



Avaya Solution & Interoperability Test Lab

Application Notes for IntraNext Event Intelligence and OneCTI desktop client with Avaya Aura® Communication Manager 7.1 and Avaya Aura® Application Enablement Services 7.1 – Issue 1.0

Abstract

These Application Notes describe the configuration steps required for IntraNext Event Intelligence and OneCTI desktop client to interoperate with Avaya Aura® Communication Manager 7.1 and Avaya Aura® Application Enablement Services 7.1.

The compliance testing focused on the telephony integration with Avaya Aura® Communication Manager via the Avaya Aura® Application Enablement Services Telephony Services Application Programming Interface and Device Media and Call Control Application Programming Interface.

Readers should pay attention to **Section 2**, in particular the scope of testing as outlined in **Section 2.1** as well as any 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 required for IntraNext Event Intelligence (Event Intelligence) and OneCTI desktop client to interoperate with Avaya Aura® Communication Manager 7.1 and Avaya Aura® Application Enablement Services 7.1.

The compliance testing focused on the telephony integration with Avaya Aura® Communication Manager via the Avaya Aura® Application Enablement Services Telephony Services Application Programming Interface (TSAPI) and Device Media and Call Control (DMCC) Application Programming Interface.

Event Intelligence uses TSAPI and DMCC for providing screen synchronization and softphone telephony controls. OneCTI is a highly customized desktop client supporting enhanced call transfer, customer DTMF interaction, and various agent information interactions.

2. General Test Approach and Test Results

The general test approach was to verify the integration of TSAPI and DMCC events to trigger appropriate actions on OneCTI desktop client, and typical CTI functionality. Combination of only DMCC, only TSAPI, and both DMCC and TSAPI were tested. In addition, serviceability tests were also performed to assess the reliability and accuracy of the solution.

For the manual part of the testing, incoming ACD calls were placed with available agents logged on OneCTI desktop client. All necessary call actions were initiated from the OneCTI desktop client, whenever possible:

The serviceability test cases were performed manually by disconnecting and reconnecting the Ethernet connection to the Event Intelligence server and client.

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.

Avaya recommends our customers implement Avaya solutions using appropriate security and encryption capabilities enabled by our products. The testing referenced in these DevConnect Application Notes included the enablement of supported encryption capabilities in the Avaya products. Readers should consult the appropriate Avaya product documentation for further information regarding security and encryption capabilities supported by those Avaya products.

Support for these security and encryption capabilities in any non-Avaya solution component is the responsibility of each individual vendor. Readers should consult the appropriate vendor-supplied product documentation for more information regarding those products.

For the testing associated with these Application Notes, the interface between Avaya systems and Event Intelligence utilized enabled capabilities of secure connectivity of TSAPI and DMCC.

2.1. Interoperability Compliance Testing

The interoperability compliance test included feature and serviceability testing.

The feature testing focused on verifying the:

- TSAPI and DMCC connectivity via secure interface.
- Incoming and outgoing PSTN calls via OneCTI desktop client and Avaya Deskphones.
- Incoming and outgoing intra-agent calls via OneCTI desktop client and Avaya Deskphones.
- Agent state changes via OneCTI desktop client and Avaya Deskphones; logon, logoff, aux-work, acw, etc.
- Call control features such as Hold, Conferences and Transfers via OneCTI desktop client and Avaya Deskphones.
- Adjunct routing incoming calls to Event Intelligence.
- DTMF detection by Event Intelligence.

The serviceability testing focused on verifying the ability of Event Intelligence to recover from adverse conditions, such as disconnecting/reconnecting the network connection to the Event Intelligence server.

2.2. Test Results

All test cases were executed and verified.

2.3. Support

Technical support on Event Intelligence can be obtained through the following:

- **Phone:** US 1-800-928-6398
- **Email:** support@intranext.com
- **Web:** <http://www.intranext.com>

3. Reference Configuration

Event Intelligence can be deployed on a virtual machine running on a virtualization platform. OneCTI desktop client was installed on Windows 10 PC.

The detailed administration of basic connectivity between Communication Manager and Application Enablement Services is not the focus of these Application Notes and will not be described.

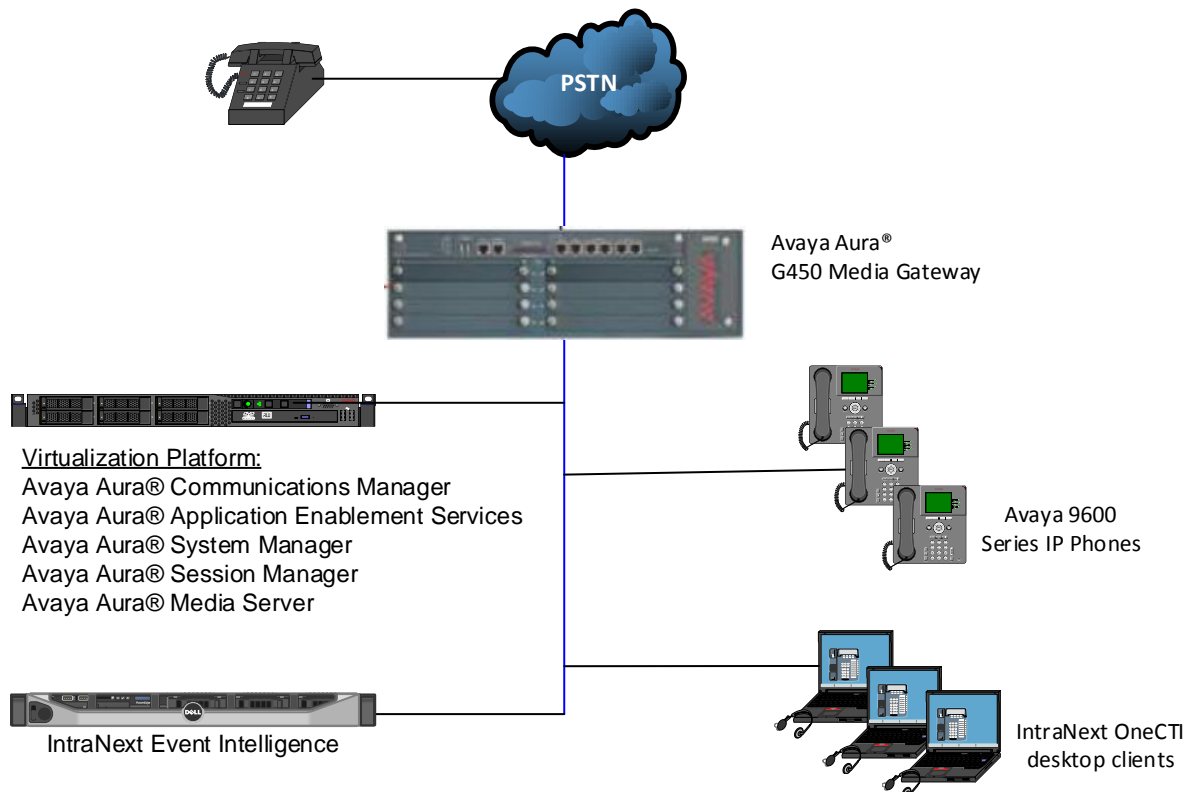


Figure 1: Compliance Testing Configuration

4. Equipment and Software Validated

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

Equipment/Software	Release/Version
Avaya Aura® Communication Manager on a Virtual Machine	R017x.01.0.532.0 7.1.2.0.0-FP2
Avaya G450 Media Gateway	38.20.1/1
Avaya Aura® Media Server	7.8.0.309
Avaya Aura® Application Enablement Services	7.1.2.0.0.3
Avaya Aura® System Manager	7.1.2.0.07353
Avaya Aura® Session Manager	7.1.2.0.712004
Avaya 9611G IP Deskphone (SIP)	7.1.1.0
Avaya 9641G IP Deskphone (H.323)	6.6.6
IntraNext: <ul style="list-style-type: none">Event Intelligence running on Windows 2012 R2 serverOneCTI desktop client on Windows 10 PC	11.1.10.5 10.7.1.6

5. Configure Avaya Aura® Communication Manager

This section provides the procedures for configuring Communication Manager. The procedures include the following areas:

- Verify license
- Administer CTI link
- Administer system parameters features
- Obtain reason codes
- Administer DMCC Stations

The table below shows a sample call center data that was used during compliance testing.

Station	Agent	Hunt Group/Extension	VDN	Vector
50001	5001	1/23001	22001	1
50002	5002	2/23002	22002	2
50101	5003			

5.1. Verify License

Log in to the System Access Terminal to verify that the Communication Manager license has proper permissions for features illustrated in these Application Notes. Use the “display system-parameters customer-options” command to verify that the **Computer Telephony Adjunct Links** customer option is set to “y” on **Page 4**. If this option is not set to “y”, then contact the Avaya sales team or business partner for a proper license file.

display system-parameters customer-options		Page 4 of 12
OPTIONAL FEATURES		
Abbreviated Dialing Enhanced List? y	Audible Message Waiting? y	
Access Security Gateway (ASG)? n	Authorization Codes? y	
Analog Trunk Incoming Call ID? y	CAS Branch? n	
A/D Grp/Sys List Dialing Start at 01? y	CAS Main? n	
Answer Supervision by Call Classifier? y	Change COR by FAC? n	
ARS? y	Computer Telephony Adjunct Links? y	
ARS/AAR Partitioning? y	Cvg Of Calls Redirected Off-net? y	
ARS/AAR Dialing without FAC? n	DCS (Basic)? y	
ASAI Link Core Capabilities? n	DCS Call Coverage? y	
ASAI Link Plus Capabilities? n	DCS with Rerouting? y	

5.2. Administer CTI Link

Add a CTI link using the “add cti-link n” command, where “n” is an available CTI link number. Enter an available extension number in the **Extension** field. Note that the CTI link number and extension number may vary. Enter “ADJ-IP” in the **Type** field, and a descriptive name in the **Name** field. Default values may be used in the remaining fields.

```
add cti-link 1                                     Page 1 of 3
                                         CTI LINK
CTI Link: 1
Extension: 69999
Type: ADJ-IP
                                         COR: 1
Name: AES CTI Link
```

5.3. Administer System Parameters Features

Use the “change system-parameters features” command to enable **Create Universal Call ID (UCID)**, which is located on **Page 5**. For **UCID Network Node ID**, enter an available node ID.

```
change system-parameters features                 Page 5 of 19
                                         FEATURE-RELATED SYSTEM PARAMETERS

SYSTEM PRINTER PARAMETERS
Endpoint:                               Lines Per Page: 60

SYSTEM-WIDE PARAMETERS
                                         Switch Name:
Emergency Extension Forwarding (min): 10
Enable Inter-Gateway Alternate Routing? n
Enable Dial Plan Transparency in Survivable Mode? n
                                         COR to Use for DPT: station
                                         EC500 Routing in Survivable Mode: dpt-then-ec500
MALICIOUS CALL TRACE PARAMETERS
Apply MCT Warning Tone? n      MCT Voice Recorder Trunk Group:
Delay Sending RElease (seconds): 0
SEND ALL CALLS OPTIONS
Send All Calls Applies to: station      Auto Inspect on Send All Calls? n
Preserve previous AUX Work button states after deactivation? n
UNIVERSAL CALL ID
Create Universal Call ID (UCID)? y      UCID Network Node ID: 1
```

Navigate to **Page 13**, and enable **Send UCID to ASAI**. This parameter allows for the universal call ID to be sent to Event Intelligence.

```
change system-parameters features                 Page 13 of 19
                                         FEATURE-RELATED SYSTEM PARAMETERS

CALL CENTER MISCELLANEOUS
Callr-info Display Timer (sec): 10
Clear Callr-info: next-call
Allow Ringer-off with Auto-Answer? n

Reporting for PC Non-Predictive Calls? n
```

```
Agent/Caller Disconnect Tones? n
Interruptible Aux Notification Timer (sec): 3
Zip Tone Burst for Callmaster Endpoints: double
```

ASAI

```
Copy ASAI UI During Conference/Transfer? n
Call Classification After Answer Supervision? n
Send UCID to ASAI? y
For ASAI Send DTMF Tone to Call Originator? y
Send Connect Event to ASAI For Announcement Answer? n
Prefer H.323 Over SIP For Dual-Reg Station 3PCC Make Call? n
```

5.4. Obtain Reason Codes

For contact centers that use reason codes, enter the “change reason-code-names” command to display the configured reason codes. Make a note of the **Aux Work** reason codes, which will be used by OneCTI desktop client.

```
change reason-code-names                                     Page 1 of 1

REASON CODE NAMES

Aux Work/Logout
Interruptible?

Reason Code 1: Break /n
Reason Code 2: Support /n
Reason Code 3: Lunch /n
Reason Code 4: Training /n
Reason Code 5: Meeting /n
Reason Code 6: /n
Reason Code 7: /n
Reason Code 8: /n
Reason Code 9: /n

Default Reason Code:
```

5.5. Administer DMCC Stations

Add DMCC Stations as needed using the “add station n” command, where “n” is an available extension number. Enter “9641” in **Type** field. Enter a desired name in **Name** field. Set a security code in **Security Code** field. Set **IP Softphone** to “y.”

add station 55551		Page 1 of 5
STATION		
Extension: 55551	Lock Messages? n	BCC: 0
Type: 9641	Security Code: *	TN: 1
Port: S00037	Coverage Path 1:	COR: 1
Name: DMCC Station 1	Coverage Path 2:	COS: 1
	Hunt-to Station:	Tests? y
STATION OPTIONS		
	Time of Day Lock Table:	
Loss Group: 19	Personalized Ringing Pattern: 1	
	Message Lamp Ext: 55551	
Speakerphone: 2-way	Mute Button Enabled? y	
Display Language: english	Button Modules: 0	
Survivable GK Node Name:		
Survivable COR: internal	Media Complex Ext:	
Survivable Trunk Dest? y	IP SoftPhone? y	

6. Configure Avaya Aura® Application Enablement Services

This section provides the procedures for configuring Application Enablement Services. The procedures include the following areas:

- Launch OAM interface
- Verify license
- Administer TSAPI link
- Restart service
- Obtain Tlink name
- Administer Event Intelligence user

6.1. Launch OAM Interface

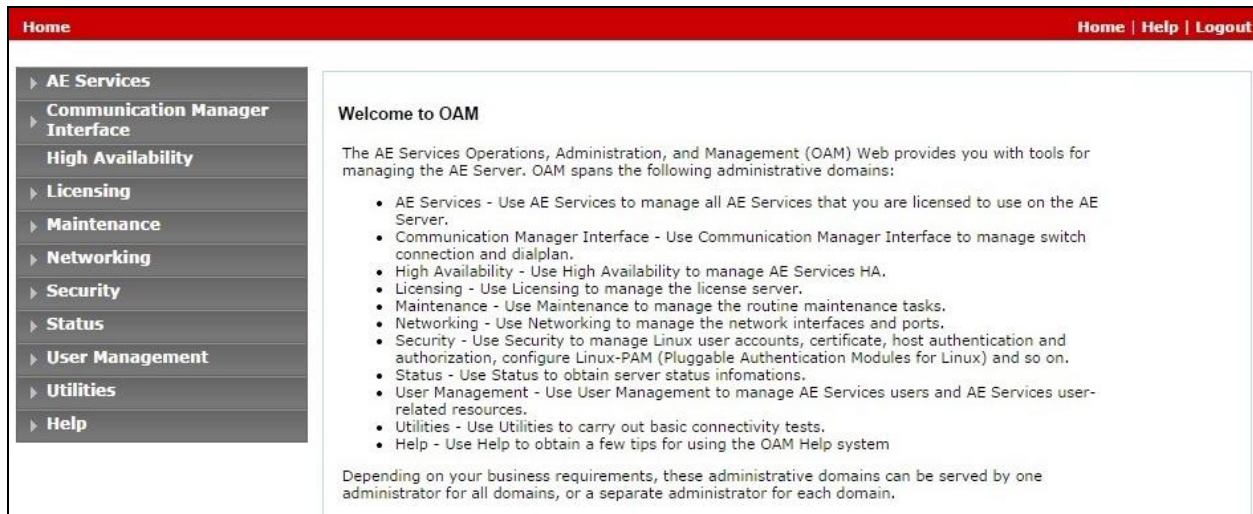
Access the OAM web-based interface by using the URL “https://ip-address” in an Internet browser window, where “ip-address” is the IP address of the Application Enablement Services server.

The **Please login here** screen is displayed. Log in using the appropriate credentials.



The screenshot shows the Avaya Application Enablement Services Management Console login interface. At the top left is the Avaya logo in red. To its right, the text "Application Enablement Services" is displayed in bold black, with "Management Console" underneath it. A thick red horizontal bar spans the width of the page below the header. In the center of the page is a light gray rectangular box with a thin blue border. Inside this box, the text "Please login here:" is at the top. Below it, the label "Username" is followed by a white text input field. At the bottom of the box is a gray button with the text "Continue". Another thick red horizontal bar is located at the bottom of the page, just above the footer. The footer text, "Copyright © 2009-2016 Avaya Inc. All Rights Reserved.", is centered at the very bottom.

The **Welcome to OAM** screen is displayed next.



6.2. Verify License

Select **Licensing** → **WebLM Server Access** in the left pane, to display the **Web License Manager** pop-up screen (not shown), and log in using the appropriate credentials.



The **Web License Manager** screen below is displayed. Select **Licensed products** → **APPL_ENAB** → **Application_Enablement** in the left pane, to display the **Application Enablement (CTI)** screen in the right pane.

Verify that there are sufficient licenses for **Device Media and Call Control** for DMCC and **TSAPI Simultaneous Users** for TSAPI, as shown below.

WebLM Home		Application Enablement (CTI) - Release: 7 - SID: 10503000		Standard License																											
Install license		You are here: Licensed Products > Application_Enablement > View License Capacity																													
Licensed products		License installed on: July 11, 2017 5:33:16 PM +00:00																													
APPL_ENAB																															
▼ Application_Enablement		<div>License File Host IDs:</div>																													
View license capacity																															
View peak usage		<div>Licensed Features</div>																													
AVAYA_OCEANA		<div>10 Items Show All</div> <table border="1"> <thead> <tr> <th>Feature (License Keyword)</th> <th>Expiration date</th> <th>Licensed capacity</th> </tr> </thead> <tbody> <tr> <td>Unified CC API Desktop Edition VALUE_AES_AEC_UNIFIED_CC_DESKTOP</td> <td>permanent</td> <td>1000</td> </tr> <tr> <td>CVLAN ASAI VALUE_AES_CVLAN_ASAI</td> <td>permanent</td> <td>16</td> </tr> <tr> <td>Device Media and Call Control VALUE_AES_DMCC_DMC</td> <td>permanent</td> <td>1000</td> </tr> <tr> <td>AES ADVANCED SMALL SWITCH VALUE_AES_AEC_SMALL_ADVANCED</td> <td>permanent</td> <td>3</td> </tr> <tr> <td>DLG VALUE_AES_DLG</td> <td>permanent</td> <td>16</td> </tr> <tr> <td>TSAPI Simultaneous Users VALUE_AES_TSAPI_USERS</td> <td>permanent</td> <td>1000</td> </tr> <tr> <td>AES ADVANCED LARGE SWITCH VALUE_AES_AEC_LARGE_ADVANCED</td> <td>permanent</td> <td>3</td> </tr> <tr> <td>CVLAN Proprietary Links VALUE_AES_PROPRIETARY_LINKS</td> <td>permanent</td> <td>16</td> </tr> </tbody> </table>			Feature (License Keyword)	Expiration date	Licensed capacity	Unified CC API Desktop Edition VALUE_AES_AEC_UNIFIED_CC_DESKTOP	permanent	1000	CVLAN ASAI VALUE_AES_CVLAN_ASAI	permanent	16	Device Media and Call Control VALUE_AES_DMCC_DMC	permanent	1000	AES ADVANCED SMALL SWITCH VALUE_AES_AEC_SMALL_ADVANCED	permanent	3	DLG VALUE_AES_DLG	permanent	16	TSAPI Simultaneous Users VALUE_AES_TSAPI_USERS	permanent	1000	AES ADVANCED LARGE SWITCH VALUE_AES_AEC_LARGE_ADVANCED	permanent	3	CVLAN Proprietary Links VALUE_AES_PROPRIETARY_LINKS	permanent	16
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► Avaya_Oceana																															
Avaya_Aura_Web_Gateway																															
► Avaya_Aura_Web_Gateway																															
CE																															
► COLLABORATION_ENVIRONMENT																															
CMM																															
► Communication_Manager_Messaging																															
Configure Centralized Licensing																															
COLLABORATION_DESIGNER																															
► Collaboration_Designer																															
COMMUNICATION_MANAGER																															
► Call_Center																															
► Communication_Manager																															
Configure Centralized Licensing																															
CONTEXT_STORE																															
► Context_Store																															

6.3. Administer TSAPI Link

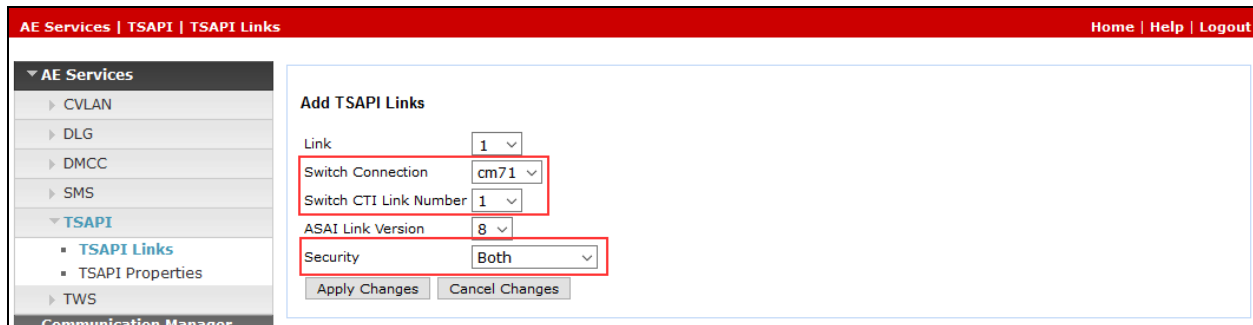
Select **AE Services** → **TSAPI** → **TSAPI Links** from the left pane of the **Management Console**, to administer a TSAPI link. The **TSAPI Links** screen is displayed, as shown below. Click **Add Link**.



The screenshot shows the 'TSAPI Links' management console. The left sidebar contains a tree view with 'AE Services' expanded, showing 'CVLAN', 'DLG', 'DMCC', 'SMS', 'TSAPI' (expanded), 'TSAPI Links' (selected), and 'TSAPI Properties'. The main content area is titled 'TSAPI Links' and contains a table with columns: 'Link', 'Switch Connection', 'Switch CTI Link #', 'ASAI Link Version', and 'Security'. Below the table are three buttons: 'Add Link', 'Edit Link', and 'Delete Link'.

The **Add TSAPI Links** screen is displayed next.

The **Link** field is only local to the Application Enablement Services server, and may be set to any available number. For **Switch Connection**, select the relevant switch connection from the drop-down list. In this case, the existing switch connection “cm71” is selected. For **Switch CTI Link Number**, select the CTI link number from **Section 5.2**. For **Security**, select “Both.” Retain the default values in the remaining fields.



The screenshot shows the 'Add TSAPI Links' configuration screen. The left sidebar is the same as the previous screenshot. The main content area is titled 'Add TSAPI Links' and contains five dropdown menus: 'Link' (set to 1), 'Switch Connection' (set to cm71), 'Switch CTI Link Number' (set to 1), 'ASAI Link Version' (set to 8), and 'Security' (set to Both). Below the dropdowns are two buttons: 'Apply Changes' and 'Cancel Changes'.

6.4. Restart Service

Select **Maintenance** → **Service Controller** from the left pane, to display the **Service Controller** screen in the right pane. Check **TSAPI Service**, and click **Restart Service**.

The screenshot shows the 'Maintenance | Service Controller' interface. On the left, a navigation pane lists various services, with 'Maintenance' expanded and 'Service Controller' selected. The main area displays a table of services and their controller status.

Service	Controller Status
<input type="checkbox"/> ASAI Link Manager	Running
<input type="checkbox"/> DMCC Service	Running
<input type="checkbox"/> CVLAN Service	Running
<input type="checkbox"/> DLG Service	Running
<input type="checkbox"/> Transport Layer Service	Running
<input checked="" type="checkbox"/> TSAPI Service	Running

For status on actual services, please use [Status and Control](#)

Buttons at the bottom: Start, Stop, Restart Service, Restart AE Server, Restart Linux, Restart Web Server.

6.5. Obtain Tlink Name

Select **Security** → **Security Database** → **Tlinks** from the left pane. The **Tlinks** screen shows a listing of the Tlink names. A new Tlink name is automatically generated for the TSAPI service. Locate the Tlink name associated with the relevant switch connection, which would use the name of the switch connection as part of the Tlink name. Make a note of the associated Tlink name, to be used for configuring Event Intelligence.

In this case, the associated Tlink name is “AVAYA#CM71#CSTA-S#AES”. Note the use of the switch connection “CM71” from **Section 6.3** as part of the Tlink name.

The screenshot shows the 'Security | Security Database | Tlinks' interface. On the left, a navigation pane lists various security options, with 'Security' expanded and 'Tlinks' selected. The main area displays a list of Tlink names with radio buttons for selection.

Tlinks

Tlink Name

- ☐ AVAYA#ACM#CSTA#AES
- ☐ AVAYA#ACM#CSTA-S#AES
- ☐ AVAYA#CM71#CSTA#AES
- ☒ AVAYA#CM71#CSTA-S#AES

Buttons: Delete Tlink

6.6. Administer Event Intelligence User

Select **User Management** → **User Admin** → **Add User** from the left pane, to display the **Add User** screen in the right pane.

Enter desired values for **User Id**, **Common Name**, **Surname**, **User Password**, and **Confirm Password**. For **CT User**, select “Yes” from the drop-down list. Retain the default value in the remaining fields.

The screenshot shows the 'Edit User' form within the 'User Management' application. The left sidebar contains a navigation menu with categories like 'AE Services', 'Communication Manager Interface', 'High Availability', 'Licensing', 'Maintenance', 'Networking', 'Security', and 'Status'. Under 'User Management', 'User Admin' is selected, showing options like 'Add User', 'Change User Password', 'List All Users', 'Modify Default Users', and 'Search Users'. The main form area is titled 'Edit User' and contains several input fields: '* User Id' (value: intranext), '* Common Name' (value: intranext), '* Surname' (value: intranext), 'User Password', 'Confirm Password', 'Admin Note', 'Avaya Role' (value: None), 'Business Category', 'Car License', 'CM Home', 'Css Home', 'CT User' (value: Yes), and 'Department Number'. A red box highlights the first three fields, and another red box highlights the 'CT User' dropdown.

Select **Security** → **Security Database** → **CTI Users** → **List All User** from the left pane and Edit the user created above.

Check box for **Unrestricted Access** as shown below:

The screenshot shows the 'Edit CTI User' form within the 'Security Database' application. The left sidebar contains a navigation menu with categories like 'AE Services', 'Communication Manager Interface', 'High Availability', 'Licensing', 'Maintenance', 'Networking', and 'Security'. Under 'Security', 'Security Database' is selected, showing options like 'Control', 'CTI Users', and 'List All Users'. The main form area is titled 'Edit CTI User' and contains several sections: 'User Profile' (User ID: intranext, Common Name: intranext, Worktop Name: NONE), 'Unrestricted Access' (checked), 'Call and Device Control' (Call Origination/Termination and Device Status: None), 'Call and Device Monitoring' (Device Monitoring: None, Calls On A Device Monitoring: None, Call Monitoring: unchecked), and 'Routing Control' (Allow Routing on Listed Devices: None). At the bottom, there are 'Apply Changes' and 'Cancel Changes' buttons. A red box highlights the 'Unrestricted Access' checkbox.

7. Configure IntraNext Event Intelligence and OneCTI desktop client.

All configurations related to Event Intelligence and OneCTI desktop client is performed by IntraNext engineers and, thus, is not documented.

8. Verification Steps

This section provides the tests that can be performed to verify proper configuration of Communication Manager, Application Enablement Services, and Event Intelligence.

8.1. Verify Avaya Aura® Communication Manager

On Communication Manager, verify the status of the administered CTI link by using the “status aesvcs cti-link” command. Verify that the **Service State** is “established” for the CTI link number administered in **Section 5.2**, as shown below.

```
status aesvcs cti-link
```

AE SERVICES CTI LINK STATUS						
CTI Link	Version	Mnt Busy	AE Services Server	Service State	Msgs Sent	Msgs Rcvd
1	8	no	aes	established	15	15

8.2. Verify Avaya Aura® Application Enablement Services

On Application Enablement Services, verify the status of the TSAPI link by selecting **Status** → **Status and Control** → **TSAPI Service Summary** from the left pane (not shown). The **TSAPI Link Details** screen is displayed.

Verify the **Status** is “Talking” for the TSAPI link administered in **Section 6.3**.

Status | Status and Control | TSAPI Service Summary

Home | Help | Logout

▸ AE Services

▸ Communication Manager Interface

▸ High Availability

▸ Licensing

▸ Maintenance

▸ Networking

▸ Security

▼ Status

Alarm Viewer

TSAPI Link Details

☐ Enable page refresh every

60

seconds

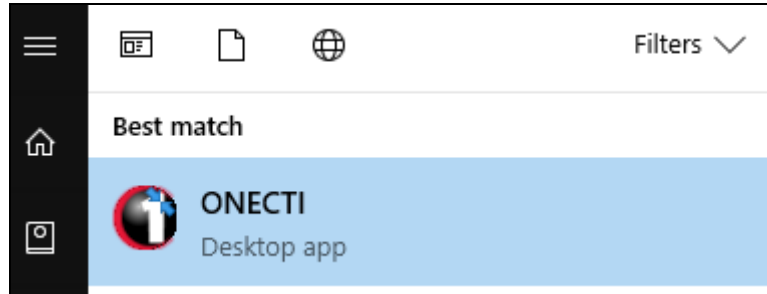
	Link	Switch Name	Switch CTI Link ID	Status	Since	State	Switch Version	Associations	Msgs to Switch	Msgs from Switch	Msgs Period
<input checked="" type="radio"/>	1	cm71	1	Talking	Thu Mar 1 11:27:13 2018	Online	17	0	15	15	30

Online

Offline

8.3. Verify OneCTI desktop client

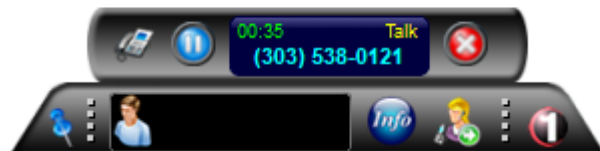
Ensure an agent is already logged onto Avaya Deskphone. From the agent desktop PC, launch ONECTI application.



The ONECTI application automatically detects agent logon.



Place a call to the agent extension and answer the call via ONECTI application.



Change various agent states and ensure, it gets updated on Communication Manager.



9. Conclusion

These Application Notes describe the configuration steps required for IntraNext Event Intelligence to successfully interoperate with Avaya Aura® Communication Manager 7.1 and Avaya Aura® Application Enablement Services 7.1. All feature and serviceability test cases were completed with observations noted in **Section 2.2**.

10. Additional References

This section references the product documentation relevant to these Application Notes.

1. *Administering Avaya Aura® Communication Manager*, Document 03-300509, Issue 10, Release 7.1, June 2017 available at <http://support.avaya.com>.
2. *Avaya Aura® Application Enablement Services Administration and Maintenance Guide*, Release 7.1, 02-300357, June 2017, available at <http://support.avaya.com>.

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