Avaya Solution & Interoperability Test Lab

Application Notes for configuring ESTOS ECSTA R4.0 with Avaya Communication Server 1000E R7.6 using a CTI connection - Issue 1.0

Abstract

These Application Notes describe the configuration steps for provisioning ESTOS ECSTA to interoperate with Avaya Communication Server 1000E R7.6.

Readers should pay particular attention to the scope of testing as outlined in Section 2.1, as well as observations noted in Section 2.2 to ensure that their own use cases are adequately covered by this scope and results.

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

These Application Notes describe the configuration steps for provisioning ESTOS ECSTA to interoperate with Avaya Communication Server 1000E R7.6 (CS1000E). The CS1000E is connected seamlessly via Ethernet through the computer telephony interface (CTI) link to a Windows computer where the ECSTA driver is installed. The middleware communicates with the PBX via the ECMA-standardized Computer Supported Telecommunications Applications (CSTA) protocol.

ECSTA with TAPI for Avaya synchronizes perfectly with the newest generation of Microsoft operating systems, such as Windows Server 2012 R2 and Windows 8.1. It supports the newest standards and characteristics for computer-supported telecommunications applications (CSTA) and captures attention through its simple installation and maintenance. Furthermore, the logically constructed user interface ensures intuitive operation for the administrator.

The driver can handle multiple instances (for Multisite projects) and is available in 32- and 64-Bit Windows operating system compliant versions.

2. General Test Approach and Test Results

The general test approach was to configure the ESTOS ECSTA to communicate with the Avaya Communication Server 1000E using the CTI interface on the CS1000E signalling server. ESTOS EPhones were used as Telephony Application Programming Interface (TAPI) clients in conjunction with Microsoft TAPI to control the Avaya Deskphones. See **Figure 1** for a network diagram. The interoperability compliance test included both feature functionality and serviceability tests.

Note: A client was not used during compliance testing. Instead a test harness called Ephone.exe provided by ESTOS was used to demonstrate call control of the CS1000E endpoints which included 1100 Series IP UNIStim phones and an M3904 Digital phone.

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 interoperability compliance testing focused on various technical testing scenarios to verify the usage of ECSTA with the CS1000E. In addition, serviceability tests were also performed to assess the reliability and accuracy of the joint solution. The testing focused on the following types of calls:

- **Acquire existing CS1000E extensions** – ECSTA acquires the Avaya sets that are configured on the ECSTA driver. The sets 3000, 3015 and 3030 were all acquired for compliance testing.
- **Calls to CS1000E extensions**– Ensure that calls can be made to CS1000E extensions and answered using EPhone.
- **Calls from CS1000E extensions**– Ensure that calls can be made from CS1000E extensions using EPhone.
- **Calls to PSTN from CS1000E extensions -** Ensure that calls can be made to the PSTN using EPhone.
- **Calls from PSTN into CS1000E extensions** – Ensure that calls can be made to the CS1000E sets and answered using EPhone.
- **Hold/transfer and conference functionality**– Verify that calls can be placed on hold and transferred and conferenced.
- **Failover testing** - Verify the behaviour of ECSTA when there is a simulated LAN failure.

2.2. Test Results

All test cases passed except for the following issue.

- Using "Dial Digits" with Callpilot in order to send DTMF. The mailbox number was sent correctly however when the password was sent an error "line generate digits (0x0000048) operation failed" was observed and on another occasion the error "Line set call privilege (0x0000018) invalid call handle" was observed.

2.3. Support

Support from Avaya is available by visiting the website http://support.avaya.com and a list of product documentation can be found in **Section 10** of these Application Notes.

Technical Support can be obtained for ESTOS products as follows:

- Online: http://www.estos.com/contact/online-support-request.html
- Phone: + 49 (8151) 36856-177

3. Reference Configuration

Figure 1 illustrates the network topology used during compliance testing. The CTI feature is enabled on the CS1000E signaling server. ESTOS ECSTA is running on a Windows 7 64bit PC. Avaya 1140 UNIStim IP, Avaya 1120 UNIStim IP and an Avaya Digital 3904 set were configured on the CS1000E and were acquired by the ESTOS client EPhone. During compliance testing an ESTOS test harness called EPhone.exe was used as a TAPI client in conjunction with Microsoft TAPI to control the Avaya Deskphones. Inbound and outbound calls to the PSTN were made using a simulated PSTN. All voice was handled by the Avaya Deskphones.

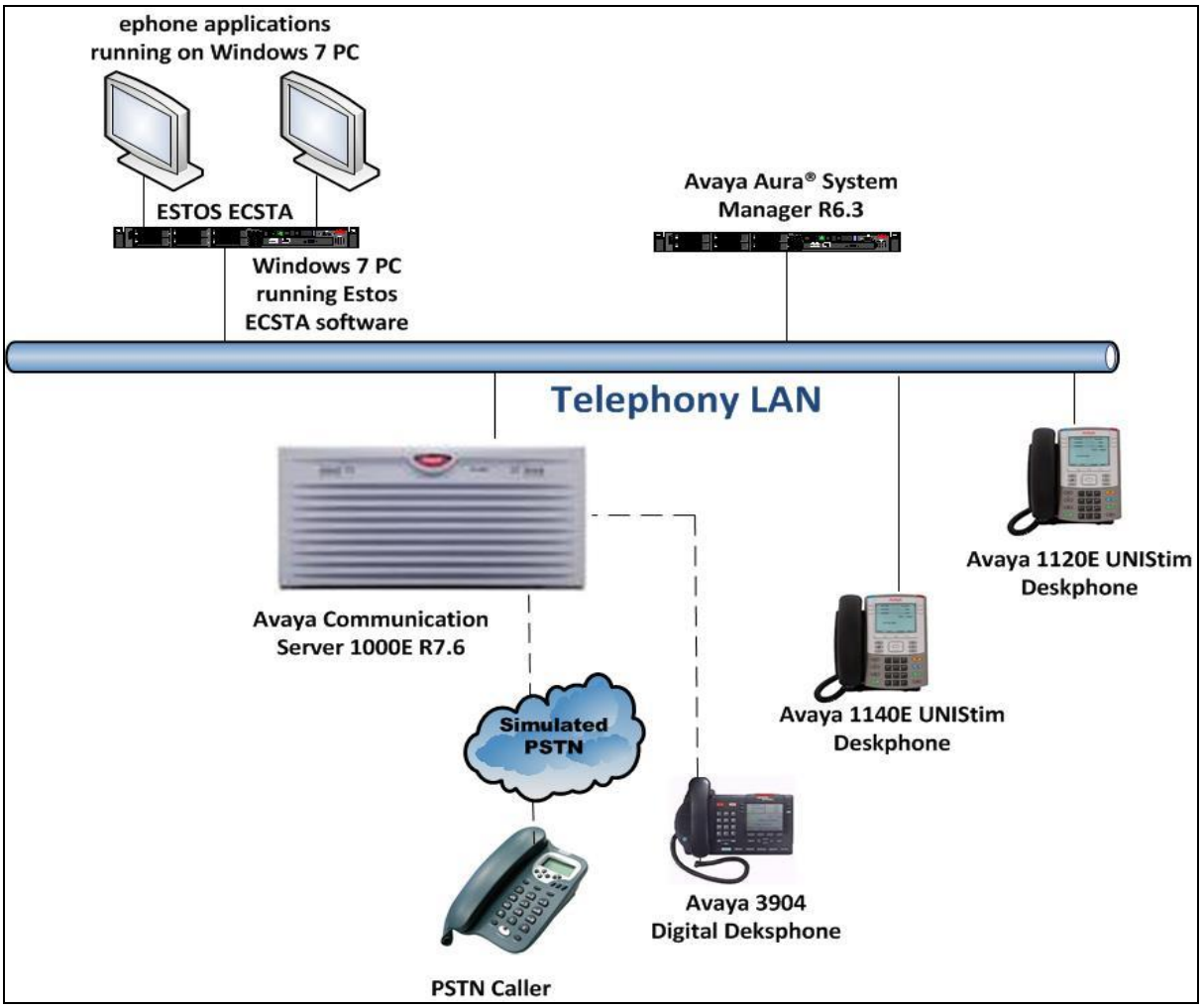


Figure 1: Connection of ESTOS ECSTA with Avaya Communication Server 1000E R7.6

4. Equipment and Software Validated

The following equipment and software was used for the compliance test.

Device Description	Versions Tested
Avaya Communication Server 1000E running on CPPM	R7.6 (See **Appendix A** for Patch details)
Avaya Aura® System Manager running on Virtual Server	R6.3.10 [Build 6.3.0.8.5682-6.3.8.4514] [SW Update Rev 6.3.10.7.2656]
Avaya Aura® Session Manager running on a Virtual Platform	R6.3 [Build 6.3.9.0.639011]
Avaya 1140 UNIStim Deskphone	UNIStim V0625C8D
Avaya 1120 UNIStim Deskphone	UNIStim V0624C8D
Avaya 3904 Digital set	Core Firmware 024 Flash Firmware 094
Dell Laptop running Windows 7 64bit - Microsoft TAPI driver	ESTOS ECSTA Version 4.0.6.3517 Version 3.1

5. Configure Avaya Communication Server 1000E

It is assumed that a fully functioning CS1000E is in place with the necessary licensing and with Avaya phones already programmed on the CS1000E. See **Appendix B** for a printout of the 1120e extension that was used during compliance testing. For further information on the configuration of CS1000E please see reference [1] in **Section 10** of these Application Notes.

PuTTY is used to administer the CS1000E. Using Putty, open an SSH Session to the Node IP address of the CS1000E, log in to the CS1000E Linux application using the appropriate credentials and type **cslogin** (not shown) to gain access to the PBX command line.

Note: A simulated PSTN connection was present on the CS1000E in the form of a QSIG ISDN connection, the configuration of which is outside the scope of these Application Notes.

5.1. Verify Licenses on CS1000E for ECSTA

A SIP CTI License is required to allow the ESTOS ECSTA solution to interoperate with the CS1000E. To ensure the CS1000E is licensed for SIP CTI use **LD 22** and type **SLT** at the **REQ** prompt. Check for **SIP CTI TR87** (In bold below). If there are no licenses please contact your Avaya representative.

LD 22

```
REQ SLT

System type is - Communication Server 1000E/CPPM Linux
CPPM - Pentium M 1.4 GHz

IPMGs Registered:               1
IPMGs Unregistered:             0
IPMGs Configured/unregistered:  0


TRADITIONAL TELEPHONES  2000    LEFT  1992    USED     8
DECT USERS              2000    LEFT  2000    USED     0
IP USERS                4000    LEFT  3982    USED    18
BASIC IP USERS          2000    LEFT  1998    USED     2
TEMPORARY IP USERS      2000    LEFT  2000    USED     0
DECT VISITOR USER       2000    LEFT  2000    USED     0
ACD AGENTS              2000    LEFT  1995    USED     5
MOBILE EXTENSIONS       2000    LEFT  1999    USED     1
TELEPHONY SERVICES      2000    LEFT  2000    USED     0
CONVERGED MOBILE USERS  2000    LEFT  2000    USED     0
AVAYA SIP LINES         2000    LEFT  1997    USED     3
THIRD PARTY SIP LINES   2000    LEFT  1998    USED     2

PCA                     2000    LEFT  2000    USED     0
ITG ISDN TRUNKS         2000    LEFT  2000    USED     0
H.323 ACCESS PORTS      2000    LEFT  1990    USED    10
AST                     2000    LEFT  1982    USED    18
SIP CONVERGED DESKTOPS  2000    LEFT  2000    USED     0
SIP CTI TR87            2000    LEFT  1993    USED     7
SIP ACCESS PORTS        2000    LEFT  1970    USED    30
RAN CON                 2000    LEFT  2000    USED     0
```

```
MUS CON                 2000    LEFT  2000    USED     0

IP RAN CON              2000    LEFT  2000    USED     0
IP MUS CON              2000    LEFT  2000    USED     0
IP MEDIA SESSIONS       2000    LEFT  1997    USED     3
TNS                    10000    LEFT  9812    USED   188
ACDN                   24000    LEFT 23979    USED    21
AML                       16    LEFT    12    USED     4
IDLE_SET_DISPLAY Cores3 Rls 7.5
LTID                    2000    LEFT  2000    USED     0
RAN RTE                  512    LEFT   510    USED     2
ATTENDANT CONSOLES       100    LEFT    99    USED     1
IP ATTENDANT CONSOLES   2000    LEFT  1999    USED     1
BRI DSL                10000    LEFT 10000    USED     0
```

5.2. Configure the ELAN connection on the CS1000E for ECSTA

Use the **CHG** command in **LD17** to configure an ELAN to communicate to the ESTOS ECSTA server. Follow the commands shown below to create a **new elan 32**. Note that it should be 32 that is entered for the new ELAN.

LD 17

```
Prompt Response      Description
>             LD 17         Enter Overlay 17
REQ           chg           Change
TYPE          adan          Change the Action Device and Number
ADAN          new elan 32   Create New ELAN
CTYP          elan          Card type is ELAN
DES           Estos         Description
```

Use the **CHG** command in **LD17** to configure **VAS** to communicate to the ESTOS ECSTA server. AT the **ELAN** prompt enter **32** as was configured above. Ensure that **SECU** is set to **yes**.

LD 17

```
Prompt Response      Description
>             LD 17         Enter Overlay 17
REQ           chg           Change
TYPE          vas           Value added service
VAS           new           Create new VAS
VSID          32            VAS ID
ELAN          32            ELAN number
SECU          yes           Security
```

5.3. Configure the existing CS1000E extensions for ECSTA

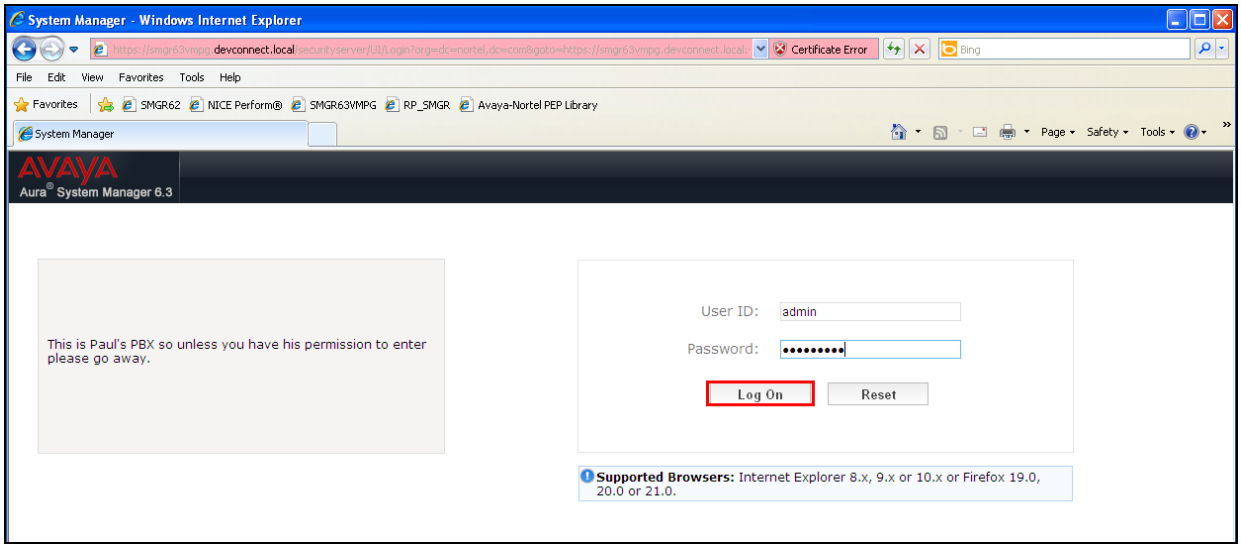
Each Deskphone to be acquired by the CTI clients need the following configured: **CLS** = **T87A**, **AST** = **00**, **IPGI** = **1**. Use the **CHG** command in **LD 20** to change the values if the deskphone is already configured. If adding the deskphone for the first time use the **NEW** command also in **LD 20**. The example below shows how to change the configuration for an 1120 IP deskphone. This procedure is the same for other types of sets.

LD 20

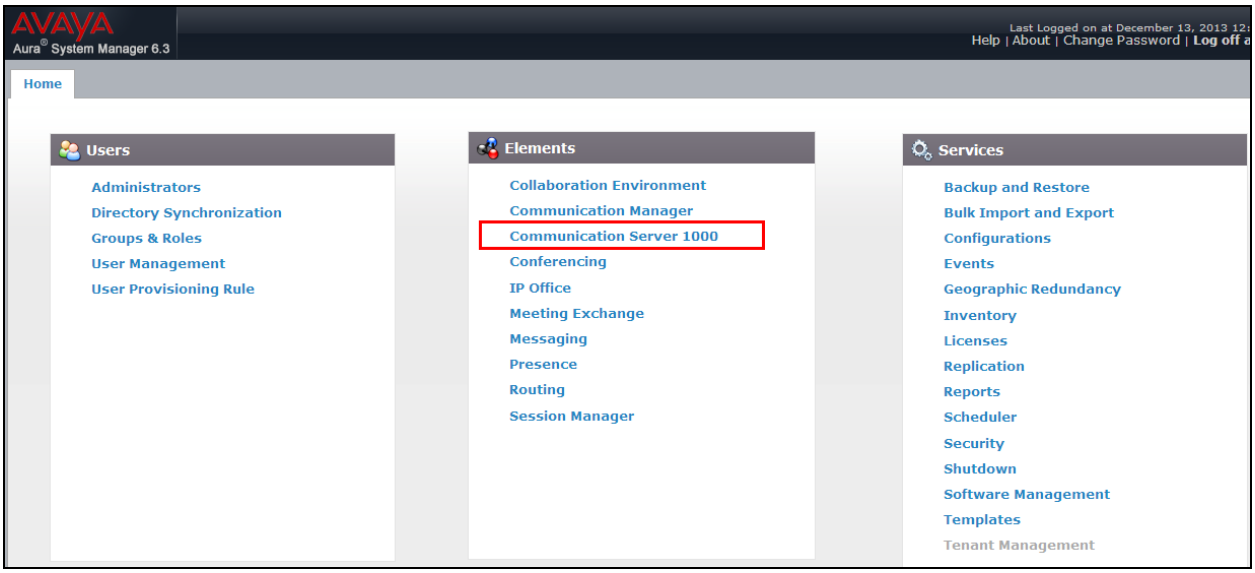
```
Prompt              Response            Description
>                   LD 20               Enter Overlay 20
REQ                 chg                 Change Data
TYPE                1120                3904 TelEPhone set type
TN                  100 0 0 0           Terminal number
CUST                0                   Customer Number
CLS                 T87A                Class of Service
AST                 00                  Key Assignments of TelEPhone set
IAPG                1                   Event Group for UCM Message
```

6. Configure Avaya Communication Server 1000E Signalling Server

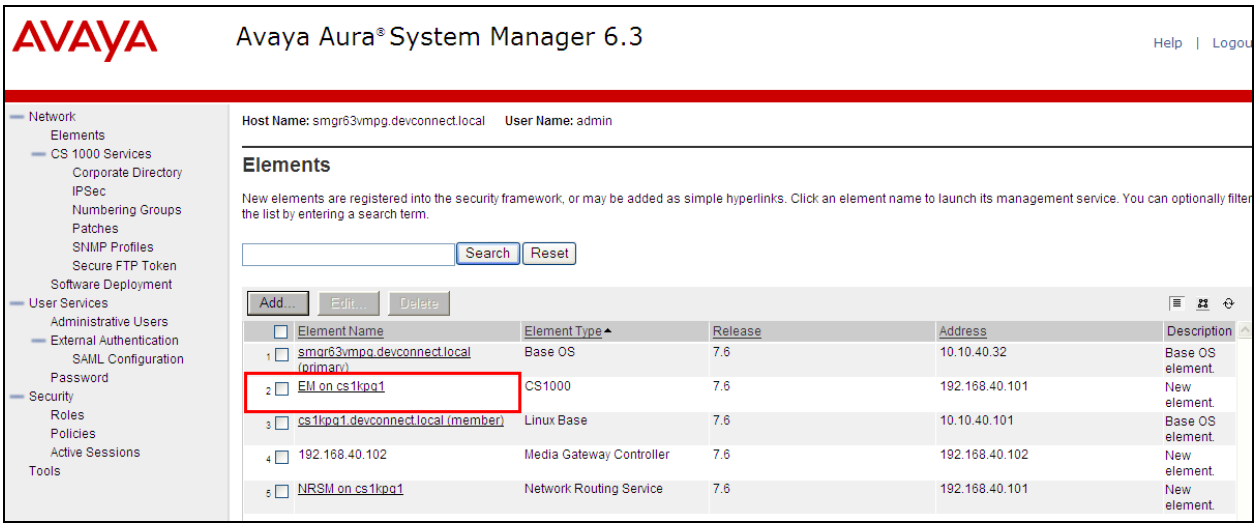
Access to the CS1000E Signalling Server is achieved by logging into System Manager using a Web Browser by entering **http://<FQDN >/SMGR**, where **<FQDN>** is the fully qualified domain name of System Manager or **http://<IP Address>/SMGR**. Log in using appropriate credentials.



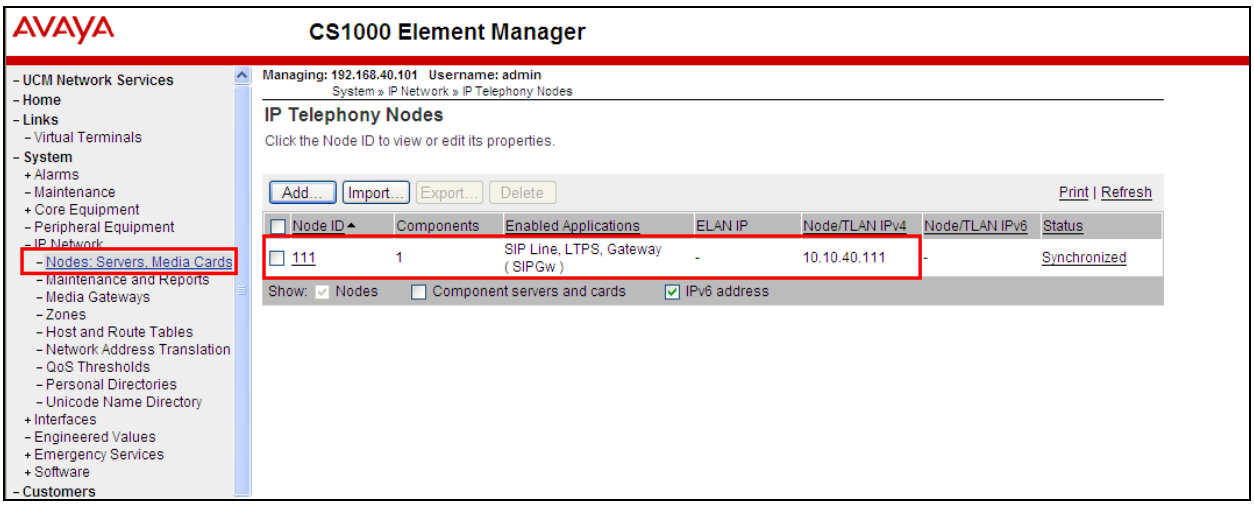
Once logged in, click on **Communication Server 1000** as highlighted.



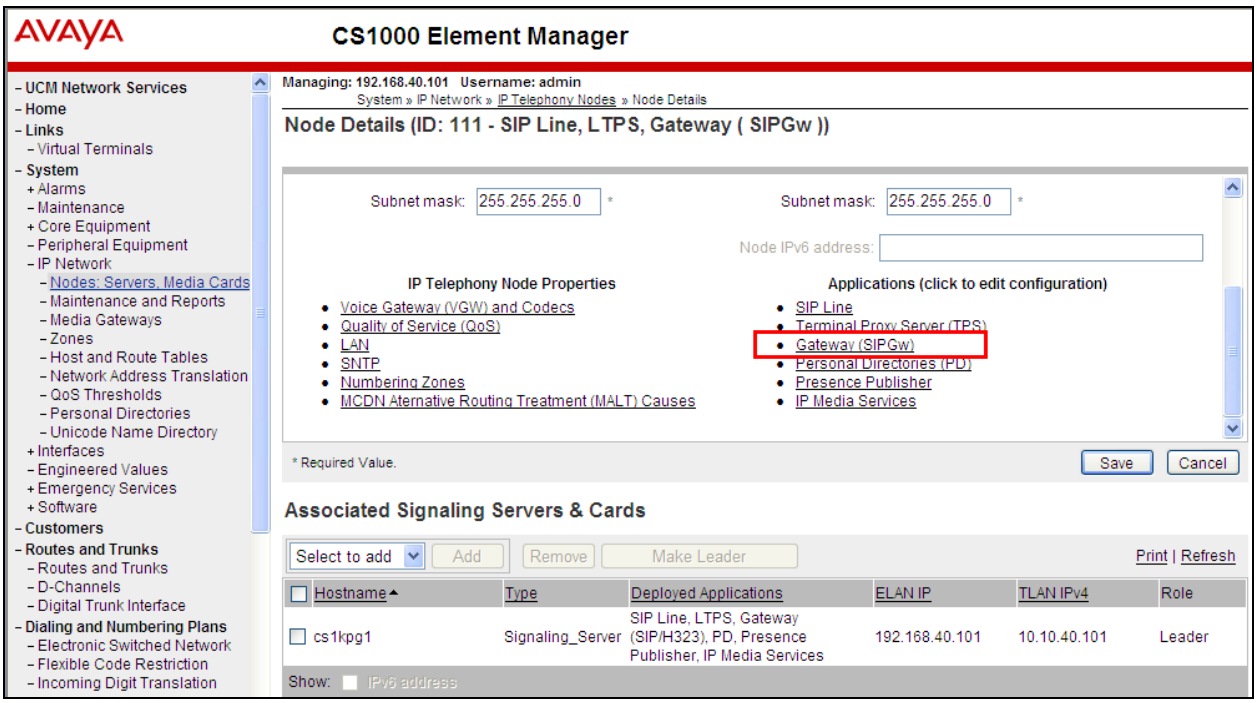
The following screen appears showing the various **Elements**, select **EM on cs1kpg** (note this name may appear different depending on the system).



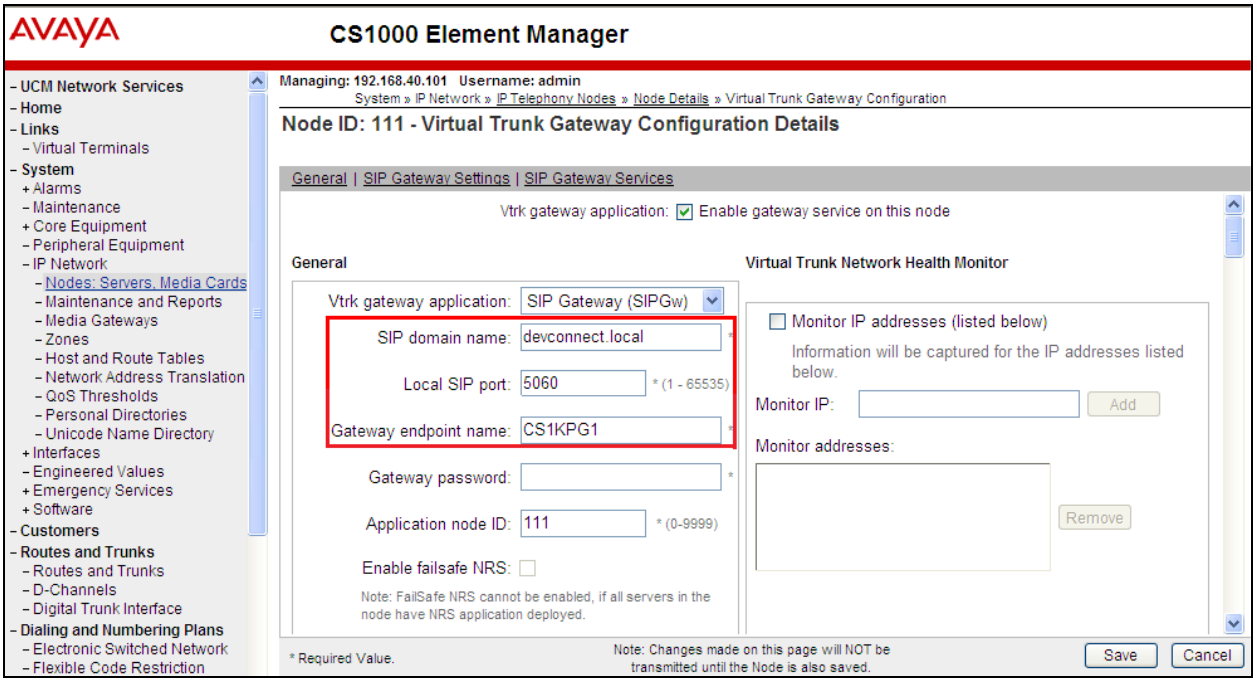
Navigate to **IP Network → Nodes Servers and Media Cards** in the left window and select the Node associated with the CS1000E. In the example below this **Node ID** is **111**. Open this node by clicking on **111** highlighted below.



Select **Gateway (SIPGw)** highlighted.

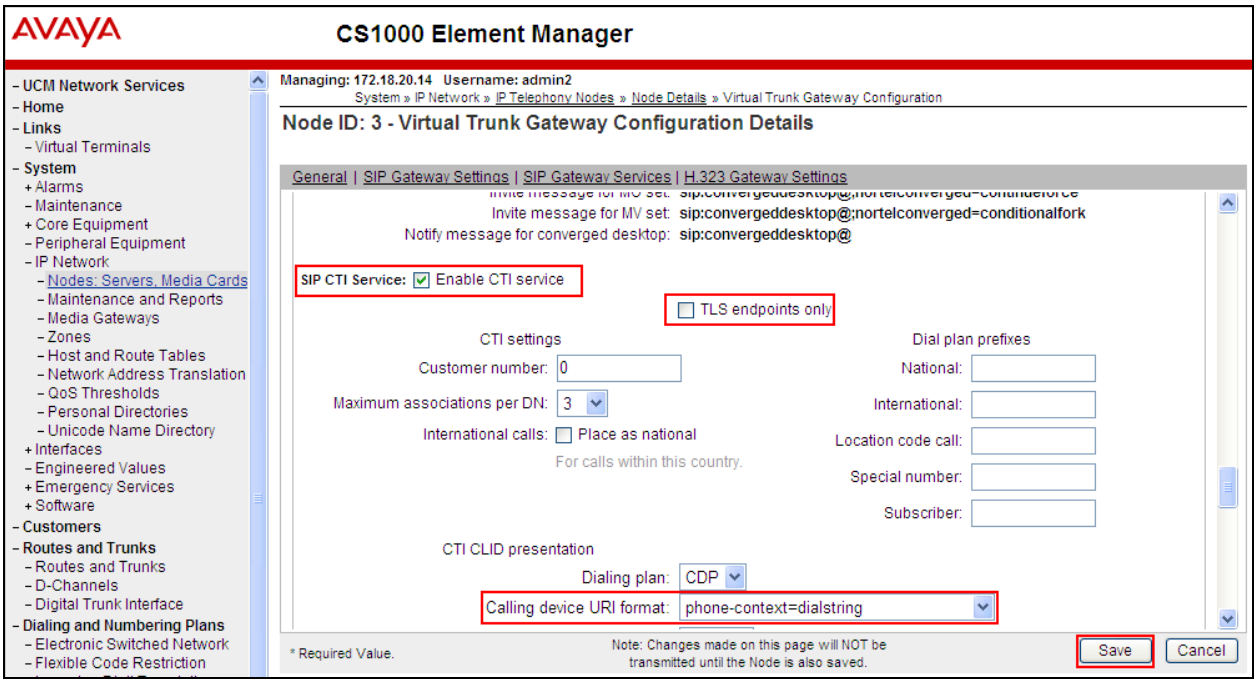


Note the correct **SIP domain name**, **port** and the **Gateway endpoint name**; this will be referenced again in **Section 7.1**.

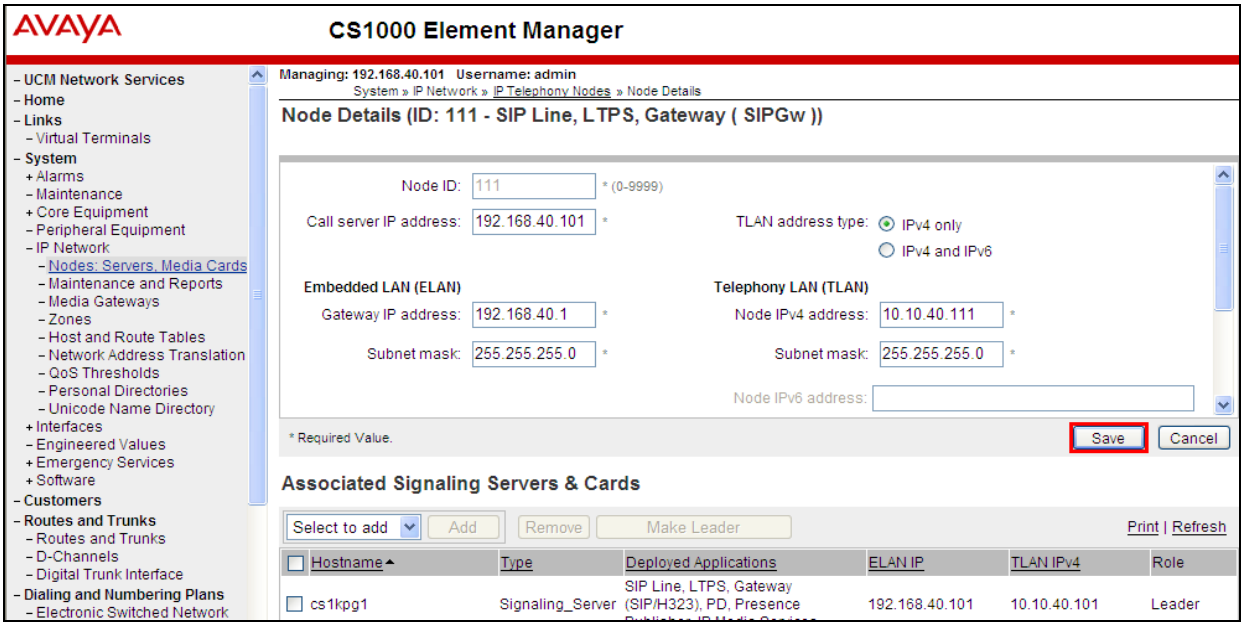


Scroll down to **SIP CTI Services** check the **Enable CTI service** check box, uncheck the **TLS endpoints only** check box, and select **phone-context=dialstring** from the **Calling device URI format** dropdown box. Click the **Save** button to save the configurations. Once the **Save** button is clicked the **Node Details** page will open.

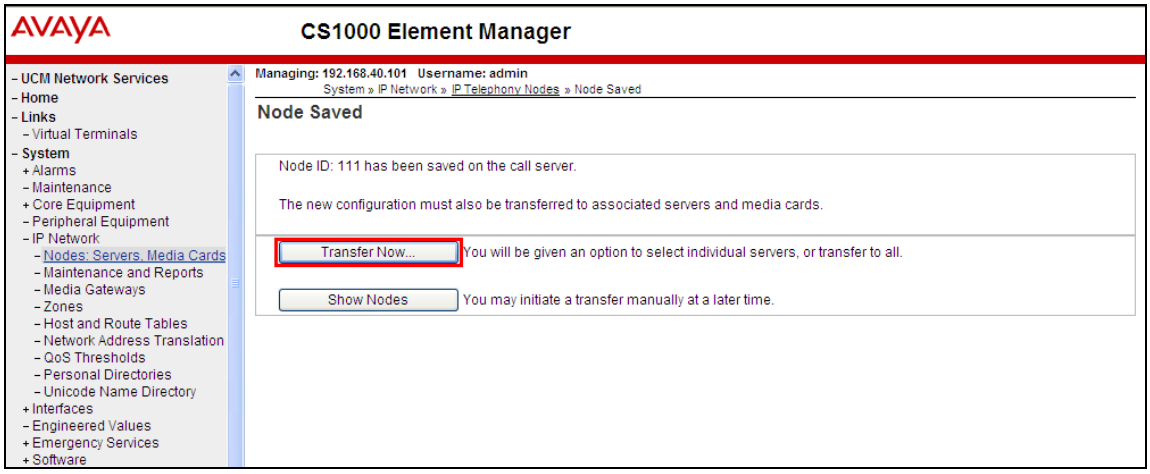
Note: Changes made on this page will **NOT** be transmitted until the Node is also saved. Click on **Save** at the bottom right of the screen.



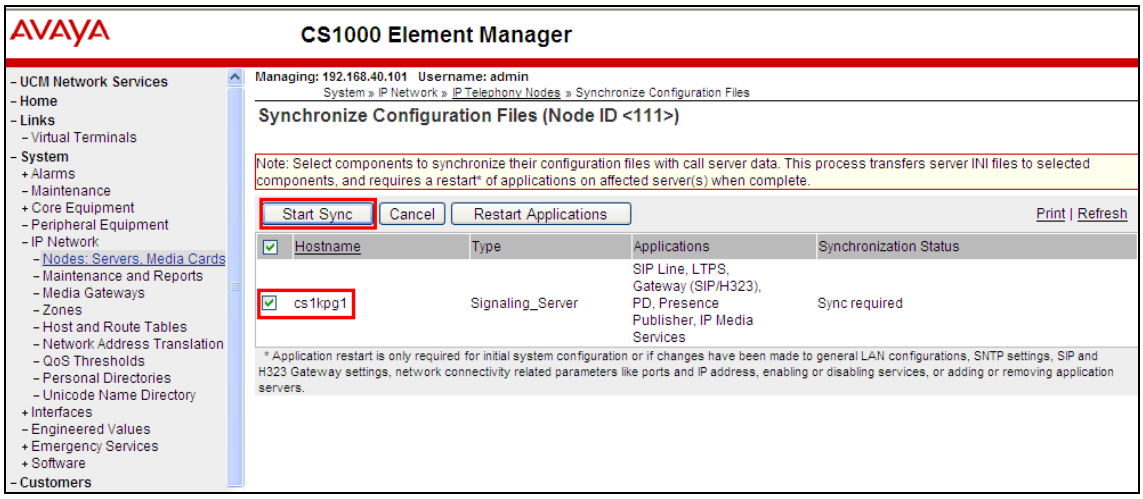
Click on **Save** again as highlighted below.



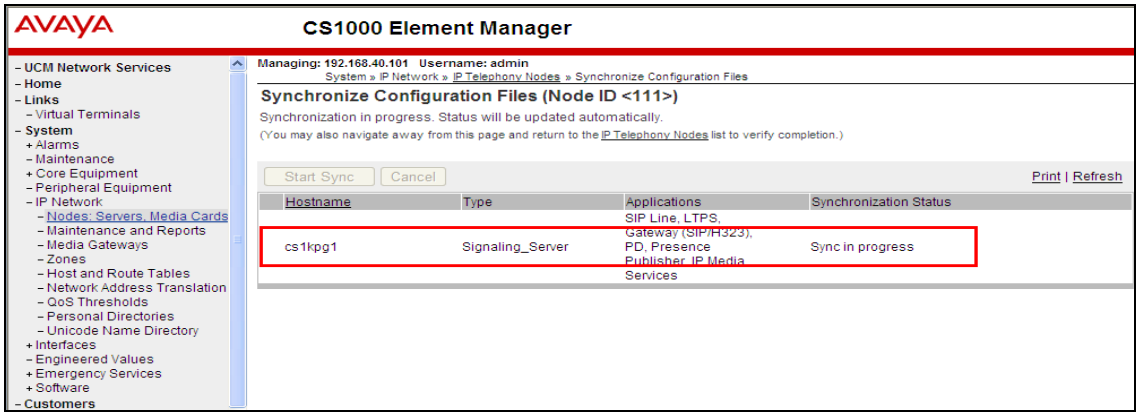
Select **Transfer Now** as shown below.



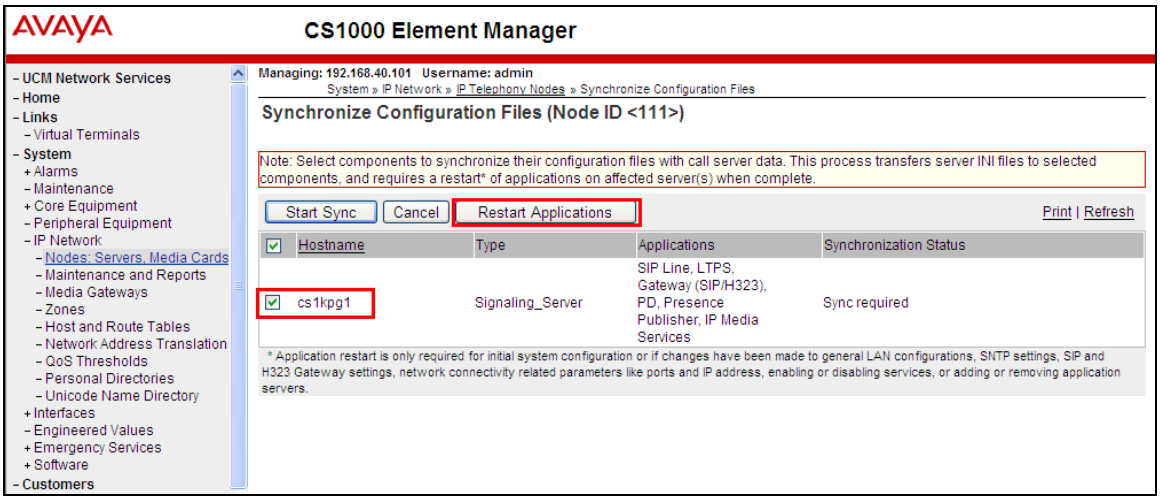
The following screen is displayed requiring that synchronization is performed followed by a restart of the Applications. Ensure the **Hostname** is ticked and click on **Start Sync**.



The following screen shows the **Sync in progress**.



Once the Sync is completed select the **Hostname** again and click on **Restart Applications**. This will complete the Signalling Server configuration for Session Manager routing.



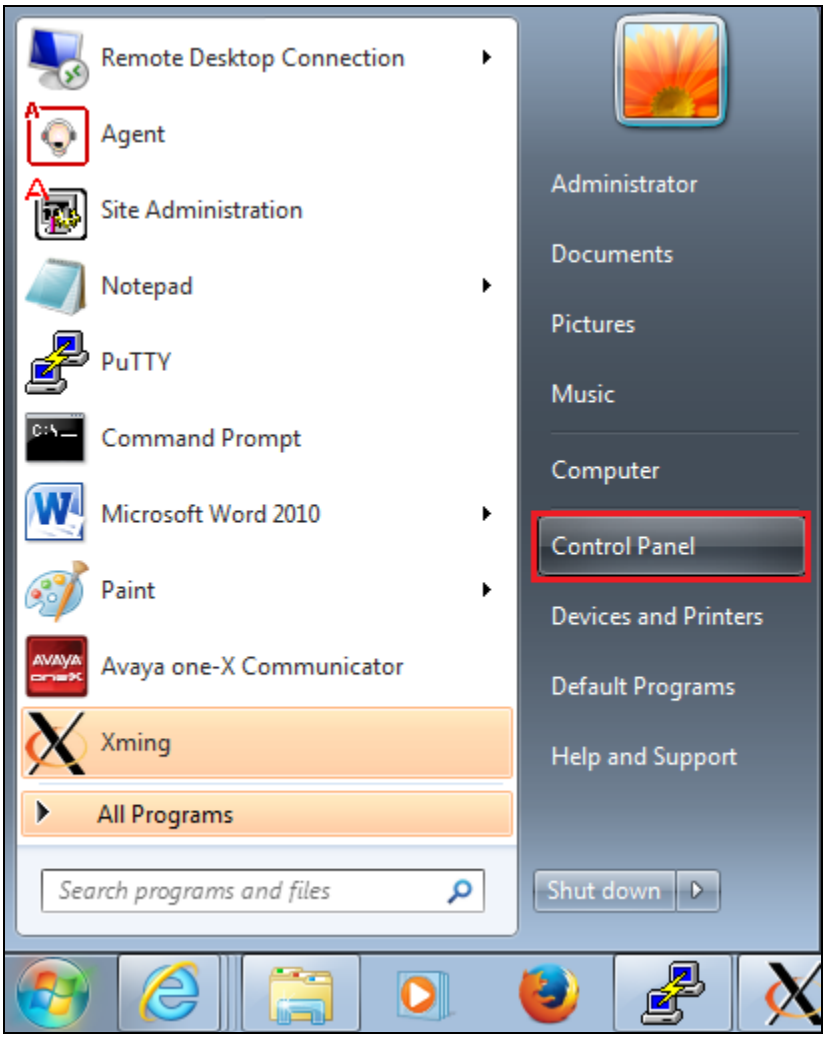
7. Configure ESTOS ECSTA

This section describes the steps required to configure the ESTOS ECSTA application in order to connect successfully with the CS1000E. It is implied that the ECSTA is already installed. For all other provisioning information such as initial installation, please refer to the product documentation in **Section 10**.

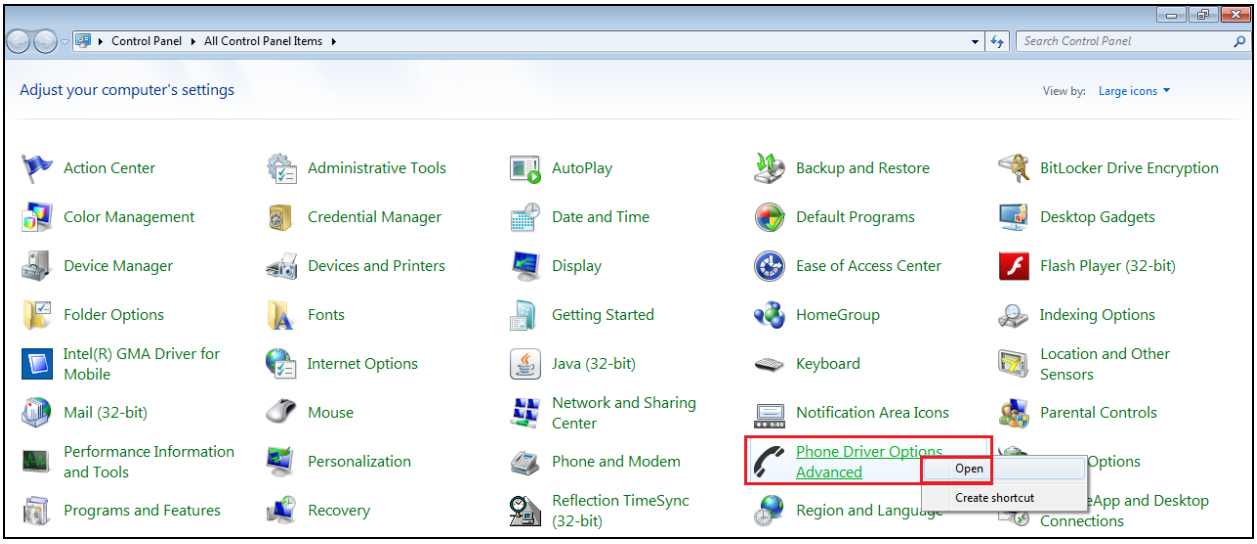
Note: ESTOS EPhone which was used as the TAPI client during compliance testing and its installation is outside the scope of this document.

7.1. Configure Phone Driver Options

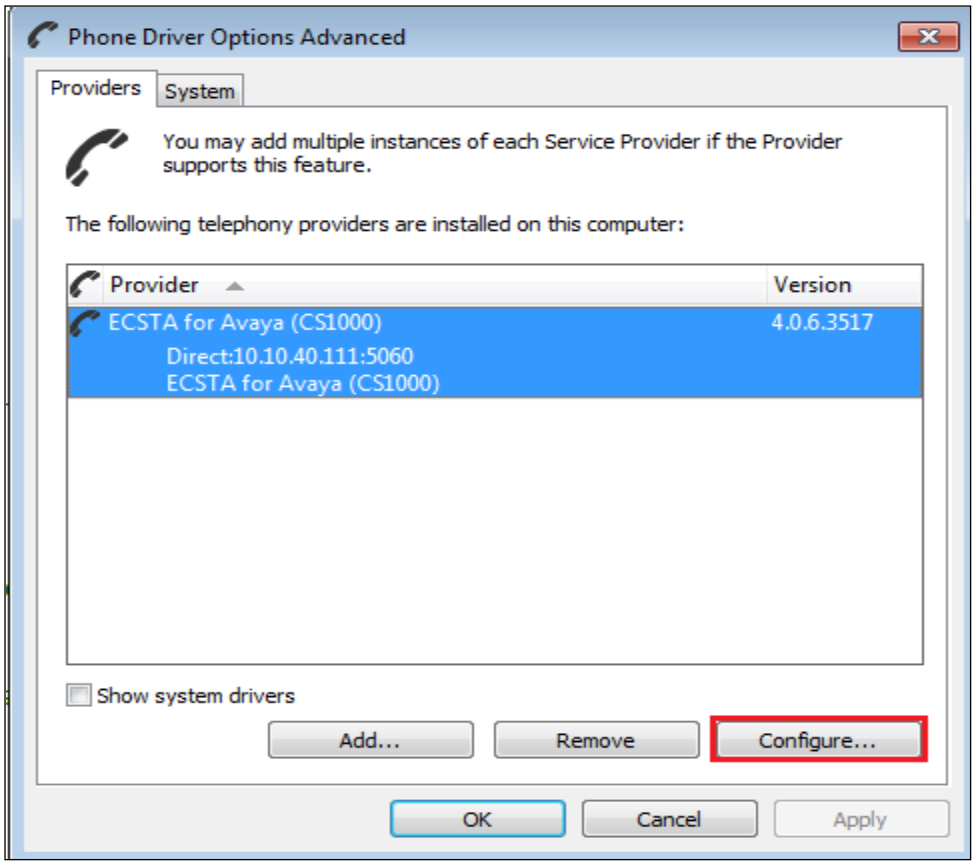
The configuration of the ESTOS ECSTA is configured using the Phone Driver Options Advanced. From the PC or server where the ECSTA is installed, open **Control Panel**.



Right click on **Phone Driver Options Advanced** and select **Open**.



The **ECSTA for Avaya (CS1000)** driver should be present from the installation of ECSTA. Select this driver and click on **Configure**.

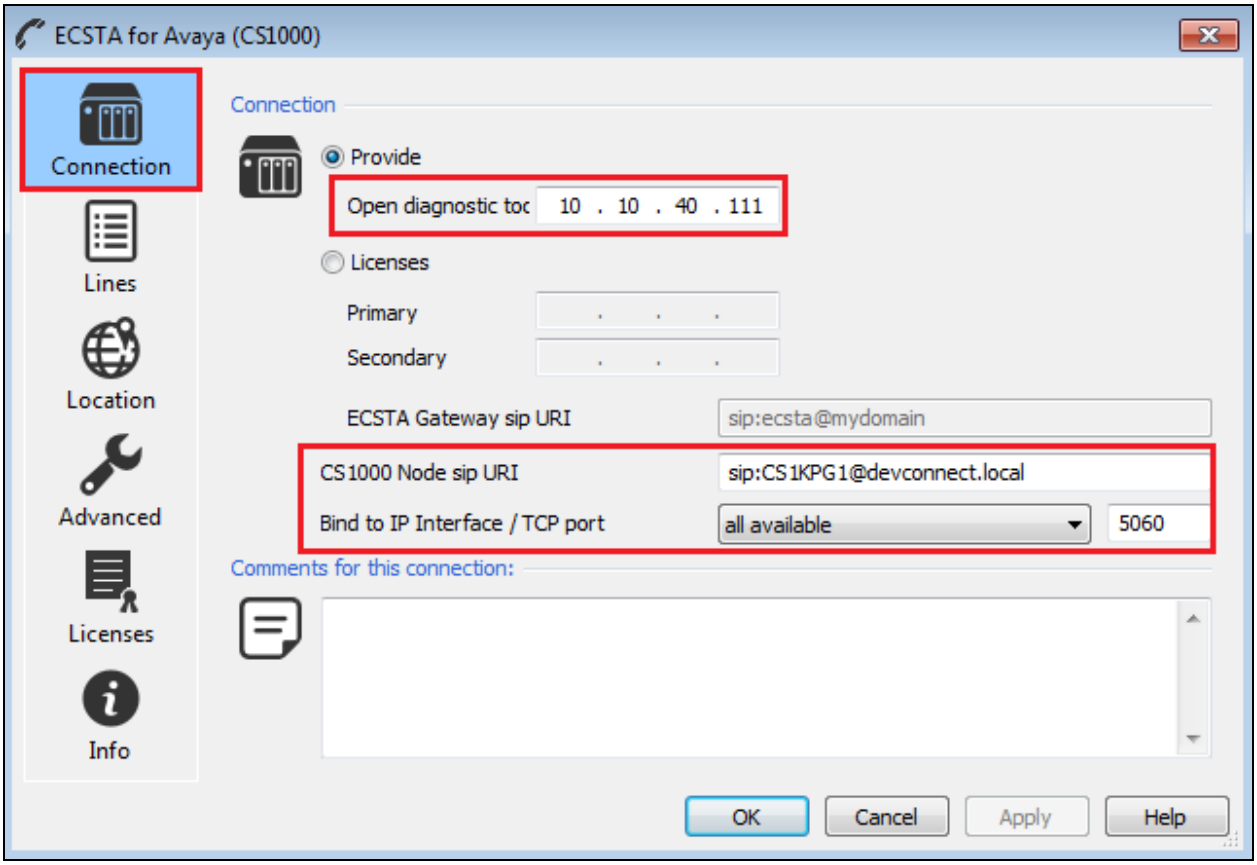


Select the Connection tab at the top left and enter the following information.

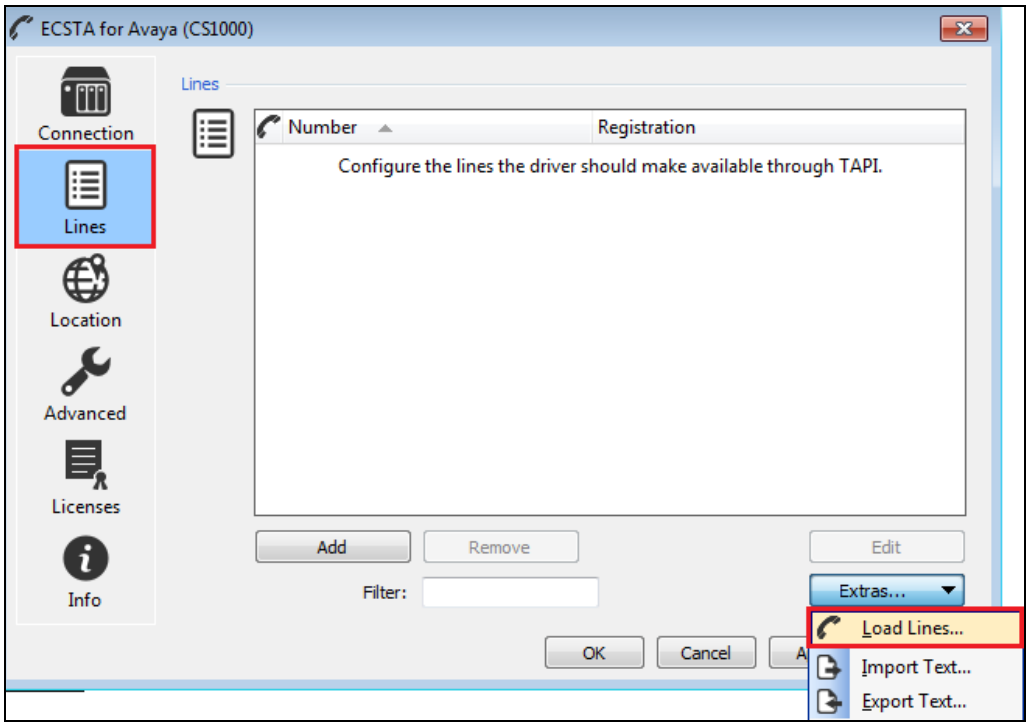
- **Provide** IP Address of the CS1000E node.
- **CS1000 Node sip URI** CS1000E Gateway Endpoint Name@SIP Domain Name (see **Section 6)**.
- **Bind to IP Interface** set this to **all available** and set the port to **5060**.

Click on **Apply**.

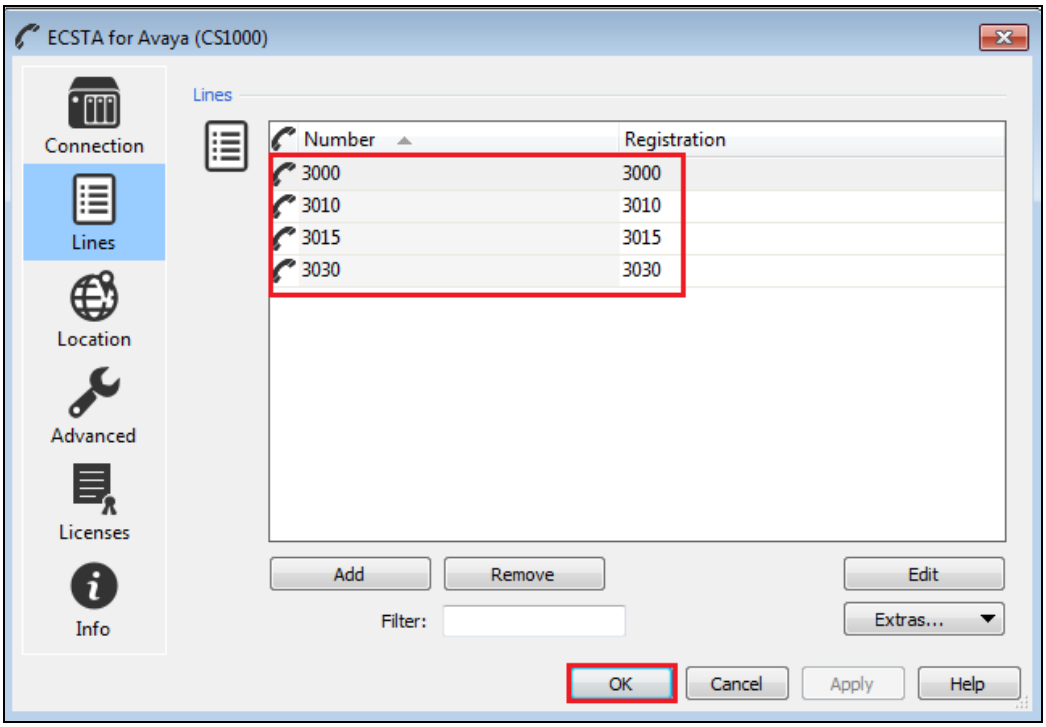
Note: The **CS1000 Node sip URI** is made up of the **Gateway Endpoint name** and **SIP domain name** found in **Section 6**.



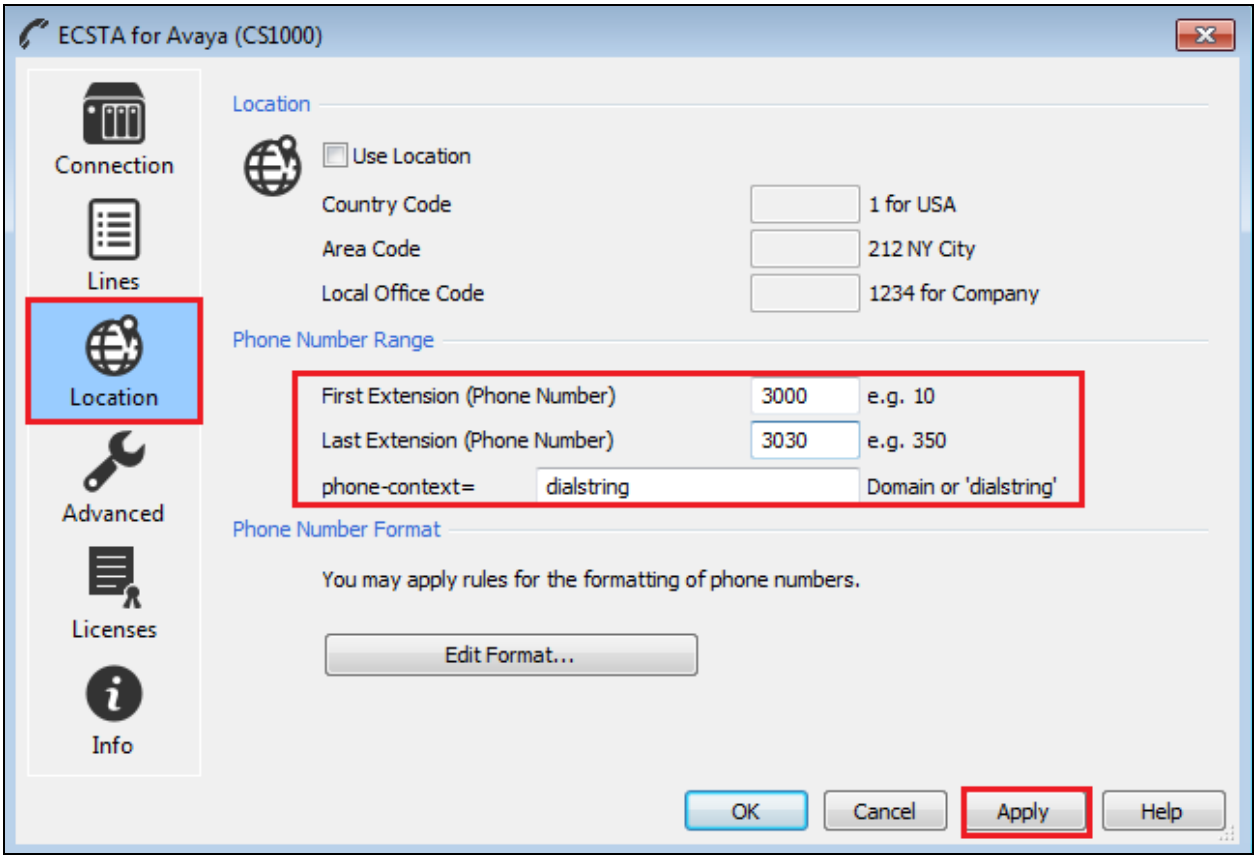
Click on the **lines** tab and select **Load Lines** from the **Extras..** dropdown box as is highlighted below.



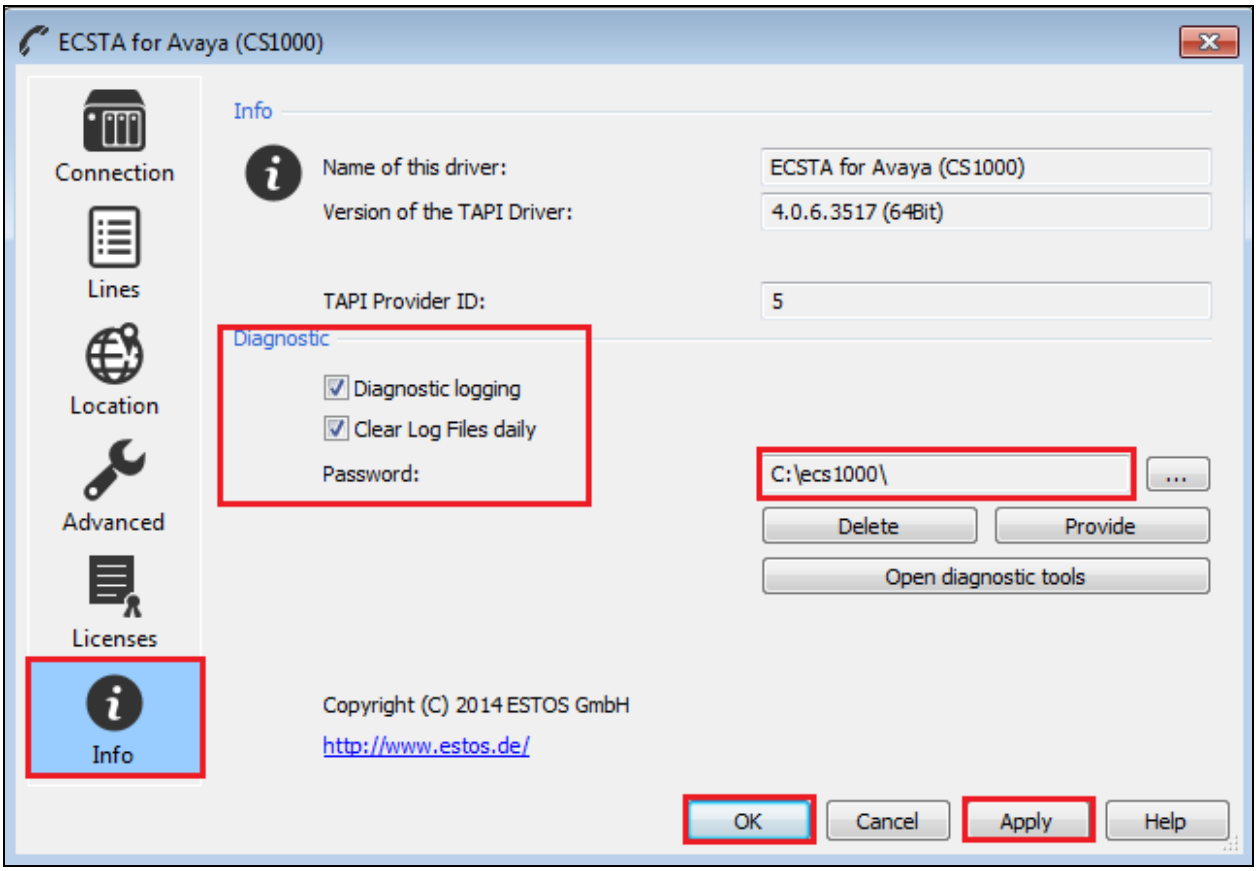
The lines configured on the CS1000E for ECSTA should now be visible as shown below.



Click on the **Location** tab. Fill in the correct extension range, in the **First Extension (Phone Number)** and **Last Extension (Phone Number)** boxes enter the first and last deskphone number to be acquired. In the **phone-context=** box enter **dialstring**. Click on **Apply**.



If logs are to be taken then click on the info tab and ensure that the two options **Diagnostic logging** and **Clear Log Files** daily are ticked. Click on **Apply** and then **OK** to save the changes.



8. Verification Steps

The following step can be taken to ensure that the connection between ESTOS ECSTA and the CS1000E is configured correctly. Verify that the CS1000E phones are acquired by ECSTA and verify that the calls can be made to and from these phones using EPhone from ESTOS.

8.1. Verify Avaya Communication Server 1000E deskphones are acquired

The following step will show the status of the CS1000E deskphones and if they are acquired by the ECSTA. Using the Terminal number (**TN**) of the deskphone acquired, use the **PRT** command in LD 20 to verify it is acquired correctly. At the **TYPE** prompt enter **TNB** and at the **TN** prompt enter the TN of the deskphone (i.e. **100 0 0 0**). Press Enter until the complete configuration of the deskphone is output. At the **AACS**, **ACQ**, **ASID**, **SFNB**, **SFRB**, **USFB**, **CALB**, and **FCTB** prompts something similar as shown in the extract below should be seen.

Note: A full printout of this deskphone can be found in **Appendix B** of these Application Notes.

LD 20

```
Prompt              Response            Description
>                   LD 20               Enter Overlay 20
REQ                 PRT                 Print Data
TYPE                TNB                 Terminal number
TN                  100 0 0 0           Terminal number
(Return)
(Return)

AST  00
IAPG 1
AACS YES
ACQ  AS: AST-DN
ASID 32
SFNB  1  2  3  5  6  7  8  9  10  11  12  13  15  16  17  18  19  20  21  22  23  24
25  32  33  34  35  36  37  38  39
SFRB  32  33  34  35  36  37  38  39
USFB  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15
CALB  0  1  2  3  4  5  6  7  8  9  10  11
FCTB
ITNA NO
```

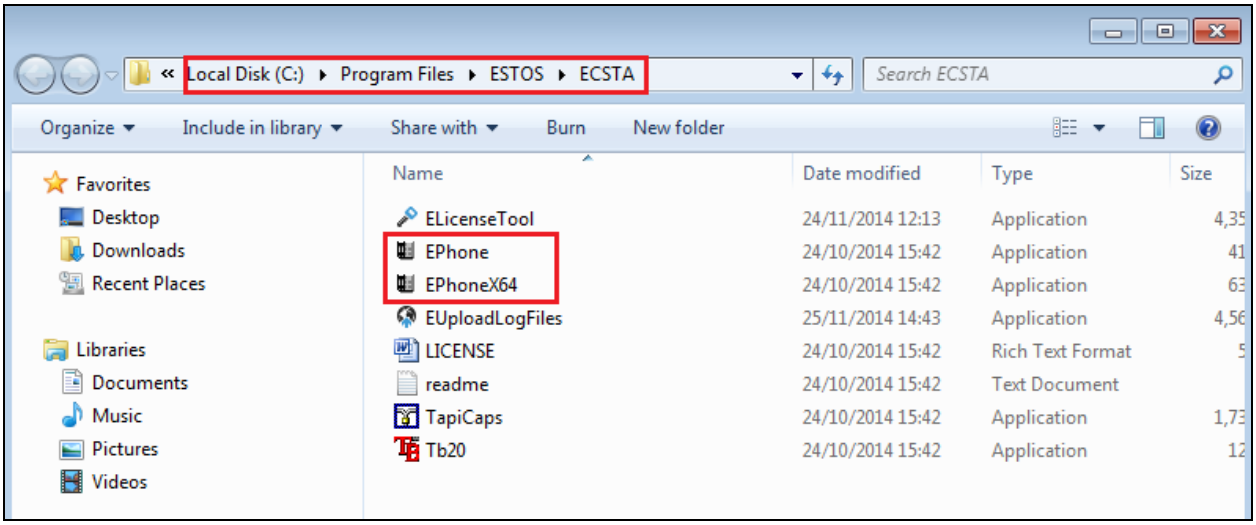
8.2. Verify ESTOS ECSTA connection to Avaya Communication Server 1000E Node

Navigate to the ESTOS log files contained in **c:\ecstaCS1000** and open **general5_0.txt** (not shown). Verify connectivity with the CS1000E Node (**10.10.40.111)** on port **5060** by the Ephone test tool controlling extension **3000** via ECSTA, as shown in the log extract below. **LineOpen** confirms successful connection.

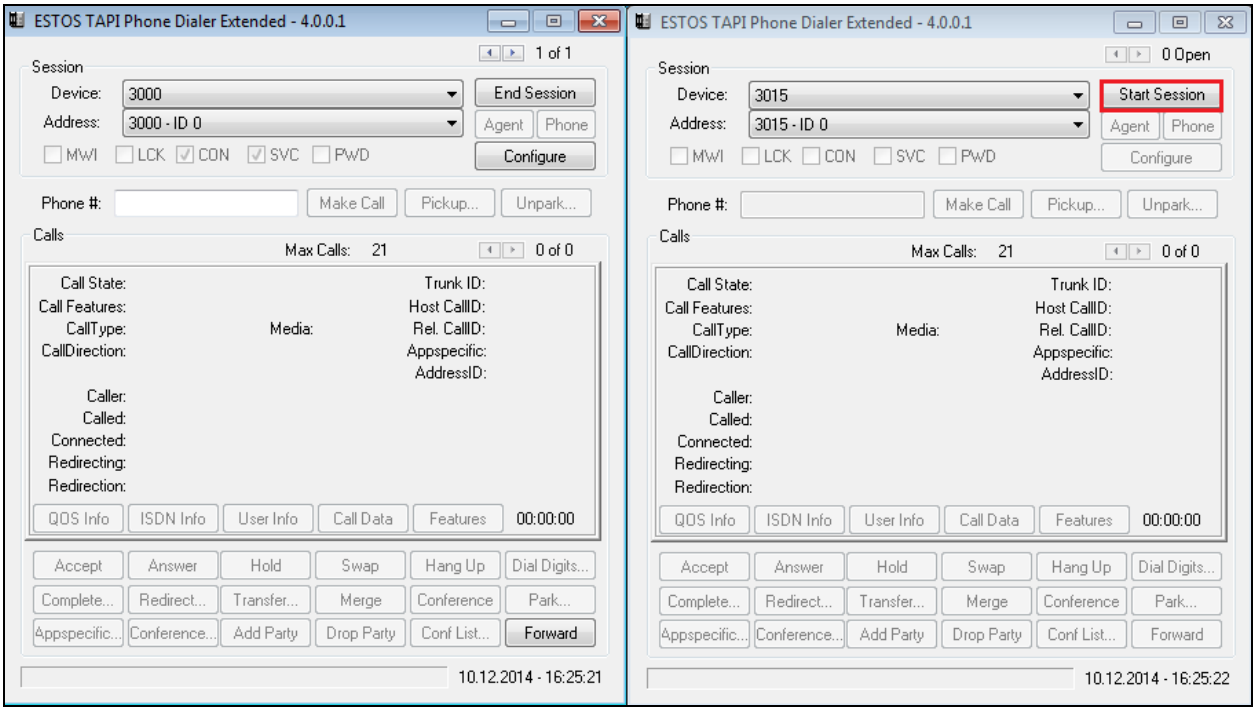
```
10.12.2014 16:24:54:597;32;3000;TSPI_lineGetAddressCaps
10.12.2014 16:24:57:920;32;3000;TSPI_lineGetAddressCaps
10.12.2014 16:25:12:381;32;3015;TSPI_lineGetAddressCaps
10.12.2014 16:25:15:688;32;3000;TSPI_lineOpen begin
10.12.2014 16:25:15:688;32;3000;TSPI_lineOpen success
10.12.2014 16:25:15:688;32;TSPI_lineSetDefaultMediaDetection;3000 MediaModes 00000004

10.12.2014 16:25:15:688;32;ETspBase::ConnectionWatchFunction;PBX Connect is required
10.12.2014 16:25:15:688;32;ETspBase::Connect;SIP: Host 10.10.40.111, Port 5060
10.12.2014 16:25:15:719;32;ETspBase::ConnectionWatchFunction;Connect result: 00000000
10.12.2014 16:25:15:829;32;3000;LineOpen 00000000
10.12.2014 16:25:15:860;32;3000;TSPI_lineGetDevConfig: 80000048
10.12.2014 16:25:52:161;32;3015;TSPI_lineOpen begin
10.12.2014 16:25:52:161;32;3015;TSPI_lineOpen success
10.12.2014 16:25:52:161;32;TSPI_lineSetDefaultMediaDetection;3015 MediaModes 00000004

10.12.2014 16:25:52:223;32;3015;LineOpen 00000000
10.12.2014 16:25:52:255;32;3015;TSPI_lineGetDevConfig: 80000048
10.12.2014 16:25:59:883;32;3000;TSPI_lineMakeCall
10.12.2014 16:25:59:883;32;ECSTACall::ECSTACall;3000 ---Call New---
10.12.2014 16:25:59:883;32;ECSTACall::SetNewConnectionID;3000 ECSTACall -
SetNewConnectionID
DeviceString: tel:3000;phone-context=dialstring - CallID: FF FF FF FF
10.12.2014 16:25:59:914;32;ECSTACall::SetNewConnectionID;3000 ECSTACall -
SetNewConnectionID
DeviceString: tel:3000;phone-context=dialstring - CallID: 32 36 33 38 30 33 34 31
10.12.2014 16:25:59:914;32;3000;LINE_CALLSTATE sent LINECALLSTATE_DIALTONE
10.12.2014 16:25:59:914;32;ETspBasePhase3XML::GetSafeLineForEventReport;CSTAEvent:
Line '3015'
10.12.2014 16:25:59:914;32;ECSTALinePhase3XML::On_deliveredEvent;3015 Enter
10.12.2014 16:25:59:914;32;ECSTACall::ECSTACall;3015 ---Call New---
10.12.2014 16:25:59:914;32;ECSTACall::SetNewConnectionID;3015 ECSTACall -
SetNewConnectionID
DeviceString: tel:3015;phone-context=dialstring - CallID: 32 36 33 38 30 33 34 31
10.12.2014 16:25:59:914;32;ECSTACallPhase3XML::On_deliveredEvent;3015 DeviceString:
tel:3015;phone-context=dialstring - CallID: 32 36 33 38 30 33 34 31  Enter
10.12.2014 16:25:59:914;4;ECSTACallPhase3XML::On_deliveredEvent;alertingDevice: 3015
callingDevice: 3000
calledDevice: 3015
lastRedirectionDevice:
```

8.3. Verify ESTOS ECSTA Ephone.exe can be used to make and receive calls

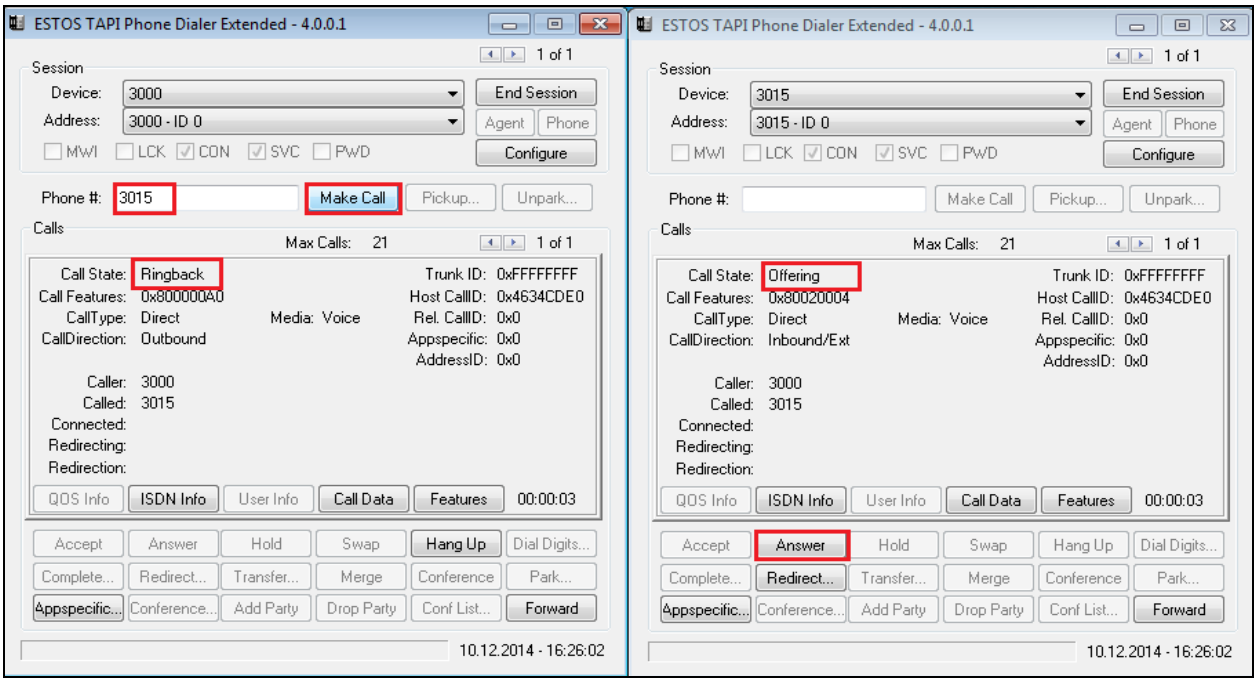
Navigate to the **ECSTA** folder which is typically found in **C:\Program Files\ESTOS\ECSTA**. From this location open either **EPhone** or **EPhoneX64** as shown below.



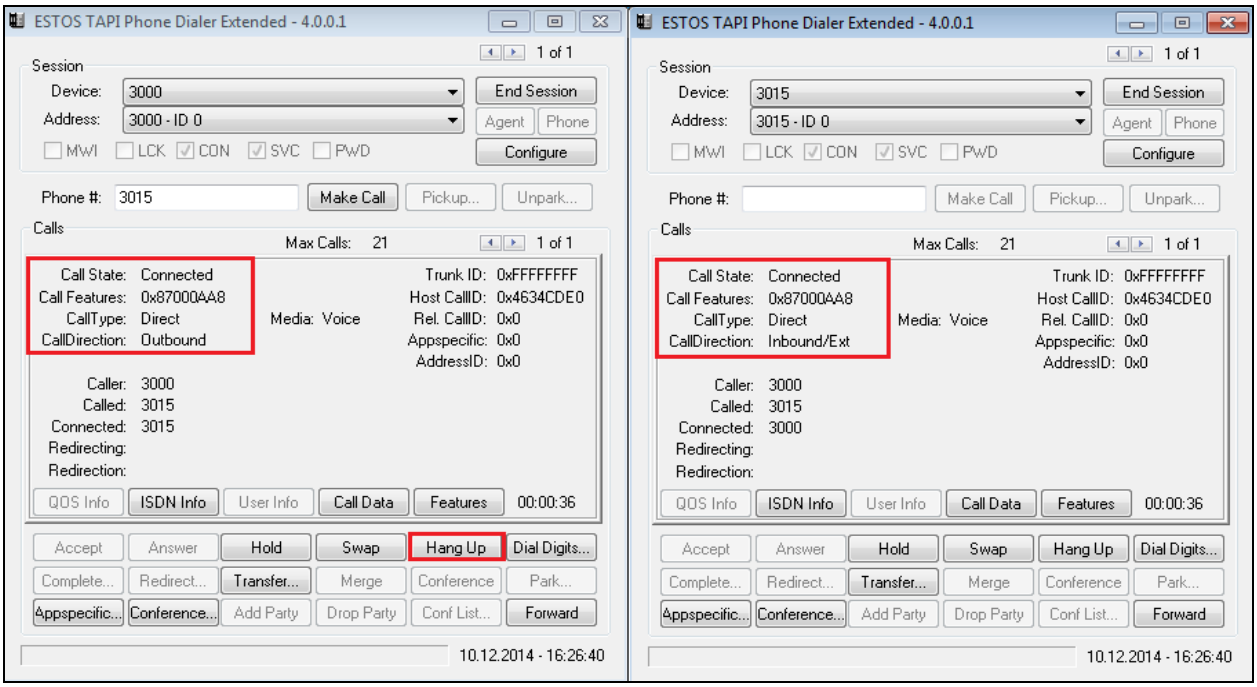
Two EPhone sessions were opened for extensions **3000** and **3015**. Click on **Start Session** on each EPhone to begin.



A call is made from ext 3000 to ext 3015 by typing **3015** into the **Phone#** box on the EPhone for 3000 and clicking on **Make Call**. When this is pressed, as is shown below, the **Call State** will show **Ringback** for ext 3000 and the **Call State** will show **Offering** on ext 3015. To answer the call, click on **Answer** on ext 3015.



Once the call is answered the Call State for both phones should show Connected. To hang up the call, click on **Hang Up** on either phone.



9. Conclusion

These Application Notes describe the configuration steps required for ESTOS ECSTA to successfully interoperate with Avaya Communication Server 1000E R7.6. Please refer to **Section 2.2** for test results and observations.

10. Additional References

This section references documentation relevant to these Application Notes. The Avaya product documentation is available at http://support.avaya.com, where the following documents can be obtained.

[1] *Software Input Reference Administration Avaya Communication Server 1000, Release 7.6;* Document No. NN43001-611_05.02

[2] *Unified Communications Management Common Services Fundamentals Avaya Communication Server 1000,* Doc # NN43001-116, 05.08

[3] *Element Manager System Reference –Administration Avaya Communication Server 1000* Doc # NN43001-632, 05.04

[4] *Application Notes for Configuring Avaya Communication Server 1000E R7.5 with ESTOS ECSTA 3.0.1*

Product documentation for ESTOS products can be found at http://www.estos.de

Appendix A

Linux Patches on Avaya Communication Server 1000E R7.6

```
Product Release: 7.65.16.00
In system patches: 0

In System service updates: 26
PATCH#  IN_SERVICE   DATE      SPECINS   REMOVABLE   NAME
2       Yes          27/08/13   NO        YES         cs1000-dmWeb-7.65.16.21-01.i386.000
3       Yes          28/08/13   NO        yes         cs1000-snmp-7.65.16.00-01.i686.000
4       Yes          28/08/13   NO        YES         cs1000-nrsm-7.65.16.00-03.i386.000
5       Yes          28/08/13   NO        YES         cs1000-oam-logging-7.65.16.01-01.i386.000
6       Yes          28/08/13   NO        yes         cs1000-cs1000WebService_6-0-7.65.16.21-00.i386.000
7       Yes          28/08/13   NO        YES         cs1000-sps-7.65.16.21-01.i386.000
8       Yes          28/08/13   NO        YES         cs1000-pd-7.65.16.21-00.i386.000
9       Yes          28/08/13   NO        YES         cs1000-shared-carrdtct-7.65.16.21-01.i386.000
10      Yes          28/08/13   NO        YES         cs1000-shared-tpselect-7.65.16.21-01.i386.000
11      Yes          28/08/13   NO        YES         cs1000-emWebLocal_6-0-7.65.16.21-01.i386.000
12      Yes          28/08/13   NO        yes         cs1000-dbcom-7.65.16.21-00.i386.000
13      Yes          28/08/13   NO        YES         cs1000-csmWeb-7.65.16.21-05.i386.000
14      Yes          28/08/13   NO        YES         cs1000-shared-xmsg-7.65.16.21-00.i386.000
15      Yes          28/08/13   NO        YES         cs1000-vtrk-7.65.16.21-29.i386.000
16      Yes          28/08/13   NO        YES         cs1000-tps-7.65.16.21-05.i386.000
17      Yes          28/08/13   NO        YES         cs1000-mscAnnc-7.65.16.21-02.i386.001
18      Yes          28/08/13   NO        YES         cs1000-mscAttn-7.65.16.21-04.i386.001
19      Yes          28/08/13   NO        YES         cs1000-mscConf-7.65.16.21-02.i386.001
20      Yes          28/08/13   NO        YES         cs1000-mscMusc-7.65.16.21-02.i386.001
21      Yes          28/08/13   NO        YES         cs1000-mscTone-7.65.16.21-03.i386.001
22      Yes          28/08/13   NO        YES         cs1000-bcc-7.65.16.21-21.i386.000
23      Yes          28/08/13   NO        YES         cs1000-Jboss-Quantum-7.65.16.21-3.i386.000
24      Yes          28/08/13   NO        YES         cs1000-emWeb_6-0-7.65.16.21-06.i386.000
25      Yes          10/12/13   NO        yes         cs1000-cs-7.65.P.100-01.i386.001
26      Yes          10/12/13   YES       yes         cs1000-linuxbase-7.65.16.21-08.i386.000
27      Yes          10/12/13   NO        YES         cs1000-patchWeb-7.65.16.21-06.i386.000
[paul@cs1kpg1 ~]$
```

Call Server Patches on Avaya Communication Server 1000E R7.6

```
VERSION 4121
RELEASE 7
ISSUE 65 P +
DepList 1: core Issue: 01 (created: 2014-06-24 04:38:41 (est))

IN-SERVICE PEPS
PAT# CR #            PATCH REF #     NAME      DATE        FILENAME       SPECINS
000  wi01052968      ISS1:1OF1       p32540_1  18/08/2014  p32540_1.cpl   NO
001  wi01045058      ISS1:1OF1       p32214_1  18/08/2014  p32214_1.cpl   NO
002  wi01085855      ISS1:1OF1       p32658_1  18/08/2014  p32658_1.cpl   NO
003  wi01053314      ISS1:1OF1       p32555_1  18/08/2014  p32555_1.cpl   NO
004  wi01060382      iss1:1of1       p32623_1  18/08/2014  p32623_1.cpl   YES
005  wi01070580      ISS1:1OF1       p32380_1  18/08/2014  p32380_1.cpl   NO
006  wi01101876      ISS1:1OF1       p32858_1  18/08/2014  p32858_1.cpl   NO
007  wi01061481      ISS1:1OF1       p32382_1  18/08/2014  p32382_1.cpl   NO
008  wi01124074      ISS1:1OF1       p32989_1  18/08/2014  p32989_1.cpl   NO
009  wi01099300      iss1:1of1       p32704_1  18/08/2014  p32704_1.cpl   NO
010  wi01035976      ISS1:1OF1       p32173_1  18/08/2014  p32173_1.cpl   NO
011  wi01065922      ISS1:1OF1       p32516_1  18/08/2014  p32516_1.cpl   NO
012  WI01121737      ISS1:1OF1       p32939_1  21/08/2014  p32939_1.cpl   NO
013  wi01041453      ISS1:1OF1       p32587_1  18/08/2014  p32587_1.cpl   NO
014  wi01096842      ISS1:1OF1       p32731_1  18/08/2014  p32731_1.cpl   NO
015  WI0110261       ISS1:1OF1       p32758_1  18/08/2014  p32758_1.cpl   NO
016  wi01064599      iss1:1of1       p32580_1  18/08/2014  p32580_1.cpl   NO
017  wi01098783      ISS1:1OF1       p32748_1  18/08/2014  p32748_1.cpl   NO
018  wi01072027      ISS1:1OF1       p32689_1  18/08/2014  p32689_1.cpl   NO
019  wi01059388      iss1:1of1       p32628_1  18/08/2014  p32628_1.cpl   NO
020  wi01104410      ISS1:1OF1       p32801_1  18/08/2014  p32801_1.cpl   NO
021  wi00933195      ISS1:1OF1       p32491_1  18/08/2014  p32491_1.cpl   NO
022  wi01150771      ISS1:1OF1       p33210_1  21/08/2014  p33210_1.cpl   NO
023  wi01065118      ISS1:1OF1       p32397_1  18/08/2014  p32397_1.cpl   NO
024  wi01063864      ISS1:1OF1       p32410_1  18/08/2014  p32410_1.cpl   YES
025  wi01096712      ISS1:1OF1       p32708_1  18/08/2014  p32708_1.cpl   NO
026  wi01075359      ISS1:1OF1       p32671_1  18/08/2014  p32671_1.cpl   NO
027  wi01080753      ISS1:1OF1       p32518_1  18/08/2014  p32518_1.cpl   NO
028  wi01070473      ISS1:1OF1       p32413_1  18/08/2014  p32413_1.cpl   NO
029  wi01075355      ISS1:1OF1       p32594_1  18/08/2014  p32594_1.cpl   NO
030  wi01071379      ISS1:1OF1       p32522_1  18/08/2014  p32522_1.cpl   NO
031  wi01070756      ISS1:1OF1       p32444_1  18/08/2014  p32444_1.cpl   NO
032  wi01075353      ISS1:1OF1       p32613_1  18/08/2014  p32613_1.cpl   NO
033  wi01062607      ISS1:1OF1       p32503_1  18/08/2014  p32503_1.cpl   NO
034  wi01068851      ISS1:1OF1       p32439_1  18/08/2014  p32439_1.cpl   NO
035  wi01144354      ISS1:1OF1       p33117_1  21/08/2014  p33117_1.cpl   NO
036  wi01092300      ISS1:1OF1       p32692_1  18/08/2014  p32692_1.cpl   NO
037  wi01063263      ISS1:1OF1       p32573_1  18/08/2014  p32573_1.cpl   NO
038  wi01087528      ISS1:1OF1       p32700_1  18/08/2014  p32700_1.cpl   NO
039  wi01150846      ISS1:1OF1       p33157_1  21/08/2014  p33157_1.cpl   NO
040  wi01039280      ISS1:1OF1       p32423_1  18/08/2014  p32423_1.cpl   NO
041  wi01068669      ISS1:1OF1       p32333_1  18/08/2014  p32333_1.cpl   NO
042  wi01069441      ISS1:1OF1       p32097_1  18/08/2014  p32097_1.cpl   NO
043  wi01058621      ISS1:1OF1       p32339_1  18/08/2014  p32339_1.cpl   NO
044  wi01146804      ISS1:1OF1       p33132_1  21/08/2014  p33132_1.cpl   NO
045  wi01070465      iss1:1of1       p32562_1  18/08/2014  p32562_1.cpl   NO
046  wi01053920      ISS1:1OF1       p32303_1  18/08/2014  p32303_1.cpl   NO
047  wi00897254      ISS1:1OF1       p31127_1  18/08/2014  p31127_1.cpl   NO
048  wi01057403      ISS1:1OF1       p32591_1  18/08/2014  p32591_1.cpl   NO
049  wi01066991      ISS1:1OF1       p32449_1  18/08/2014  p32449_1.cpl   NO
050  wi01094305      ISS1:1OF1       p32640_1  18/08/2014  p32640_1.cpl   NO
```

```
051  wi01060611      ISS1:1OF1       p32809_1  18/08/2014  p32809_1.cpl   NO
052  wi01137694      ISS1:1OF1       p33081_1  21/08/2014  p33081_1.cpl   NO
053  wi01060241      ISS1:1OF1       p32381_1  18/08/2014  p32381_1.cpl   NO
054  wi01034307      ISS1:1OF1       p32615_1  18/08/2014  p32615_1.cpl   NO
055  wi01052428      ISS1:1OF1       p32606_1  18/08/2014  p32606_1.cpl   NO
056  wi00884716      ISS1:1OF1       p32517_1  18/08/2014  p32517_1.cpl   NO
057  wi01070468      iss1:1of1       p32418_1  18/08/2014  p32418_1.cpl   NO
058  wi01091447      ISS1:1OF1       p32675_1  18/08/2014  p32675_1.cpl   NO
059  wi01156999      ISS1:1OF1       p33180_1  21/08/2014  p33180_1.cpl   NO
060  wi01132599      ISS1:1OF1       p33025_1  18/08/2014  p33025_1.cpl   NO
061  wi01065125      ISS1:1OF1       p32416_1  18/08/2014  p32416_1.cpl   NO
062  wi01056633      ISS1:1OF1       p32322_1  18/08/2014  p32322_1.cpl   NO
063  wi01078721      ISS1:1OF1       p32553_1  18/08/2014  p32553_1.cpl   NO
064  wi01053597      ISS1:1OF1       p32304_1  18/08/2014  p32304_1.cpl   NO
065  wi01132883      ISS1:1OF1       p33030_1  18/08/2014  p33030_1.cpl   NO
066  wi01025156      ISS1:1OF1       p32136_1  18/08/2014  p32136_1.cpl   NO
067  wi01088775      ISS1:1OF1       p32659_1  18/08/2014  p32659_1.cpl   NO
068  wi01114038      ISS1:1OF1       p32869_1  18/08/2014  p32869_1.cpl   NO
069  wi01075360      iss1:1of1       p32602_1  18/08/2014  p32602_1.cpl   NO
070  wi01053195      ISS1:1OF1       p32297_1  18/08/2014  p32297_1.cpl   NO
071  wi01043367      ISS1:1OF1       p32232_1  18/08/2014  p32232_1.cpl   NO
072  wi01082456      ISS1:1OF1       p32596_1  18/08/2014  p32596_1.cpl   NO
073  wi01089519      ISS1:1OF1       p32665_1  18/08/2014  p32665_1.cpl   NO
074  wi01105888      ISS1:1OF1       p32794_1  18/08/2014  p32794_1.cpl   NO
075  wi01132215      ISS1:1OF1       p33084_1  21/08/2014  p33084_1.cpl   NO
076  wi01035980      ISS1:1OF1       p32558_1  18/08/2014  p32558_1.cpl   NO
077  wi01087543      ISS1:1OF1       p32662_1  18/08/2014  p32662_1.cpl   NO
078  wi01060826      ISS1:1OF1       p32379_1  18/08/2014  p32379_1.cpl   NO
079  wi01167427      ISS1:1OF1       p33264_1  21/08/2014  p33264_1.cpl   NO
080  wi01034961      ISS1:1OF1       p32144_1  18/08/2014  p32144_1.cpl   NO
081  wi01142525      ISS1:1OF1       p33096_1  21/08/2014  p33096_1.cpl   NO
082  WI01077073      ISS1:1OF1       p32534_1  18/08/2014  p32534_1.cpl   NO
083  wi01133985      ISS1:1OF1       p33049_1  18/08/2014  p33049_1.cpl   NO
084  wi01138714      ISS2:1OF1       p33065_2  21/08/2014  p33065_2.cpl   NO
085  wi01130836      ISS1:1OF1       p33008_1  18/08/2014  p33008_1.cpl   YES
086  wi01118928      ISS1:1OF1       p32922_1  18/08/2014  p32922_1.cpl   NO
087  wi01070585      ISS1:1OF1       p32383_1  18/08/2014  p32383_1.cpl   NO
088  wi01071296      ISS1:1OF1       p32836_1  18/08/2014  p32836_1.cpl   NO
089  wi01089355      ISS1:1OF1       p32674_1  18/08/2014  p32674_1.cpl   YES
090  wi01119312      ISS1:1OF1       p32919_1  18/08/2014  p32919_1.cpl   NO
091  wi01134952      ISS1:1OF1       p33039_1  18/08/2014  p33039_1.cpl   NO
092  wi01124477      ISS1:1OF1       p32963_1  18/08/2014  p32963_1.cpl   NO
093  wi01156086      ISS1:1OF1       p33269_1  21/08/2014  p33269_1.cpl   NO
094  wi01115894      ISS1:1OF1       p32910_1  18/08/2014  p32910_1.cpl   NO
095  wi01101385      ISS1:1OF1       p32773_1  18/08/2014  p32773_1.cpl   YES
096  wi01115450      ISS1:1OF1       p32888_1  18/08/2014  p32888_1.cpl   NO
097  wi01075538      ISS1:1OF1       p32469_1  18/08/2014  p32469_1.cpl   NO
098  wi01159931      ISS1:1OF1       p33231_1  21/08/2014  p33231_1.cpl   YES
099  wi01126552      ISS1:1OF1       p32975_1  18/08/2014  p32975_1.cpl   NO
100  wi01144066      ISS1:1OF1       p33114_1  21/08/2014  p33114_1.cpl   NO
101  wi01129028      ISS1:1OF1       p33016_1  18/08/2014  p33016_1.cpl   NO
102  wi01099724      ISS1:1OF1       p32742_1  18/08/2014  p32742_1.cpl   YES
103  wi01129098      ISS1:1OF1       p32951_1  18/08/2014  p32951_1.cpl   NO
104  wi01146254      ISS1:1OF1       p33127_1  21/08/2014  p33127_1.cpl   NO
105  WI01108562      ISS1:1OF1       p32832_1  18/08/2014  p32832_1.cpl   NO
106  wi01094727      ISS1:1OF1       p32848_1  18/08/2014  p32848_1.cpl   NO
107  wi01096967      ISS1:1OF1       p32735_1  18/08/2014  p32735_1.cpl   NO
108  wi01022598      ISS1:1OF1       p32066_1  18/08/2014  p32066_1.cpl   NO
109  wi01126454      ISS1:1OF1       p32973_1  18/08/2014  p32973_1.cpl   NO
110  wi01051200      ISS1:1OF1       p32290_1  18/08/2014  p32290_1.cpl   NO
111  wi01127640      ISS1:1OF1       p32992_1  18/08/2014  p32992_1.cpl   NO
112  wi01128512      ISS1:1OF1       p32997_1  18/08/2014  p32997_1.cpl   NO
```

113	wi01122174	ISS1:1OF1	p32936_1	18/08/2014	p32936_1.cpl	NO
114	wi01097598	ISS1:1OF1	p32797_1	18/08/2014	p32797_1.cpl	NO
115	wi01095462	ISS1:1OF1	p32723_1	18/08/2014	p32723_1.cpl	NO
116	wi01108828	ISS1:1OF1	p32831_1	18/08/2014	p32831_1.cpl	NO
117	wi01104473	ISS1:1OF1	p32818_1	18/08/2014	p32818_1.cpl	NO
118	wi01079444	ISS1:1OF1	p32564_1	18/08/2014	p32564_1.cpl	NO
119	wi01109251	ISS1:1OF1	p32827_1	18/08/2014	p32827_1.cpl	NO
120	wi01092443	ISS1:1OF1	p32676_1	18/08/2014	p32676_1.cpl	NO
121	wi01099292	ISS1:1OF1	p32886_1	18/08/2014	p32886_1.cpl	NO
122	wi01104867	ISS1:1OF1	p32828_1	18/08/2014	p32828_1.cpl	NO
123	wi01080963	ISS1:1OF1	p32626_1	18/08/2014	p32626_1.cpl	YES
124	wi01065115	ISS1:1OF1	p32523_1	18/08/2014	p32523_1.cpl	NO
125	wi01081510	ISS1:1OF1	p32582_1	18/08/2014	p32582_1.cpl	NO
126	wi01110593	ISS1:1OF1	p32849_1	18/08/2014	p32849_1.cpl	NO
127	wi01099606	iss1:1of1	p32713_1	18/08/2014	p32713_1.cpl	NO
128	wi01123389	ISS1:1OF1	p33045_1	18/08/2014	p33045_1.cpl	NO
129	wi01072062	ISS1:1OF1	p32776_1	18/08/2014	p32776_1.cpl	NO
130	wi01136194	ISS:1OF1	p33051_1	21/08/2014	p33051_1.cpl	NO
131	wi01045144	ISS1:1OF1	p33202_1	21/08/2014	p33202_1.cpl	NO
132	wi01128596	ISS1:1OF1	p33000_1	18/08/2014	p33000_1.cpl	NO
133	wi01090535	ISS1:1OF1	p32519_1	18/08/2014	p32519_1.cpl	NO
134	wi01127447	ISS1:1OF1	p32990_1	18/08/2014	p32990_1.cpl	NO
135	wi01132244	ISS1:1OF1	p33041_1	18/08/2014	p33041_1.cpl	NO
136	wi01097786	ISS1:1OF1	p33086_1	21/08/2014	p33086_1.cpl	NO
137	wi01093118	ISS1:1OF1	p32496_1	18/08/2014	p32496_1.cpl	NO
138	wi01108262	ISS1:1OF1	p32865_1	18/08/2014	p32865_1.cpl	YES
139	wi01098433	ISS1:1OF1	p32736_1	18/08/2014	p32736_1.cpl	NO
140	wi01115807	ISS1:1OF1	p32895_1	18/08/2014	p32895_1.cpl	YES
141	wi01159009	ISS1:1OF1	p33098_1	21/08/2014	p33098_1.cpl	YES
142	wi01136429	ISS1:1OF1	p33037_1	21/08/2014	p33037_1.cpl	NO
143	wi01119086	ISS1:1OF1	p32917_1	18/08/2014	p32917_1.cpl	NO
144	wi01132204	ISS1:1OF1	p32501_1	18/08/2014	p32501_1.cpl	NO
145	wi01058378	ISS1:1OF1	p32344_1	18/08/2014	p32344_1.cpl	NO
146	wi01088797	ISS1:1OF1	p32844_1	18/08/2014	p32844_1.cpl	NO
147	wi00937672	ISS1:1OF1	p31276_1	18/08/2014	p31276_1.cpl	NO
148	wi01098905	ISS1:1OF1	p32556_1	18/08/2014	p32556_1.cpl	NO
149	wi01120705	ISS1:1OF1	p32930_1	18/08/2014	p32930_1.cpl	NO
150	wi01120406	ISS1:1OF1	p32956_1	18/08/2014	p32956_1.cpl	NO
151	wi01083896	ISS1:1OF1	p32937_1	18/08/2014	p32937_1.cpl	NO
152	wi01130815	ISS1:1OF1	p33017_1	18/08/2014	p33017_1.cpl	NO
153	wi01113374	ISS1:1OF1	p32874_1	18/08/2014	p32874_1.cpl	NO
154	wi01145002	ISS1:1OF1	p33186_1	21/08/2014	p33186_1.cpl	NO
155	wi01104627	ISS1:1OF1	p32819_1	18/08/2014	p32819_1.cpl	NO
156	wi01137003	ISS1:1OF1	p33053_1	18/08/2014	p33053_1.cpl	NO
157	wi01093071	ISS1:1OF1	p32701_1	18/08/2014	p32701_1.cpl	NO
158	wi01068751	ISS1:1OF1	p32445_1	18/08/2014	p32445_1.cpl	NO
159	wi01134602	ISS1:1OF1	p32398_1	18/08/2014	p32398_1.cpl	NO
160	wi01102093	ISS1:1OF1	p32760_1	18/08/2014	p32760_1.cpl	NO
161	wi01101969	ISS1:1OF1	p32726_1	18/08/2014	p32726_1.cpl	NO
162	wi01133106	ISS1:1OF1	p33032_1	18/08/2014	p33032_1.cpl	NO
163	wi01070279	ISS1:1OF1	p32262_1	18/08/2014	p32262_1.cpl	NO
164	wi01107601	ISS1:1OF1	p32970_1	18/08/2014	p32970_1.cpl	NO
165	wi01088915	ISS1:1OF1	p32638_1	18/08/2014	p32638_1.cpl	NO
166	wi01130348	ISS1:1OF1	p33014_1	18/08/2014	p33014_1.cpl	NO
167	wi01077639	ISS1:1OF1	p32883_1	18/08/2014	p32883_1.cpl	NO
168	wi01125238	ISS1:1OF1	p32971_1	18/08/2014	p32971_1.cpl	NO
169	wi01000087	ISS1:1OF1	p32014_1	18/08/2014	p32014_1.cpl	NO
170	wi01119100	ISS1:1OF1	p32925_1	18/08/2014	p32925_1.cpl	NO
171	wi01132902	ISS1:1OF1	p33028_1	18/08/2014	p33028_1.cpl	NO
172	wi01053950	ISS1:1OF1	p32654_1	18/08/2014	p32654_1.cpl	YES
173	wi01082824	ISS1:1OF1	p32467_1	18/08/2014	p32467_1.cpl	NO
174	wi01109345	ISS1:1OF1	p32830_1	18/08/2014	p32830_1.cpl	NO

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175  wi01073725      ISS1:1OF1       p32552_1  18/08/2014  p32552_1.cpl   NO
176  wi01149017      ISS1:1OF1       p33145_1  21/08/2014  p33145_1.cpl   NO
177  wi01099810      ISS1:1OF1       p32796_1  18/08/2014  p32796_1.cpl   NO
178  wi01134354      ISS1:1OF1       p33031_1  18/08/2014  p33031_1.cpl   NO
179  wi01127527      ISS1:1OF1       p32988_1  18/08/2014  p32988_1.cpl   YES
180  wi01095255      ISS1:1OF1       p33027_1  18/08/2014  p33027_1.cpl   NO
181  wi01121374      ISS1:1OF1       p31107_1  18/08/2014  p31107_1.cpl   NO
182  wi01102475      ISS1:1OF1       p32782_1  18/08/2014  p32782_1.cpl   YES
183  wi01120458      ISS1:1OF1       p32929_1  18/08/2014  p32929_1.cpl   NO
184  wi01118320      ISS1:1OF1       p32753_1  18/08/2014  p32753_1.cpl   NO
185  wi01133960      ISS1:1OF1       p33034_1  18/08/2014  p33034_1.cpl   NO
186  wi01075540      ISS1:1OF1       p32492_1  18/08/2014  p32492_1.cpl   NO
187  wi01112655      ISS1:1OF1       p32870_1  18/08/2014  p32870_1.cpl   NO
188  wi01106658      ISS1:1OF1       p32812_1  18/08/2014  p32812_1.cpl   NO
189  wi01021522      ISS1:1OF1       p32863_1  18/08/2014  p32863_1.cpl   NO
190  wi01089807      ISS1:1OF1       p32957_1  18/08/2014  p32957_1.cpl   NO
191  wi01083036      ISS1:1OF1       p32571_1  18/08/2014  p32571_1.cpl   NO
192  wi01102091      ISS1:1OF1       p32744_1  18/08/2014  p32744_1.cpl   YES
193  wi01149384      ISS1:1OF1       p33147_1  21/08/2014  p33147_1.cpl   NO
194  wi01119863      ISS1:1OF1       p32923_1  18/08/2014  p32923_1.cpl   NO
195  wi01071996      ISS1:1OF1       p32461_1  18/08/2014  p32461_1.cpl   NO
196  wi01094832      iss1:1of1       p32718_1  18/08/2014  p32718_1.cpl   NO
197  wi01115369      ISS1:1OF1       p32889_1  18/08/2014  p32889_1.cpl   NO
198  wi01137737      ISS1:1OF1       p33055_1  18/08/2014  p33055_1.cpl   NO
199  wi01163826      ISS1:1OF1       p33229_1  21/08/2014  p33229_1.cpl   NO
200  wi01065248      ISS1:1OF1       p32412_1  18/08/2014  p32412_1.cpl   NO
201  wi01132222      ISS1:1OF1       p33023_1  18/08/2014  p33023_1.cpl   NO
202  wi01127874      ISS1:1OF1       p25747_1  18/08/2014  p25747_1.cpl   NO
203  wi01118819      ISS1:1OF1       p32954_1  18/08/2014  p32954_1.cpl   NO
204  wi01096907      ISS1:1OF1       p32733_1  18/08/2014  p32733_1.cpl   NO
205  wi01111194      ISS1:1OF1       p32821_1  18/08/2014  p32821_1.cpl   NO
206  wi01113712      ISS1:1OF1       p32877_1  18/08/2014  p32877_1.cpl   NO
207  wi01100508      ISS1:1OF1       p32761_1  18/08/2014  p32761_1.cpl   NO
208  wi01096910      ISS1:1OF1       p32734_1  18/08/2014  p32734_1.cpl   NO
209  wi01071659      ISS1:1OF1       p32589_1  18/08/2014  p32589_1.cpl   NO
210  wi01075149      ISS1:1OF1       p32475_1  18/08/2014  p32475_1.cpl   NO
211  wi01144609      ISS1:1OF1       p33119_1  21/08/2014  p33119_1.cpl   NO
212  wi01068922      ISS1:1OF1       p32454_1  18/08/2014  p32454_1.cpl   NO
213  wi01166065      ISS1:1OF1       p33241_1  21/08/2014  p33241_1.cpl   NO
214  wi01102296      ISS1:1OF1       p32780_1  18/08/2014  p32780_1.cpl   NO
215  wi01076948      ISS1:1OF1       p32526_1  18/08/2014  p32526_1.cpl   YES
216  wi01088055      ISS1:1OF1       p32607_1  18/08/2014  p32607_1.cpl   NO
217  wi01114695      ISS1:1OF1       p32885_1  18/08/2014  p32885_1.cpl   NO
218  wi01146766      ISS1:1OF1       p33131_1  21/08/2014  p33131_1.cpl   NO
219  wi01150596      ISS1:1OF1       p33154_1  21/08/2014  p33154_1.cpl   NO
220  wi01139981      ISS1:1OF1       p33083_1  21/08/2014  p33083_1.cpl   NO
221  wi01163362      ISS1:1OF1       p33224_1  21/08/2014  p33224_1.cpl   YES
222  wi01134211      ISS1:1OF1       p33077_1  21/08/2014  p33077_1.cpl   NO
223  wi01153104      ISS1:1OF1       p33174_1  21/08/2014  p33174_1.cpl   NO
224  wi01153896      ISS1:1OF1       p33185_1  21/08/2014  p33185_1.cpl   NO
225  wi01150083      ISS1:1OF1       p33152_1  21/08/2014  p33152_1.cpl   NO
226  wi01151870      ISS1:1OF1       p33162_1  21/08/2014  p33162_1.cpl   YES
227  wi01096718      ISS1:1OF1       p33138_1  21/08/2014  p33138_1.cpl   YES
228  wi01136640      ISS1:1OF1       p33052_1  21/08/2014  p33052_1.cpl   NO
229  wi01164281      ISS1:1OF1       p33232_1  21/08/2014  p33232_1.cpl   NO
230  wi01165461      ISS1:1OF1       p33237_1  21/08/2014  p33237_1.cpl   NO
231  wi01171467      ISS1:1OF1       p33270_1  21/08/2014  p33270_1.cpl   NO
232  wi01142100      ISS1:1OF1       p33090_1  21/08/2014  p33090_1.cpl   NO
233  wi01170424      ISS1:1OF1       p33260_1  21/08/2014  p33260_1.cpl   NO
234  wi01142792      ISS1:1OF1       p33099_1  21/08/2014  p33099_1.cpl   NO
235  wi01155909      ISS1:1OF1       p33192_1  21/08/2014  p33192_1.cpl   NO
236  wi01119736      ISS1:1OF1       p33094_1  21/08/2014  p33094_1.cpl   NO
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237  wi01160967      ISS1:1OF1       p33213_1  21/08/2014  p33213_1.cpl   NO
238  wi01165870      ISS1:1OF1       p33238_1  21/08/2014  p33238_1.cpl   NO
239  WI11032038      ISS1:1OF1       p33022_1  21/08/2014  p33022_1.cpl   NO
240  wi01138136      ISS1:1OF1       p33191_1  21/08/2014  p33191_1.cpl   NO
241  wi01163521      ISS1:1OF1       p33226_1  21/08/2014  p33226_1.cpl   NO
242  wi01152195      ISS1:1OF1       p33163_1  21/08/2014  p33163_1.cpl   YES
243  wi01068011      ISS1:1OF1       p33182_1  21/08/2014  p33182_1.cpl   NO
244  wi01147091      ISS1:1OF1       p33137_1  21/08/2014  p33137_1.cpl   NO
245  wi01151898      ISS1:1OF1       p33175_1  21/08/2014  p33175_1.cpl   NO
246  wi01147983      ISS1:1OF1       p33141_1  21/08/2014  p33141_1.cpl   NO
247  wi01163048      ISS1:1OF1       p33223_1  21/08/2014  p33223_1.cpl   YES
248  wi01165881      ISS1:1OF1       p33239_1  21/08/2014  p33239_1.cpl   NO
249  wi01134799      ISS1:1OF1       p33069_1  21/08/2014  p33069_1.cpl   NO
250  wi01146543      ISS1:1OF1       p33097_1  21/08/2014  p33097_1.cpl   NO
251  wi01150802      ISS1:1OF1       p33156_1  21/08/2014  p33156_1.cpl   NO
252  wi01154253      ISS1:1OF1       p33206_1  21/08/2014  p33206_1.cpl   NO
253  wi01143987      ISS1:1OF1       p33134_1  21/08/2014  p33134_1.cpl   NO
254  WI01154952      ISS1:1OF1       p33184_1  21/08/2014  p33184_1.cpl   NO
255  wi01157590      ISS1:1OF1       p33252_1  21/08/2014  p33252_1.cpl   NO
256  wi01146289      ISS1:1OF1       p33146_1  21/08/2014  p33146_1.cpl   NO
257  wi01153039      ISS1:1OF1       p17588_1  21/08/2014  p17588_1.cpl   NO
258  wi01153844      ISS1:1OF1       p33172_1  21/08/2014  p33172_1.cpl   NO
259  wi01135146      ISS1:1OF1       p33033_1  21/08/2014  p33033_1.cpl   NO
260  wi01146705      ISS1:1OF1       p33129_1  21/08/2014  p33129_1.cpl   NO
261  wi01154485      ISS1:1OF1       p33194_1  21/08/2014  p33194_1.cpl   NO
MDP>LAST SUCCESSFUL MDP REFRESH :2014-08-21 08:43:42(Local Time)
MDP>USING DEPLIST ZIP FILE DOWNLOADED :2014-08-20 11:48:22(est)
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Appendix B

Avaya Communication Server 1000E Extension 3000

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REQ: prt
TYPE: tn
TYPE TNB
TN   100 0 0 0
SPWD
DATE
PAGE
DES

DES  1120
TN   100 0 00 00  VIRTUAL
TYPE 1120
CDEN 8D
CTYP XDLC
CUST 0
NUID
NHTN
CFG_ZONE 00002
CUR_ZONE 00002
MRT
ERL  0
ECL  0
FDN
TGAR 0
LDN  NO
NCOS 0
SGRP 0
RNPG 5
SCI  0
SSU
LNRS 16
XLST
SCPW
SFLT NO
CAC_CIS 3
CAC_MFC 0
CLS  UNR FBD WTA LPR PUA MTD FND HTD TDD HFA CRPD
     MWD LMPN RMMD SMWD AAD IMD XHD IRD NID OLD VCE DRG1
     POD SLKD CCSD SWD LNA CNDA
     CFTD SFD MRD DDV CNID CDCA MSID DAPA BFED RCBD
     ICDA CDMD LLCN MCTD CLBD AUTU
     GPUA DPUD DNDA CFXA ARHD FITD CLTD ASCD
     CPFA CPTA ABDA CFHD FICD NAID DNAA RDLA BUZZ AGRD MOAD
     UDI RCC HBTD AHD IPND  DDGA NAMA MIND PRSD NRWD NRCD NROD
     DRDD EXR0
     USMD USRD ULAD CCBD RTDD RBDD RBHD PGND OCBD FLXD FTTU DNDY DNO3 MCBN
     FDSD NOVD VOLA VOUD CDMR PRED RECA MCDD T87A SBMD
     KEM3 MSNV FRA  PKCH MUTA MWTD DVLD CROD ELCD VMSA
CPND_LANG ENG
HUNT 2001
LHK  0
PLEV 02
PUID
UPWD
DANI NO
```

```
AST  00
IAPG 1
AACS YES
ACQ  AS: AST-DN
ASID 32
SFNB  1  2  3  5  6  7  8  9  10  11  12  13  15  16  17  18  19  20  21  22  23  24
25  32  33  34  35  36  37  38  39
SFRB  32  33  34  35  36  37  38  39
USFB  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15
CALB  0  1  2  3  4  5  6  7  8  9  10  11
FCTB
ITNA NO
DGRP
MLWU_LANG 0
MLNG ENG
DNDR 0
KEY  00 SCR 3000 0     MARP
        CPND
          CPND_LANG ROMAN
            NAME President 3000
            XPLN 27
            DISPLAY_FMT FIRST,LAST
        ANIE 0
     01
     02
     03
     04
     05
     06
     07
     08
     09
     10
     11
     12
     13
     14
     15
     16
     17 TRN
     18 AO6
     19 CFW 16  50002
     20 RGA
     21 PRK
     22 RNP
     23
     24 PRS
     25 CHG
     26 CPN
     27
     28
     29
     30
     31
DATE  9 DEC 2014
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Please e-mail any questions or comments pertaining to these Application Notes along with the full title name and filename, located in the lower right corner, directly to the Avaya DevConnect Program at devconnect@avaya.com.