product performance or feature testing performed by DevConnect members, nor is it to be construed as an endorsement by Avaya of the suitability or completeness of a DevConnect member's solution.

2.1. Interoperability Compliance Testing

The testing included:

- Verification of connectivity between:
CS1000E and the Aastra Connectivity Server via Session Manager
- Speech Attendant transfers calls
- Supervised and unsupervised transfer with answer
- Directing callers to Conference Calls via Speech Attendant
- Call queuing and retrieval
- Detection for busy and unanswered extensions
- End to End signalling
- Call Re-queuing
- Direct drop to Voice mail

2.2. Test Results

Tests were performed to insure full interoperability of Aastra Connectivity Server and CS1000E solution. The tests were all functional in nature and performance testing was not included. All the test cases passed successfully.

2.3. Support

Technical support from Aastra can be obtained through the following:

Web: www.aastra.com/support.htm

3. Reference Configuration

Figure 1 illustrates the network topology used during compliance testing. The Avaya solution consists of a CS1000E CoRes, and a Session Manager. An Avaya Aura[®] System Manager was used to manage Session manager and access the CS1000E Element Manager. Aastra Connectivity Server is installed on the ACS Attendant Platform. A Network Telephony Server and SQL were also installed on the same server. (SQL may also be installed on a separate server). On the CS1000E, a number of Distant Steering Codes (DSC) were configured to route calls to Session Manager which in turn were routed to the ACS. NOW Attendant client was connected to an Avaya M2250. An InAttend Attendant client was configured on the ACS. Both clients were used to exercise the ACS. Analog, Digital 3904 and 1140E IP phones (SIP and UNISTim) were configured on the CS1000E to generate intra-switch calls (calls between phones on the same system), and outbound calls to the PSTN. SIP and QSIG trunks were configured to connect the CS1000E to the PSTN.

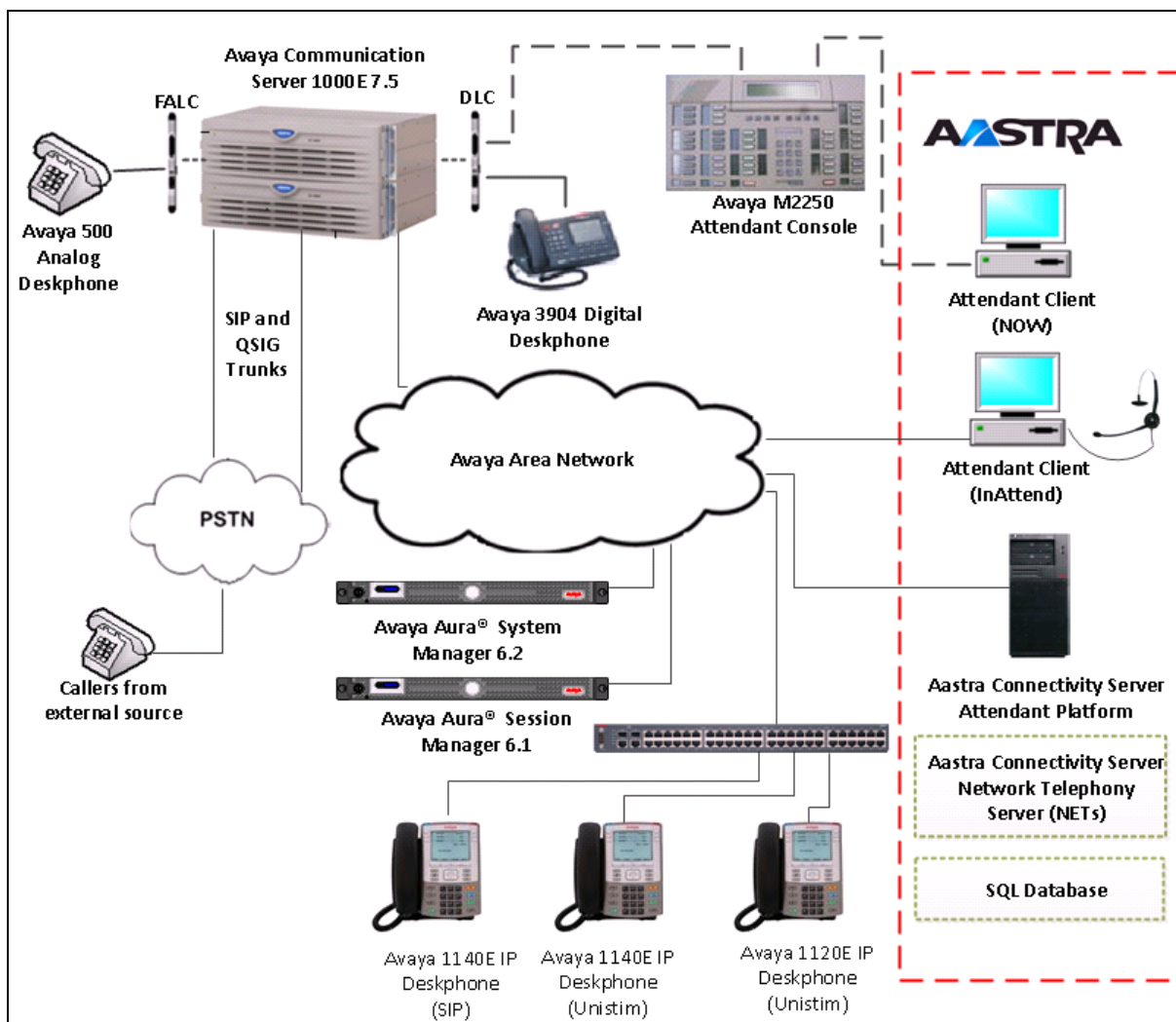


Figure 1: Avaya CS1000E and Aastra Reference Configuration

4. Equipment and Software Validated

The following equipment and software were used for the sample configuration provided:

Avaya Equipment	Software / Firmware Version
Call Processor Pentium Mobile (CPPM) Avaya	Avaya Communication Server 1000E R7.5 Version 7.50.17 Service Update: 7.50_16Jul12 Depllist: X21 07.50Q
Media Gateway NTDW60	FPGA AA18
IBM System x3350 running Avaya Aura® Session Manager	Avaya Aura® Session Manager R6.1 Build 6.1.7.0.617012
IBM System x3350 running Avaya Aura® System Manager	Avaya Aura® System Manager R6.2 Build 6.2.0.0.15669
Avaya Flexible Analog Line Card	NT5K02QC
Avaya Digital Line Card	NT8D02
Avaya 1100 series IP Telephones • 1140E	0625C8A (UniStim 5.0) SIP FW 04.00.04.00.bin
Avaya 3904 Digital set	Core F/W 024 Flash F/W 094
Avaya M2250 Attendant Console	NT6G48AC
Avaya 500 Analog set	NT2N73AA
Aastra Equipment	Software / Firmware Version
Aastra Connectivity Server Attendant Platform running on Windows 2003 Server SP2	Aastra Connectivity Server 7.5 SP3 Network Telephony Server 7.5 SP3 InAttend Attendant client 1.0 SP3 NOW Attendant client 7.5 SP3 Microsoft SQL Express 2008

5. Configure Avaya Communication Server 1000E

The configuration operations illustrated in this section were performed using terminal access to the CS1000E over a telnet session. It is implied a working system is already in place, including a Route (Rout 20) and D-Channel (DCH 66). For all other provisioning information such as Installation and Configuration, please refer to the product documentation in **Section 11**.

Appendix A has a list of all CS1000E patches, depllist and service packs loaded on the system. The configuration operations described in this section relate to configuring a Dialling Plan (The configuration details in this section relate to the configuration used during compliance testing).

Note: Only the unique prompts as shown in the screen captures below, all other inputs can be left at default.

5.1. Configure Dialling Plan

To route calls to the ACS, a dialling plan is required. The numbers configured are routed to Session Manager, where a Dialling Pattern (see **Section 7**) is configured to route the calls to the ACS. There are a number of ways to setup a dialling plan. For compliance testing a Coordinated Dialling Plan (CDP) was used.

5.1.1. Create a Route List Index

In order to create a CDP a Route List Index (RLI) in overlay 86 is required. Use the **NEW** command in **LD 86** to create a **RLI**.

Note: Rout 20 was used.

LD 86

Prompt	Response	Description
>LD 86	Enter Overlay 86	
REQ	NEW	Create New
CUST	0	Customer Number as defined in LD15
FEAT	RLB	Route list Block
TYPE	RLI	Route list Index
RLI	37	Route list Index number
ENTR	0	First entry for the RLI
ROUT	20	Enter the route number

5.1.2. Create a Coordinated Dialling Plan

Use the **NEW** command in **LD 87** to create a CDP entry for ACS. For each extension a Distant Steering Code entry needs to be created. In the example below the **DSC is 3700**, **FLEN is 4** and the **RLI is 37**.

Note: The RLI number used was created in **Section 5.1.1**. In total 7 Distant Steering Codes were created (3700 to 3706).

LD 87

Prompt	Response	Description
>	LD 87	Enter Overlay 87
REQ	NEW	Create new
CUST	0	Customer Number as defined in LD15
FEAT	CDP	Coordinated dialling plan
TYPE	DSC	Distance Steering code
DSC	3700	Distant Steering code
FLEN	4	Flexible Length number of digits
RLI	37	Route list index Number

6. Configure Virtual Trunk Gateway

The Virtual Trunk Gateway on the Signalling Server needs to be configured to route calls to Session Manager. It is implied that the Signalling Server is already in place, and a Node is configured and is part of the security framework. The Virtual Trunk Gateway is configured using the CS1000 Element Manager web interface accessed via a link from System Manager → UCM Services (not shown) or UCM natively. Select the required Element Manager from the **Elements** screen (not shown).

Once the CS1000 Element Manager page opens navigate to **IP Network** → **Nodes: Services, Media Cards**.

The screenshot shows the CS1000 Element Manager web interface. The left sidebar contains a navigation menu with the following items: UCM Network Services, Home, Links, Virtual Terminals, System, Alarms, Maintenance, Core Equipment, Peripheral Equipment, IP Network (highlighted with a red box), Nodes: Servers, Media Cards (highlighted with a red box), Maintenance and Reports, Media Gateways, Zones, and Host and Route Tables. The main content area displays the 'System Overview' for the IP Network. It shows the IP Address as 172.18.20.14, the Type as Avaya Communication Server 1000E CPPM Linux, the Version as 4121, and the Release as 750 Q +.

Once the **IP Telephony Nodes** page opens click on the appropriate node (During compliance testing node 3 was used).

The screenshot shows the CS1000 Element Manager web interface, specifically the 'IP Telephony Nodes' page. The left sidebar is the same as the previous screenshot, with 'IP Network' and 'Nodes: Servers, Media Cards' highlighted. The main content area displays the 'IP Telephony Nodes' page. It shows the IP Address as 172.18.20.14, the Username as admin2, and the System as IP Network > IP Telephony Nodes. Below this, there is a table of nodes. The table has columns for Node ID, Components, Enabled Applications, ELAN IP, Node/TLAN IPv4, Node/TLAN IPv6, and Status. There is one node listed with Node ID 3, Components 1, Enabled Applications LTPS, PD, IP Media Services, Gateway (SIPGw, H323Gw), ELAN IP 10.166.92.219, and Status Synchronized. The table also includes buttons for Add, Import, Export, and Delete, and a Print/Refresh link. Below the table, there are checkboxes for Show: Nodes (checked), Component servers and cards (unchecked), and IPv6 address (checked).

Once the **Node Details** page opens scroll down using the vertical scroll bar on the right side of the page and click on **Gateway (SIPGw & H323Gw)**.

Element Manager

AVAYA CS1000 Element Manager

Managing: 172.18.20.14 Username: admin2
System » IP Network » IP Telephony Nodes » Node Details

Node Details (ID: 3 - LTPS, PD, IP Media Services, Gateway (SIPGw, H323Gw))

Subnet mask: 255.255.255.128 * Subnet mask: 255.255.255.224 *
Node IPv6 address:

IP Telephony Node Properties

- [Voice Gateway \(VGW\) and Codecs](#)
- [Quality of Service \(QoS\)](#)
- [LAN](#)
- [SNTP](#)
- [Numbering Zones](#)
- [MCDN Alternative Routing Treatment \(MALT\) Causes](#)

Applications (click to edit configuration)

- [SIP Line](#)
- [Terminal Proxy Server \(TPS\)](#)
- **[Gateway \(SIPGw & H323Gw\)](#)**
- [Personal Directories \(PD\)](#)
- [Presence Publisher](#)
- [IP Media Services](#)

* Required Value.

Save Cancel

Scroll down →

Once the **Virtual Trunk Gateway Configuration Details** page opens, scroll down using the vertical scroll bar on the right side of the page to **Proxy Or Redirect Server (Proxy Server route 1)** and enter the following:

- **Primary TLAN IP address** Enter the IP address of Session Manager (10.166.92.217)
- **Port** Enter **5060**
- **Transport protocol** Select **UDP** from the dropdown box
- **Options** Click the **Support registration** check box

Click on the **Save** button to save the configuration

The screenshot displays the AVAYA CS1000 Element Manager web interface. The left sidebar shows a navigation tree with categories like UCM Network Services, System, and Customers. The main content area is titled 'Node ID: 3 - Virtual Trunk Gateway Configuration Details'. It features a breadcrumb trail: 'System » IP Network » IP Telephony Nodes » Node Details » Virtual Trunk Gateway Configuration'. Below this, there are tabs for 'General', 'SIP Gateway Settings', 'SIP Gateway Services', and 'H.323 Gateway Settings'. The 'General' tab is active, showing configuration for 'Proxy Or Redirect Server'. Key fields include 'Proxy Server Route 1', 'Primary TLAN IP address' (set to 10.166.92.217), 'Port' (set to 5060), 'Transport protocol' (set to UDP), and 'Options' (with 'Support registration' checked). A 'Save' button is highlighted in red at the bottom right. A note at the bottom states: 'Note: Changes made on this page will NOT be transmitted until the Node is also saved.'

Once the Virtual Trunk Gateway Configuration is saved the Node must also be saved. On the **Node Details** page click on the **Save** button.

Element Manager

AVAYA CS1000 Element Manager

Managing: 172.18.20.14 Username: admin2
System » IP Network » IP Telephony Nodes » Node Details

Node Details (ID: 3 - LTPS, PD, IP Media Services, Gateway (SIPGw, H323Gw))

Node ID: * (0-9999)

Call server IP address: * TLAN address type: ☒ IPv4 only
☐ IPv4 and IPv6

Embedded LAN (ELAN) **Telephony LAN (TLAN)**

Gateway IP address: * Node IPv4 address: *

Subnet mask: * Subnet mask: *

Node IPv6 address:

* Required Value.

Save **Cancel**

On the **Node Saved** page click on the **Transfer Now** button.

Element Manager

AVAYA CS1000 Element Manager

Managing: 172.18.20.14 Username: admin2
System » IP Network » IP Telephony Nodes » Node Saved

Node Saved

Node ID: 3 has been saved on the call server.

The new configuration must also be transferred to associated servers and media cards.

Transfer Now... You will be given an option to select individual servers, or transfer to all.

Show Nodes You may initiate a transfer manually at a later time.

On the **Synchronize Configuration Files** page select the appropriate Signalling Server and click on the **Start Sync** button.

The screenshot shows the AVAYA CS1000 Element Manager interface. The left sidebar contains a navigation tree with categories like UCM Network Services, Home, Links, System, Alarms, Maintenance, Core Equipment, Peripheral Equipment, and IP Network. The main content area is titled 'Synchronize Configuration Files (Node ID <3>)' and includes a note about selecting components to synchronize. Below the note, there are three buttons: 'Start Sync' (highlighted with a red box), 'Cancel', and 'Restart Applications'. A table below these buttons lists components for synchronization.

Hostname	Type	Applications	Synchronization Status
☒ cores3	Signaling_Server	SIP Line, LTPS, Gateway, PD, Presence Publisher, IP Media Services	Sync required

* Application restart is only required for initial system configuration or if changes have been made to general LAN configurations, SNTP settings, SIP and H323 Gateway settings, network connectivity related parameters like ports and IP address, enabling or disabling services, or adding or removing application servers.

Once the synchronization is complete the applications must be restarted. Click on the **Restart Applications** button.

This screenshot shows the same AVAYA CS1000 Element Manager interface as the previous one, but now the 'Restart Applications' button is highlighted with a red box. The table below it shows that the synchronization status for 'cores3' has changed from 'Sync required' to 'Synchronized'.

Hostname	Type	Applications	Synchronization Status
☒ cores3	Signaling_Server	SIP Line, LTPS, Gateway, PD, Presence Publisher, IP Media Services	Synchronized

* Application restart is only required for initial system configuration or if changes have been made to general LAN configurations, SNTP settings, SIP and H323 Gateway settings, network connectivity related parameters like ports and IP address, enabling or disabling services, or adding or removing application servers.

7. Configuring Avaya Aura® Session Manager

A number of configurations are required to enable the CS1000E to route call to the ACS and vice versa. All configurations of Session Manager are preformed using System Manager. The configuration operations described in this section can be summarized as follows:

- Logging on to System Manager
- Create Aastra Connectivity Server as a SIP Entity
- Create an Entity Link for Aastra Connectivity Server
- Create a Routing Policy for Aastra Connectivity Server
- Create a Dial Pattern for Aastra Connectivity Server

Note: It is implied a working system is already in place. During compliance testing a SIP Entity and an Entity Link for the CS1000E were created. Also a Routing Policy and a Dial Pattern to route calls to the CS1000E were created and are outside the scope of this Application Note.

7.1. Logging on to Avaya Aura® System Manager

Log on by accessing the browser-based GUI of System Manager, using the URL

“http://<fqdn>/SMGR” or “http://<ip-address>/SMGR”, where:

“<fqdn>” is the fully qualified domain name of the System Manager or the “<ipaddress>” is the IP address of System Manager.

Once the System Manager web page opens, log in with the appropriate credentials.

System Manager

AVAYA Avaya Aura® System Manager 6.2

Home / Log On

Log On

This system is restricted solely to authorized users for legitimate business purposes only. The actual or attempted unauthorized access, use, or modification of this system is strictly prohibited.

Unauthorized users are subject to company disciplinary procedures and or criminal and civil penalties under state, federal, or other applicable domestic and foreign laws.

The use of this system may be monitored and recorded for administrative and security reasons. Anyone accessing this system expressly consents to such monitoring and recording, and is advised that if it reveals possible evidence of criminal activity, the evidence of such activity may be provided to law enforcement officials.

All users must comply with all corporate instructions regarding the protection of information assets.

User ID:

Password:

Log On Clear

7.2. Create Aastra Connectivity Server as a SIP Entity

Once logged in select the **Routing** Link under the **Elements** column.

Avaya Aura® System Manager 6.2

Last Logged on at April 17, 2013 9:00 AM
[Help](#) | [About](#) | [Change Password](#) | [Log off admin](#)

Users

Administrators
Manage Administrative Users

Directory Synchronization
Synchronize users with the enterprise directory

Groups & Roles
Manage groups, roles and assign roles to users

UCM Roles
Manage UCM Roles, assign roles to users

User Management
Manage users, shared user resources and provision users

Elements

B5800 Branch Gateway
Manage B5800 Branch Gateway 6.2 elements

Communication Manager
Manage Communication Manager 5.2 and higher elements

Conferencing
Manage Conferencing Multimedia Server objects

Inventory
Manage, discover, and navigate to elements, update element software

Meeting Exchange
Manage Meeting Exchange and Avaya Aura Conferencing 6.0 elements

Messaging
Manage Avaya Aura Messaging, Communication Manager Messaging, and Modular Messaging

Presence
Presence

Routing
Network Routing Policy

Session Manager
Session Manager Element Manager

SIP AS 8.1
SIP AS 8.1

Services

Backup and Restore
Backup and restore System Manager database

Bulk Import and Export
Manage Bulk Import and Export of Users, User Global Settings, Roles, Elements and others

Configurations
Manage system wide configurations

Events
Manage alarms, view and harvest logs

Licenses
View and configure licenses

Replication
Track data replication nodes, repair replication nodes

Scheduler
Schedule, track, cancel, update and delete jobs

Security
Manage Security Certificates

Templates
Manage Templates for Communication Manager, Messaging System and B5800 Branch Gateway elements

UCM Services
Manage UCM applications and navigation such as CS1000 deployment, patching, ISSS and SNMP

A SIP Entity must be added for ACS. To add a SIP Entity, select **SIP Entities** on the left panel menu and then click on the **New** button (not shown).

Note: A SIP Entity was already configured for the CS1000E and was called **cores3**.

Enter the following for ACS SIP Entity:

Under **General**:

- **Name** Enter an informative name (e.g., **Aastra**)
- **FQDN or IP Address** Enter the IP address of the signalling interface on ACS
- **Type** Select **SIP Trunk** from the dropdown box
- **Location** Select **Session_Location** from the dropdown box
- **Time Zone** Select time zone for this location from the dropdown box
- **SIP Timer** Enter **4**

Once the correct information is entered click the **Commit** Button

Note: During compliance testing **Adaptation** was left blank.

AVAYA Avaya Aura® System Manager 6.2

Last Logged on at April 17, 2013 9:00 AM
Help | About | Change Password | Log off admin

Routing * Home

Home / Elements / Routing / SIP Entities

SIP Entity Details

General

* Name: Aastra

* FQDN or IP Address: 10.166.92.215

Type: SIP Trunk

Notes:

Adaptation:

Location: Session_Location

Time Zone: Europe/Dublin

Override Port & Transport with DNS SRV: ☐

* SIP Timer B/F (in seconds): 4

Credential name:

Call Detail Recording: egress

Commit Cancel

7.3. Create an Entity Link for Aastra Connectivity Server

The SIP trunk between Session Manager and ACS Server requires an Entity Link.

To add an Entity Link, select **Entity Links** on the left panel menu and click on the **New** button (Not shown). Enter the following ACS Entity Links:

- **Name** An informative name, (e.g. **To Aastra**)
- **SIP Entity 1** Select **Session Manager** from the **SIP Entity 1** dropdown box
- **Protocol** Select **TCP** from the Protocol drop down box
- **Port** Enter **5060**
- **SIP Entity 2** Select **Aastra** from the **SIP Entity 2** dropdown box (configured in **Section 7.2**)
- **Port** Enter **5060** as the Port
- **Connection Policy** Select **Trusted** from the **Connection Policy** dropdown

Click **Commit** to save changes. The following screen shows the Entity Links used.

Avaya Aura® System Manager 6.2

Last Logged on at April 17, 2013 9:00 AM
Help | About | Change Password | Log off admin

Routing x Home

Routing
Domains
Locations
Adaptations
SIP Entities
Entity Links
Time Ranges
Routing Policies
Dial Patterns
Regular Expressions
Defaults

Home / Elements / Routing / Entity Links

Entity Links

1 Item Refresh Filter: Enable

Name	SIP Entity 1	Protocol	Port	SIP Entity 2	Port	Connection Policy	Notes
* Aastra	* Session_Manager	TCP	* 5060	* Aastra	* 5060	Trusted	toAastra

* Input Required

Commit Cancel

7.4. Create a Routing Policy for Aastra Connectivity Server

Create routing policies to direct calls to ACS. To add a routing policy, select **Routing Policies** on the left panel menu and then click on the **New** button (not shown). In **Routing Policy Details** enter an informative name in the **Name** field(example, **toAastra**) and enter **0** in the **Retries** field. In **SIP Entity as Destination**, click **Select**.

The screenshot shows the 'Routing Policy Details' screen in Avaya Aura System Manager 6.2. The left sidebar has 'Routing Policies' selected. The main area is titled 'Routing Policy Details' and has a 'General' tab. The 'Name' field is set to 'toAastra' and the 'Retries' field is set to '0'. The 'SIP Entity as Destination' section has a 'Select' button. The 'Commit' and 'Cancel' buttons are at the top right.

Name	FQDN or IP Address	Type	Notes
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Once the SIP Entity List screen opens, check the **Aastra** radio button. Click on the **Select** button to confirm the chosen options and then return to the **Routing Policies Details** screen and select **Commit** button (not shown) to save.

The screenshot shows the 'SIP Entity List' screen in Avaya Aura System Manager 6.2. The left sidebar has 'SIP Entities' selected. The main area is titled 'SIP Entity List' and has a 'Select' button. Below the title is a table of SIP Entities.

Name	FQDN or IP Address	Type	Notes
Aastra	10.166.92.215	SIP Trunk	

7.5. Create a Dial Pattern for Aastra Connectivity Server

A dial pattern must be created on Session Manager to route calls to and from the ACS. During testing 7 numbers were used, 3700 to 3706. The example below only shows 3700, the remaining numbers are created the same way. To configure the ACS Dial Pattern select **Dial Patterns** on the left panel menu and then click on the **New** button (not shown).

Under **General** carry out the following for each number:

- **Pattern** Enter 3700
- **Min** Enter 4 as the minimum length of dialed number
- **Max** Enter 4 as the maximum length of dialed number
- **SIP Domain** Select **dpp.nortel** from the drop down box

Click the **Add** button in **Originating Locations and Routing Policies**.

Avaya Aura® System Manager 6.2

Last Logged on at April 17, 2013 9:00 AM
Help | About | Change Password | Log off admin

Routing * Home

Home / Elements / Routing / Dial Patterns

Dial Pattern Details

General

* Pattern: 3700

* Min: 4

* Max: 4

Emergency Call: ☐

Emergency Priority:

Emergency Type:

SIP Domain: dpp.nortel

Notes:

Originating Locations and Routing Policies

Add Remove

0 Items Refresh Filter: Enable

	Originating Location Name	Originating Location Notes	Routing Policy Name	Rank	Routing Policy Disabled	Routing Policy Destination	Routing Policy Notes
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In **Originating Location** check the **Session_Location** check box. Under **Routing Policies** check the **toAstra** check box. Click on the **Select** button to confirm the chosen options and then be returned to the Dial Pattern screen (shown previously), select **Commit** button to save.

The screenshot shows the Avaya Aura System Manager 6.2 web interface. The left sidebar contains a navigation menu with options like Domains, Locations, Adaptations, SIP Entities, Entity Links, Time Ranges, Routing Policies, Dial Patterns, Regular Expressions, and Defaults. The main content area is titled 'Home / Elements / Routing / Dial Patterns' and 'Originating Location and Routing Policy List'. It features a 'Select' button and a 'Cancel' button. Below these are two sections: 'Originating Location' and 'Routing Policies'. The 'Originating Location' section has a checkbox for 'Apply The Selected Routing Policies to All Originating Locations' and a table with one item, 'Session_Location', which is checked. The 'Routing Policies' section has a table with five items, including 'toAstra', which is checked. The 'Select' button is highlighted with a red box.

8. Configure Aastra Connectivity Server

As stated in **Section 1**, Aastra do not require the configuration of Aastra Connectivity Server to be part of this Application Note.

9. Verification Steps

This section provides the tests that can be performed to verify correct configuration of Avaya and Aastra solution.

1. Make a call to the ACS Speech attendant and request to be transferred to a known extension. Ensure the call is connected.
2. Make a call to the ACS Speech attendant and request to be transferred to a known extension which is busy and request to leave a voice message. Ensure the call is transferred to voice mail and a message can be left.
3. Make a call to the ACS Attendant queue. Ensure the Attendant receives and answers the call.

10. Conclusion

A full and comprehensive set of feature functional test cases were performed during compliance testing. Aastra Connectivity Server 7.5 is considered compliant with Avaya Communication Server 1000E 7.5 IP via an Avaya Aura® Session Manager 6.2. All test cases have passed and met the objectives outlined in **Section 2.2**.

11. Additional References

These documents form part of the Avaya official technical reference documentation suite. Further information may be had from <http://support.avaya.com> or from your Avaya representative.

- [1] *Software Input Output Reference — Administration Avaya Communication Server 1000 7.5, NN43001-611, 05.09 September 2011*
- [2] *System Management Reference, Avaya Communication Server 1000 7.5, NN43001-600, 05.07 August 2011*
- [3] *Administering Avaya Aura® System Manager Release 6.2, July 2012*
- [4] *Administering Avaya Aura® Session Manager Release 6.1 November 2010*

Product Documentation for Aastra Connectivity Server can be obtained from Aastra at: www.aastra.com/support.htm

Appendix A: Avaya Communication Server 1000E Software

Avaya Communication Server 1000E call server deplists and patches						
VERSION 4121						
RELEASE 7						
ISSUE 50 Q +						
DepList 1: core Issue: 01 (created: 2013-01-11 11:29:20 (est)) ALTERED						
IN-SERVICE PEPS						
PAT#	CR #	PATCH REF #	NAME	DATE	FILENAME	
SPECINS						
000	wi00969890	ISS1:10F1	p31664_1	13/02/2013	p31664_1.cpl	YES
001	wi01037975	ISS1:10F1	p32227_1	13/02/2013	p32227_1.cpl	YES
002	wi00978892	ISS1:10F1	p31894_1	13/02/2013	p31894_1.cpl	NO
003	wi00925218	ISS1:10F1	p30675_1	13/02/2013	p30675_1.cpl	NO
004	wi00881777	ISS1:10F1	p25747_1	13/02/2013	p25747_1.cpl	NO
005	wi00862574	iss1:10f1	p30870_1	13/02/2013	p30870_1.cpl	NO
006	wi00879322	ISS1:10F1	p30954_1	13/02/2013	p30954_1.cpl	NO
007	wi00976209	ISS1:10F1	p31717_1	13/02/2013	p31717_1.cpl	YES
008	wi00984178	ISS1:10F1	p31786_1	13/02/2013	p31786_1.cpl	NO
009	wi00959284	ISS1:10F1	p31531_1	13/02/2013	p31531_1.cpl	NO
010	wi00905660	ISS1:10F1	p27968_1	13/02/2013	p27968_1.cpl	NO
011	wi00897082	ISS1:10F1	p31124_1	13/02/2013	p31124_1.cpl	NO
012	wi00897096	ISS1:10F1	p30676_1	13/02/2013	p30676_1.cpl	NO
013	wi01038128	ISS1:10F1	p32208_1	13/02/2013	p32208_1.cpl	NO
014	wi00896680	ISS1:10F1	p30357_1	13/02/2013	p30357_1.cpl	NO
015	wi00937672	ISS1:10F1	p31276_1	13/02/2013	p31276_1.cpl	NO
016	wi00859123	ISS1:10F1	p30648_1	13/02/2013	p30648_1.cpl	NO
017	wi00949273	ISS1:10F1	p31411_1	13/02/2013	p31411_1.cpl	NO
018	wi00840590	ISS1:10F1	p30767_1	13/02/2013	p30767_1.cpl	NO
019	wi00967505	ISS1:10F1	p31491_1	13/02/2013	p31491_1.cpl	NO
020	wi01040096	ISS1:10F1	p32214_1	13/02/2013	p32214_1.cpl	NO
021	wi01020587	ISS1:10F1	p32097_1	13/02/2013	p32097_1.cpl	NO
022	wi00906163	ISS1:10F1	p31205_1	13/02/2013	p31205_1.cpl	NO
023	wi00949627	ISS1:10F1	p31462_1	13/02/2013	p31462_1.cpl	NO
024	wi00875701	ISS1:10F1	p30942_1	13/02/2013	p30942_1.cpl	NO
025	wi00937114	ISS1:10F1	p31310_1	13/02/2013	p31310_1.cpl	NO
026	wi00858335	ISS1:10F1	p30819_1	13/02/2013	p30819_1.cpl	NO
027	wi00869243	ISS1:10F1	p30848_1	13/02/2013	p30848_1.cpl	NO
028	wi00896394	ISS1:10F1	p30807_1	13/02/2013	p30807_1.cpl	NO
029	wi00925208	ISS1:10F1	p30986_1	13/02/2013	p30986_1.cpl	NO
030	wi00835294	ISS1:10F1	p30565_1	13/02/2013	p30565_1.cpl	NO
031	wi00962211	ISS1:10F1	p31580_1	13/02/2013	p31580_1.cpl	NO
032	wi00945997	ISS1:10F1	p31641_1	13/02/2013	p31641_1.cpl	NO
033	wi00907697	ISS1:10F1	p31227_1	13/02/2013	p31227_1.cpl	NO
034	wi00886321	ISS1:10F1	p31009_1	13/02/2013	p31009_1.cpl	NO
035	wi00854130	ISS1:10F1	p30443_1	13/02/2013	p30443_1.cpl	NO
036	wi01044845	ISS1:10F1	p31739_1	13/02/2013	p31739_1.cpl	NO
037	WI00927300	ISS1:10F1	p30999_1	13/02/2013	p30999_1.cpl	NO
038	wi01008106	ISS1:10F1	p31861_1	13/02/2013	p31861_1.cpl	NO
039	wi00898327	ISS1:10F1	p31136_1	13/02/2013	p31136_1.cpl	NO
040	wi00832106	ISS1:10F1	p30550_1	13/02/2013	p30550_1.cpl	NO
041	wi00900096	ISS1:10F1	p31006_1	13/02/2013	p31006_1.cpl	NO

042	wi00959820	ISS1:10F1	p31562_1	13/02/2013	p31562_1.cpl	NO
043	wi00895090	ISS1:10F1	p31105_1	13/02/2013	p31105_1.cpl	NO
044	wi00967509	ISS1:10F1	p31294_1	13/02/2013	p31294_1.cpl	NO
045	wi00890475	p30952	p31048_1	13/02/2013	p31048_1.cpl	NO
046	wi00852365	ISS1:10F1	p30707_1	13/02/2013	p30707_1.cpl	NO
047	wi00957252	ISS1:10F1	p31530_1	13/02/2013	p31530_1.cpl	NO
048	wi00887744	ISS2:10F1	p31026_2	13/02/2013	p31026_2.cpl	NO
049	WI00853473	ISS1:10F1	p30625_1	13/02/2013	p30625_1.cpl	NO
050	wi00905600	ISS1:10F1	p31201_1	13/02/2013	p31201_1.cpl	NO
051	WI00889786	ISS1:10F1	p30750_1	13/02/2013	p30750_1.cpl	NO
052	wi01037583	ISS1:10F1	p32201_1	13/02/2013	p32201_1.cpl	NO
053	wi00843623	ISS1:10F1	p30731_1	13/02/2013	p30731_1.cpl	YES
054	wi00960809	ISS1:10F1	p31564_1	13/02/2013	p31564_1.cpl	NO
055	wi00854469	ISS1:10F1	p30701_1	13/02/2013	p30701_1.cpl	NO
056	wi00978818	ISS1:10F1	p31919_1	13/02/2013	p31919_1.cpl	NO
057	wi00964006	ISS1:10F1	p31595_1	13/02/2013	p31595_1.cpl	YES
058	wi00865477	ISS1:10F1	p30898_1	13/02/2013	p30898_1.cpl	YES
059	wi00905297	ISS1:10F1	p31195_1	13/02/2013	p31195_1.cpl	NO
060	wi00839255	ISS1:10F1	p30591_1	13/02/2013	p30591_1.cpl	NO
061	wi00960133	ISS2:10F1	p31557_2	13/02/2013	p31557_2.cpl	NO
062	wi01008943	ISS1:10F1	p31382_1	13/02/2013	p31382_1.cpl	NO
063	wi00943172	ISS1:10F1	p31402_1	13/02/2013	p31402_1.cpl	NO
064	wi00877367	ISS1:10F1	p30534_1	13/02/2013	p30534_1.cpl	NO
065	wi00857566	ISS1:10F1	p30766_1	13/02/2013	p30766_1.cpl	NO
066	wi00948274	ISS1:10F1	p31365_1	13/02/2013	p31365_1.cpl	NO
067	wi00841980	ISS1:10F1	p30618_1	13/02/2013	p30618_1.cpl	NO
068	wi00897176	ISS1:10F1	p30418_1	13/02/2013	p30418_1.cpl	NO
069	wi00865477	ISS1:10F1	p30892_1	13/02/2013	p30892_1.cpl	YES
070	wi00931028	ISS1:10F1	p31354_1	13/02/2013	p31354_1.cpl	YES
071	wi00875425	ISS1:10F1	p30943_1	13/02/2013	p30943_1.cpl	NO
072	wi00968531	ISS1:10F1	p31645_1	13/02/2013	p31645_1.cpl	NO
073	wi00895181	ISS1:10F1	p31106_1	13/02/2013	p31106_1.cpl	NO
074	wi00973241	ISS1:10F1	p31715_1	13/02/2013	p31715_1.cpl	NO
075	wi00948931	ISS1:10F1	p31407_1	13/02/2013	p31407_1.cpl	NO
076	wi00968157	ISS1:10F1	p31637_1	13/02/2013	p31637_1.cpl	NO
077	wi00871969	ISS1:10F1	p30768_1	13/02/2013	p30768_1.cpl	NO
078	wi00967510	ISS1:10F1	p31147_1	13/02/2013	p31147_1.cpl	NO
079	wi00891626	ISS1:10F1	p31051_1	13/02/2013	p31051_1.cpl	YES
080	wi01031512	ISS1:10F1	p32154_1	13/02/2013	p32154_1.cpl	YES
081	wi00839821	ISS1:10F1	p30619_1	13/02/2013	p30619_1.cpl	NO
082	WI00839794	ISS1:10F1	p28647_1	13/02/2013	p28647_1.cpl	NO
083	wi01033550	ISS1:10F1	p31565_1	13/02/2013	p31565_1.cpl	NO
084	wi00856991	ISS1:10F1	p17588_1	13/02/2013	p17588_1.cpl	NO
085	wi00842409	ISS1:10F1	p30621_1	13/02/2013	p30621_1.cpl	NO
086	wi00927321	ISS1:10F1	p31286_1	13/02/2013	p31286_1.cpl	YES
087	wi01027702	ISS1:10F1	p32140_1	13/02/2013	p32140_1.cpl	NO
088	wi00880386	ISS1:10F1	p30977_1	13/02/2013	p30977_1.cpl	NO
089	wi01006811	ISS1:10F1	p31967_1	13/02/2013	p31967_1.cpl	YES
090	wi00838073	ISS1:10F1	p30588_1	13/02/2013	p30588_1.cpl	NO
091	wi00965838	ISS1:10F1	p31623_1	13/02/2013	p31623_1.cpl	NO
092	wi00879526	ISS1:10F1	p31007_1	13/02/2013	p31007_1.cpl	NO
093	wi01039079	ISS1:10F1	p32210_1	13/02/2013	p32210_1.cpl	NO
094	wi00969581	ISS1:10F1	p31661_1	13/02/2013	p31661_1.cpl	YES
095	wi01007960	ISS1:10F1	p31965_1	13/02/2013	p31965_1.cpl	NO
096	wi01003861	ISS1:10F1	p32113_1	13/02/2013	p32113_1.cpl	YES

097	wi00863876	ISS1:1OF1	p30787_1	13/02/2013	p30787_1.cpl	NO
098	wi01016398	ISS1:1OF1	p32019_1	13/02/2013	p32019_1.cpl	NO
099	wi00856702	ISS1:1OF1	p30573_1	13/02/2013	p30573_1.cpl	NO
100	wi01030651	ISS1:1OF1	p32159_1	13/02/2013	p32159_1.cpl	NO
101	wi00932948	ISS1:1OF1	p31077_1	13/02/2013	p31077_1.cpl	NO
102	wi00969208	ISS1:1OF1	p31656_1	13/02/2013	p31656_1.cpl	NO
103	WI00836292	ISS1:1OF1	p30554_1	13/02/2013	p30554_1.cpl	NO
104	wi00908598	ISS1:1OF1	p31235_1	13/02/2013	p31235_1.cpl	NO
105	wi00880836	ISS1:1OF1	p30976_1	13/02/2013	p30976_1.cpl	NO
106	WI00854150	ISS1:1OF1	p30468_1	13/02/2013	p30468_1.cpl	NO
107	wi00894243	ISS1:1OF1	p31087_1	13/02/2013	p31087_1.cpl	NO
108	wi00877592	ISS1:1OF1	p30880_1	13/02/2013	p30880_1.cpl	NO
109	wi00871739	ISS1:1OF1	p30856_1	13/02/2013	p30856_1.cpl	NO
110	wi00688381	ISS1:1OF1	p30104_1	13/02/2013	p30104_1.cpl	NO
111	wi00955753	ISS1:1OF1	p31733_1	13/02/2013	p31733_1.cpl	NO
112	wi00850521	ISS1:1OF1	p30709_1	13/02/2013	p30709_1.cpl	YES
113	wi00932204	ISS2:1OF1	p31305_2	13/02/2013	p31305_2.cpl	NO
114	wi00906022	ISS1:1OF1	p31202_1	13/02/2013	p31202_1.cpl	NO
115	wi00860279	ISS1:1OF1	p30789_1	13/02/2013	p30789_1.cpl	NO
116	wi00959457	ISS1:1OF1	p31551_1	13/02/2013	p31551_1.cpl	NO
117	wi00852389	ISS1:1OF1	p30641_1	13/02/2013	p30641_1.cpl	NO
118	wi01007604	ISS1:1OF1	p31983_1	13/02/2013	p31983_1.cpl	NO
119	wi00834382	ISS1:1OF1	p30548_1	13/02/2013	p30548_1.cpl	NO
120	wi00883604	ISS1:1OF1	p30973_1	13/02/2013	p30973_1.cpl	NO
121	wi00921295	ISS1:1OF1	p31265_1	13/02/2013	p31265_1.cpl	NO
122	wi01001911	ISS1:1OF1	p31920_1	13/02/2013	p31920_1.cpl	NO
123	wi00909476	ISS1:1OF1	p31340_1	13/02/2013	p31340_1.cpl	NO
124	wi00923899	ISS1:1OF1	p31270_1	13/02/2013	p31270_1.cpl	NO
125	wi00856410	ISS1:1OF1	p30749_1	13/02/2013	p30749_1.cpl	NO
126	wi00859499	ISS1:1OF1	p30694_1	13/02/2013	p30694_1.cpl	NO
127	wi00951837	ISS1:1OF1	p31485_1	13/02/2013	p31485_1.cpl	NO
128	wi01012638	ISS1:1OF1	p32008_1	13/02/2013	p32008_1.cpl	NO
129	wi00950575	ISS1:1OF1	p31724_1	13/02/2013	p31724_1.cpl	NO
130	wi01037848	ISS1:1OF1	p32202_1	13/02/2013	p32202_1.cpl	NO
131	wi00899584	ISS1:1OF1	p30809_1	13/02/2013	p30809_1.cpl	NO
132	wi01037234	ISS1:1OF1	p32220_1	13/02/2013	p32220_1.cpl	NO
133	wi01014478	ISS1:1OF1	p32301_1	13/02/2013	p32301_1.cpl	NO
134	wi00942734	ISS1:1OF1	p31409_1	13/02/2013	p31409_1.cpl	NO
135	wi00865477	ISS1:1OF1	p30893_1	13/02/2013	p30893_1.cpl	YES
136	wi00930649	ISS1:1OF1	p31570_1	13/02/2013	p31570_1.cpl	NO
137	wi01034409	ISS1:1OF1	p29708_1	13/02/2013	p29708_1.cpl	NO
138	wi00826075	ISS1:1OF1	p30452_1	13/02/2013	p30452_1.cpl	NO
139	wi00959463	ISS1:1OF1	p31528_1	13/02/2013	p31528_1.cpl	NO
140	wi00929140	ISS1:1OF1	p31284_1	13/02/2013	p31284_1.cpl	NO
141	wi00824257	ISS1:1OF1	p30447_1	13/02/2013	p30447_1.cpl	NO
142	WI00836334	ISS1:1OF1	p30481_1	13/02/2013	p30481_1.cpl	NO
143	wi00936714	ISS1:1OF1	p31379_1	13/02/2013	p31379_1.cpl	NO
144	wi00903381	ISS1:1OF1	p30421_1	13/02/2013	p30421_1.cpl	NO
145	wi00839134	ISS1:1OF1	p30698_1	13/02/2013	p30698_1.cpl	YES
146	wi00967507	ISS1:1OF1	p31416_1	13/02/2013	p31416_1.cpl	NO
147	wi00853178	ISS1:1OF1	p30719_1	13/02/2013	p30719_1.cpl	NO
148	WI00928455	ISS1:1OF1	p31297_1	13/02/2013	p31297_1.cpl	NO
149	wi00903437	ISS1:1OF1	p31167_1	13/02/2013	p31167_1.cpl	NO
150	wi00884699	ISS1:1OF1	p31000_1	13/02/2013	p31000_1.cpl	YES
151	wi00932958	ISS1:1OF1	p31115_1	13/02/2013	p31115_1.cpl	NO

152	wi00896420	ISS1:10F1	p30867_1	13/02/2013	p30867_1.cpl	NO
153	wi00865477	ISS1:10F1	p30894_1	13/02/2013	p30894_1.cpl	YES
154	wi00925141	ISS1:10F1	p30802_1	13/02/2013	p30802_1.cpl	NO
155	wi00857362	ISS1:10F1	p30782_1	13/02/2013	p30782_1.cpl	NO
156	wi00956788	ISS1:10F1	p31638_1	13/02/2013	p31638_1.cpl	NO
157	wi00924886	ISS1:10F1	p31062_1	13/02/2013	p31062_1.cpl	YES
158	wi00854415	ISS1:10F1	p30593_1	13/02/2013	p30593_1.cpl	NO
159	wi00930864	ISS1:10F1	p31325_1	13/02/2013	p31325_1.cpl	NO
160	wi00968448	ISS1:10F1	p31648_1	13/02/2013	p31648_1.cpl	YES
161	wi00962955	ISS1:10F1	p31585_1	13/02/2013	p31585_1.cpl	NO
162	wi00977393	ISS1:10F1	p31744_1	13/02/2013	p31744_1.cpl	YES
163	wi00868729	ISS1:10F1	p31163_1	13/02/2013	p31163_1.cpl	NO
164	wi00951427	ISS1:10F1	p31478_1	13/02/2013	p31478_1.cpl	NO
165	wi00894443	ISS1:10F1	p31093_1	13/02/2013	p31093_1.cpl	NO
166	wi00956885	ISS1:10F1	p31489_1	13/02/2013	p31489_1.cpl	NO
167	wi00968353	ISS1:10F1	p31412_1	13/02/2013	p31412_1.cpl	NO
168	wi00836182	ISS1:10F1	p30450_1	13/02/2013	p30450_1.cpl	NO
169	wi00961267	ISS1:10F1	p30288_1	13/02/2013	p30288_1.cpl	NO
170	wi01037773	ISS1:10F1	p31544_1	13/02/2013	p31544_1.cpl	NO
171	wi01039170	ISS1:10F1	p32207_1	13/02/2013	p32207_1.cpl	YES
172	wi00903369	ISS1:10F1	p31165_1	13/02/2013	p31165_1.cpl	NO
173	wi00936935	ISS1:10F1	p31362_1	13/02/2013	p31362_1.cpl	NO
174	wi00900766	ISS1:10F1	p31159_1	13/02/2013	p31159_1.cpl	NO
175	wi00943748	ISS1:10F1	p31516_1	13/02/2013	p31516_1.cpl	NO
176	wi00882293	ISS1:10F1	p31010_1	13/02/2013	p31010_1.cpl	NO
177	wi00953900	ISS1:10F1	p31494_1	13/02/2013	p31494_1.cpl	NO
178	wi00949410	ISS1:10F1	p31248_1	13/02/2013	p31248_1.cpl	NO
179	wi00975659	ISS1:10F1	p31707_1	13/02/2013	p31707_1.cpl	NO
180	wi00946477	ISS1:10F1	p31426_1	13/02/2013	p31426_1.cpl	NO
181	wi01033893	ISS1:10F1	p32167_1	13/02/2013	p32167_1.cpl	NO
182	wi01044873	ISS1:10F1	p31749_1	13/02/2013	p31749_1.cpl	NO
183	wi01043458	ISS1:10F1	p31712_1	13/02/2013	p31712_1.cpl	NO
184	wi01022466	ISS1:10F1	p32205_1	13/02/2013	p32205_1.cpl	NO
185	wi00977002	ISS2:10F1	p30786_2	13/02/2013	p30786_2.cpl	NO
186	wi01045924	ISS1:10F1	p32259_1	13/02/2013	p32259_1.cpl	NO
187	wi01013144	ISS1:10F1	p31929_1	13/02/2013	p31929_1.cpl	NO
188	wi01010472	ISS1:10F1	p31975_1	13/02/2013	p31975_1.cpl	NO
189	wi01043713	ISS1:10F1	p32245_1	13/02/2013	p32245_1.cpl	YES
190	wi01031640	ISS1:10F1	p31607_1	13/02/2013	p31607_1.cpl	YES
191	wi01006063	ISS1:10F1	p31957_1	13/02/2013	p31957_1.cpl	NO
192	wi01041007	ISS1:10F1	p32059_1	13/02/2013	p32059_1.cpl	NO
193	wi01020043	ISS1:10F1	p32055_1	13/02/2013	p32055_1.cpl	NO
194	wi01029486	ISS1:10F1	p32144_1	13/02/2013	p32144_1.cpl	NO
195	wi01008505	ISS1:10F1	p31968_1	13/02/2013	p31968_1.cpl	NO
196	wi01039718	ISS1:10F1	p32279_1	13/02/2013	p32279_1.cpl	YES
197	wi01044828	ISS1:10F1	p31510_1	13/02/2013	p31510_1.cpl	NO
198	wi01003896	ISS1:10F1	p31631_1	13/02/2013	p31631_1.cpl	NO
199	wi01015780	ISS1:10F1	p32083_1	13/02/2013	p32083_1.cpl	NO
200	wi01051786	ISS1:10F1	p32296_1	13/02/2013	p32296_1.cpl	YES
201	wi01042755	ISS1:10F1	p31667_1	13/02/2013	p31667_1.cpl	NO
202	wi00976951	ISS1:10F1	p30112_1	13/02/2013	p30112_1.cpl	NO
203	wi01011078	ISS1:10F1	p31996_1	13/02/2013	p31996_1.cpl	NO
204	wi01018064	ISS1:10F1	p32044_1	13/02/2013	p32044_1.cpl	NO
205	wi01039486	ISS1:10F1	p32209_1	13/02/2013	p32209_1.cpl	YES
206	wi01012229	ISS1:10F1	p31993_1	13/02/2013	p31993_1.cpl	NO

207	wi00949136	ISS1:1OF1	p31441_1	13/02/2013	p31441_1.cpl	NO
208	wi00897279	ISS1:1OF1	p31129_1	13/02/2013	p31129_1.cpl	NO
209	wi01001938	ISS1:1OF1	p31921_1	13/02/2013	p31921_1.cpl	YES
210	wi01044868	ISS1:1OF1	p32261_1	13/02/2013	p32261_1.cpl	NO
211	wi01041545	ISS1:1OF1	p32236_1	13/02/2013	p32236_1.cpl	YES
212	wi01020959	ISS1:1OF1	p32062_1	13/02/2013	p32062_1.cpl	NO
213	wi01050993	ISS1:1OF1	p32289_1	13/02/2013	p32289_1.cpl	NO
214	wi01034420	ISS1:1OF1	p31584_1	13/02/2013	p31584_1.cpl	NO
215	wi01012423	ISS1:1OF1	p26155_1	13/02/2013	p26155_1.cpl	NO
216	wi01023570	ISS1:1OF1	p32096_1	13/02/2013	p32096_1.cpl	NO
217	wi00965009	ISS1:1OF1	p31600_1	13/02/2013	p31600_1.cpl	NO
218	wi01036339	ISS1:1OF1	p32204_1	13/02/2013	p32204_1.cpl	NO
219	wi01005927	ISS1:1OF1	p31905_1	13/02/2013	p31905_1.cpl	NO
220	wi00971980	ISS1:1OF1	p31863_1	13/02/2013	p31863_1.cpl	NO
221	wi01027609	ISS1:1OF1	p31850_1	13/02/2013	p31850_1.cpl	NO
222	wi01050057	ISS1:1OF1	p32286_1	13/02/2013	p32286_1.cpl	NO
223	wi01003814	ISS1:1OF1	p31940_1	13/02/2013	p31940_1.cpl	NO
224	wi01011113	ISS1:1OF1	p32054_1	13/02/2013	p32054_1.cpl	NO
225	wi01034779	ISS1:1OF1	p32174_1	13/02/2013	p32174_1.cpl	NO
226	wi01020752	ISS1:1OF1	p32108_1	13/02/2013	p32108_1.cpl	NO
227	wi01008316	ISS1:1OF1	p32026_1	13/02/2013	p32026_1.cpl	YES
228	wi01003384	ISS1:1OF1	p31479_1	13/02/2013	p31479_1.cpl	NO
229	wi01028950	ISS1:1OF1	p31782_1	13/02/2013	p31782_1.cpl	NO
230	wi01040531	ISS1:1OF1	p32218_1	13/02/2013	p32218_1.cpl	NO
231	wi00896319	ISS1:1OF1	p31070_1	13/02/2013	p31070_1.cpl	NO
232	wi00897250	ISS1:1OF1	p31127_1	13/02/2013	p31127_1.cpl	NO
233	wi01044293	ISS1:1OF1	p32250_1	13/02/2013	p32250_1.cpl	NO
234	wi01034452	ISS1:1OF1	p31672_1	13/02/2013	p31672_1.cpl	NO
235	wi01046101	ISS1:1OF1	p32263_1	13/02/2013	p32263_1.cpl	NO
236	wi01043882	ISS1:1OF1	p32248_1	13/02/2013	p32248_1.cpl	YES
237	wi00998328	ISS1:1OF1	p31899_1	13/02/2013	p31899_1.cpl	NO
238	wi00965603	ISS1:1OF1	p31618_1	13/02/2013	p31618_1.cpl	NO
239	wi01001588	ISS1:1OF1	p31976_1	13/02/2013	p31976_1.cpl	NO
240	wi01021598	ISS1:1OF1	p32066_1	13/02/2013	p32066_1.cpl	NO
241	wi01032447	ISS1:1OF1	p32160_1	13/02/2013	p32160_1.cpl	NO
242	wi00991907	iss1:1of1	p31907_1	13/02/2013	p31907_1.cpl	NO
243	wi01032794	ISS1:1OF1	p31480_1	13/02/2013	p31480_1.cpl	NO
244	wi01042791	ISS1:1OF1	p32234_1	13/02/2013	p32234_1.cpl	NO
245	wi01034774	ISS1:1OF1	p32173_1	13/02/2013	p32173_1.cpl	NO
246	wi01042118	ISS1:1OF1	p32231_1	13/02/2013	p32231_1.cpl	NO
247	wi01008188	ISS1:1OF1	p32020_1	13/02/2013	p32020_1.cpl	NO
248	wi01020230	ISS2:1OF1	p32057_2	13/02/2013	p32057_2.cpl	YES
249	wi01051024	ISS1:1OF1	p32290_1	13/02/2013	p32290_1.cpl	NO
250	wi01039099	ISS1:1OF1	p32269_1	13/02/2013	p32269_1.cpl	NO
251	WI01018404	ISS1:1OF1	p31568_1	13/02/2013	p31568_1.cpl	NO
252	wi01016303	ISS1:1OF1	p32031_1	13/02/2013	p32031_1.cpl	NO
253	wi01005653	ISS1:1OF1	p31952_1	13/02/2013	p31952_1.cpl	NO
254	wi01044600	ISS1:1OF1	p32255_1	13/02/2013	p32255_1.cpl	YES
255	wi01057299	ISS1:1OF1	p32367_1	13/02/2013	p32367_1.cpl	NO
256	wi00837538	ISS1:1OF1	p30568_1	13/02/2013	p30568_1.cpl	NO
257	wi01014835	ISS1:1OF1	p32015_1	13/02/2013	p32015_1.cpl	NO
258	wi00999802	ISS1:1OF1	p31577_1	13/02/2013	p31577_1.cpl	NO
259	wi01031887	ISS1:1OF1	p31814_1	13/02/2013	p31814_1.cpl	NO
260	wi01030088	ISS1:1OF1	p32148_1	13/02/2013	p32148_1.cpl	YES
261	wi00996889	ISS1:1OF1	p31933_1	13/02/2013	p31933_1.cpl	NO

262	wi01000796	ISS1:1OF1	p31800_1	13/02/2013	p31800_1.cpl	NO
263	wi01031825	ISS1:1OF1	p31882_1	13/02/2013	p31882_1.cpl	NO
264	wi01042285	ISS1:1OF1	p32230_1	13/02/2013	p32230_1.cpl	YES
265	wi01044026	ISS1:1OF1	p32249_1	13/02/2013	p32249_1.cpl	NO
266	wi00993743	ISS1:1OF1	p31865_1	13/02/2013	p31865_1.cpl	NO
267	wi01046277	ISS1:1OF1	p32265_1	13/02/2013	p32265_1.cpl	NO
268	wi01042797	ISS1:1OF1	p32089_1	13/02/2013	p32089_1.cpl	NO
269	wi01037022	ISS1:1OF1	p32192_1	13/02/2013	p32192_1.cpl	YES
270	wi01028650	ISS1:1OF1	p32188_1	13/02/2013	p32188_1.cpl	NO
271	wi01042548	ISS1:1OF1	p32232_1	13/02/2013	p32232_1.cpl	NO
272	wi00967514	ISS1:1OF1	p31351_1	13/02/2013	p31351_1.cpl	NO
273	wi01033197	ISS1:1OF1	p29818_1	13/02/2013	p29818_1.cpl	NO
274	wi01031571	ISS1:1OF1	p32158_1	13/02/2013	p32158_1.cpl	NO

MDP>LAST SUCCESSFUL MDP REFRESH :2013-02-07 18:05:16(Local Time)
MDP>USING DEPLIST ZIP FILE DOWNLOADED :2013-01-11 11:29:20(est)

ENABLED PLUGINS : 3

PLUGIN	STATUS	PRS/CR_NUM	MPLR_NUM	DESCRIPTION
59	ENABLED	Q00424115	MPLR10160	To Enable blind (UNGUARDED) transfer across MCDN Network; also contains MPLR23160
201	ENABLED	Q00424053	MPLR08139	PI:Cant XFER OUTG TRK TO OUTG TRK
501	ENABLED	Q02138637	MPLR30070	Enables blind transfer to a SIP endpoint even if SIP UPDATE is not supported by the far end

Avaya Communication Server 1000E Peripheral Software Version (PSWV) data

PSWV VERSION: PSWV 100

LCRI: VERSION NUMBER: AA02

XNET: VERSION NUMBER: AC23

XPEC: VERSION NUMBER: AC43

FNET: VERSION NUMBER: AA07

FPEC: VERSION NUMBER: AA08

MSDL: VERSION NUMBER: AJ73

SDI: VERSION NUMBER: AH51

DCH: VERSION NUMBER: AA72

AML: VERSION NUMBER: AK81

BRIL: VERSION NUMBER: AK83

BRIT: VERSION NUMBER: AK82

MISP: VERSION NUMBER: AJ71

MPH: VERSION NUMBER: AH51

BRSC: VERSION NUMBER: AJ71

BBRI: VERSION NUMBER: AH54

PRIE: VERSION NUMBER: AA87

BRIE: VERSION NUMBER: AK89

ISIG: VERSION NUMBER: AA33

SWE1: VERSION NUMBER: BA53

UKG1: VERSION NUMBER: BA51

AUS1: VERSION NUMBER: BA49

DEN1: VERSION NUMBER: BA48

FIN1: VERSION NUMBER: BA49

GER1: VERSION NUMBER: BA54

ITA1: VERSION NUMBER: AA54

NOR1: VERSION NUMBER: BA49

POR1: VERSION NUMBER: BA49
 DUT1: VERSION NUMBER: BA50
 EIR1: VERSION NUMBER: BA49
 SWI1: VERSION NUMBER: BA53
 BEL1: VERSION NUMBER: BA49
 SPA1: VERSION NUMBER: BA51
 NET1: VERSION NUMBER: BA48
 FRA1: VERSION NUMBER: BA52
 CIS1: VERSION NUMBER: BA48
 ETSI: VERSION NUMBER: BA48
 E403: VERSION NUMBER: BA07
 N403: VERSION NUMBER: BA05
 JTTC: VERSION NUMBER: AC08
 TCNZ: VERSION NUMBER: AA13
 AUBR: VERSION NUMBER: AA14
 AUPR: VERSION NUMBER: AA04
 HKBR: VERSION NUMBER: AA06
 HKPR: VERSION NUMBER: AA08
 SING: VERSION NUMBER: AA15
 THAI: VERSION NUMBER: AA07
 NI02: VERSION NUMBER: AA26
 T1IS: VERSION NUMBER: AA10
 T1ES: VERSION NUMBER: AA09
 ESGF: VERSION NUMBER: AC30
 ISGF: VERSION NUMBER: AC31
 ESGFTI: VERSION NUMBER: AC29
 ISGFTI: VERSION NUMBER: AC31
 INDO: VERSION NUMBER: AA06
 JAPN: VERSION NUMBER: AA16
 MSIA: VERSION NUMBER: AA04
 CHNA: VERSION NUMBER: AA04
 INDI: VERSION NUMBER: AA03
 PHLF: VERSION NUMBER: AA02
 TAIW: VERSION NUMBER: AA03
 EAUS: VERSION NUMBER: AA02
 EGF4: VERSION NUMBER: AC14
 DCH3: VERSION NUMBER: AA10
 PUP3: VERSION NUMBER: AA14
 T1E1: VERSION NUMBER: AA19
 DITI: VERSION NUMBER: AA40
 CLKC: VERSION NUMBER: AA20
 3902: VERSION NUMBER: AA84
 3903: VERSION NUMBER: AA91
 3904: VERSION NUMBER: AA94
 3905: VERSION NUMBER: AA94
 MGC, MGX and MGS:
 CSP VERSION: MGCC CD01
 MSP VERSION: MGCM AB01
 APP VERSION: MGCA BA07
 FPGA VERSION: MGCF AA18
 BOOT VERSION: MGCB BA07
 DSP1 VERSION: DSP1 AB03
 DSP2 VERSION: DSP2 AB03
 DSP3 VERSION: DSP3 AB03
 DSP4 VERSION: DSP4 AB01

Appendix B: Signalling Server Service Packs and patches

In System service updates: 30					
PATCH#	IN_SERVICE	DATE	SPECINS	REMOVABLE	NAME
0	Yes	29/03/13	NO	YES	cs1000-dmWeb-7.50.17.16-7.i386.000
3	Yes	01/05/12	NO	YES	cs1000-kcv-7.50.17.16-1.i386.000
5	Yes	02/05/12	NO	YES	ipsec-tools-0.6.5-14.el5.3_avaya_1.i386.000
6	Yes	29/03/13	NO	YES	cs1000-patchWeb-7.50.17.16-11.i386.000
7	Yes	01/05/12	NO	YES	cs1000-shared-pbx-7.50.17.16-1.i386.000
8	Yes	12/02/13	NO	YES	cs1000-dbcom-7.50.17.16-1.i386.000
10	Yes	07/02/13	YES	YES	cs1000-baseWeb-7.50.17.16-2.i386.000
15	Yes	12/02/13	NO	YES	cs1000-csmWeb-7.50.17.16-6.i386.000
17	Yes	01/05/12	NO	YES	cs1000-ipsec-7.50.17.16-1.i386.000
18	Yes	12/02/13	NO	YES	cs1000-mscAttn-7.50.17.16-6.i386.000
20	Yes	02/05/12	NO	YES	spiritAgent-6.1-1.0.0.108.208.i386.000
21	Yes	12/02/13	NO	YES	cs1000-emWeb_6-0-7.50.17.16-34.i386.000
22	Yes	12/02/13	NO	YES	cs1000-EmCentralLogic-7.50.17.16-2.i386.000
23	Yes	12/02/13	NO	yes	avaya-cs1000-cnd-4.0.20-00.i386.000
24	Yes	12/02/13	NO	yes	tzdata-2011h-2.el5.i386.000
26	Yes	12/02/13	NO	YES	cs1000-ncs-7.50.17.16-1.i386.000
27	Yes	12/02/13	NO	YES	cs1000-cs1000WebService_6-0-7.50.17.16-1.i386.000
29	Yes	12/02/13	NO	YES	cs1000-emWebLocal_6-0-7.50.17.16-3.i386.000
31	Yes	12/02/13	NO	YES	cs1000-csoneksvrmgr-7.50.17.16-1.i386.000
33	Yes	29/03/13	NO	YES	cs1000-linuxbase-7.50.17.16-15.i386.000
34	Yes	29/03/13	NO	YES	cs1000-Jboss-Quantum-7.50.17.16-33.i386.000
35	Yes	29/03/13	NO	YES	cs1000-sps-7.50.17.16-12.i386.000
36	Yes	29/03/13	NO	YES	cs1000-tps-7.50.17.16-29.i386.000
37	Yes	29/03/13	NO	YES	cs1000-ftrpkg-7.50.17.16-12.i386.000
38	Yes	29/03/13	NO	YES	cs1000-pd-7.50.17.16-2.i386.000
39	Yes	29/03/13	NO	YES	cs1000-bcc-7.50.17.16-87.i386.000
40	Yes	29/03/13	NO	YES	cs1000-mscAnnc-7.50.17.16-16.i386.000
41	Yes	29/03/13	NO	YES	cs1000-mscConf-7.50.17.16-4.i386.000
42	Yes	29/03/13	NO	YES	cs1000-mscMusc-7.50.17.16-17.i386.000
43	Yes	29/03/13	NO	YES	cs1000-vtrk-7.50.17.16-168.i386.000

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