

Avaya Solution & Interoperability Test Lab

Application Notes for configuring Aculab VoiSentry to interoperate with Avaya Aura® Experience Portal and Avaya Aura® Communication Manager - Issue 1.0

Abstract

These Application Notes describe the configuration steps for Aculab VoiSentry to successfully interoperate with Avaya Aura® Experience Portal in an Avaya Aura® Communication Manager environment.

Readers should pay attention to Section 2, in particular the scope of testing as outlined in Section 2.1 as well as the 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 compliance tested configuration of Aculab's VoiSentry voice biometric speaker verification system with Avaya Aura® Experience Portal R7.2.1 and Avaya Aura® Communication Manager R8.0.

VoiSentry is designed to enable businesses to add voice authentication solutions to any telephony-based application. Now, business customers can replace frustrating, time consuming verification processes simply by allowing customers verify with their voice. Calls are made to the VoiSentry Voice Biometrics application loaded on Experience Portal. VoiSentry then provides speaker verification and allows the caller to move through the menu based on the correctly phrase spoken.

Some of the benefits of speaker verification.

- More secure than PINs and passwords
- Reduce the threat from fraud and identity theft
- Lower the cost of client authentication
- Offer callers speed and convenience
- Meets obligations for personal data protection
- Improve customer satisfaction metrics

2. General Test Approach and Test Results

Aculab's solution consists of a VoiSentry node located on the DevConnect LAN and a Voice Biometrics application that is installed on Experience Portal. Callers are routed to the Voice Biometrics application on Experience Portal. This application then calls on the VoiSentry node to provide the speaker verification intelligence.

The general test approach was to configure the VoiSentry Voice Biometrics application to communicate with Experience Portal as implemented on a customer's premises. See **Figure 1** for a network diagram. The interoperability compliance testing included feature and serviceability testing. The feature testing verified the ability of VoiSentry to process voice recordings made during VoiceXML calls and to analyse their validity. Callers are greeted with a demo script where speaker verification software can determine if the caller is genuine by asking a phrase to be stated. The caller is then transferred to an "agent phone" upon successful verification. The serviceability testing introduced simulated LAN failures observing the caller experience during and after such a failure.

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 Experience Portal and VoiSentry utilized a secure HTTPS connection and a self-signed certificate.

2.1. Interoperability Compliance Testing

The interoperability compliance test included both feature functionality and serviceability testing. The feature functionality testing focused on placing calls to the VoiSentry Voice Biometrics application. The tests included:

- **Connectivity** Test that the VoiSentry Voice Biometrics application was installed correctly on Experience Portal.
- Security Verify that a secure connection (HTTPS) and a user/pass details are needed to access the VoiSentry node.
- Enrolling a new user Create a new user ID and associated phrase.
- Verify existing enrolment Test existing phrase voice verification.
- Verify imposter is rejected Test resilience by saying the phrase with a different voice.
- **Delete voiceprint of user** Using the DTMF menu, delete an existing voiceprint that was previously created.

Serviceability testing – Test the experience of the caller and the behaviour of VoiSentry Voice Biometrics when the VoiSentry node is not available due to a simulated LAN failure.

2.2. Test Results

All functionality and serviceability test cases were completed successfully.

2.3. Support

Technical support can be obtained for Aculab as follows:

- Email: <u>support@aculab.com</u>
- Website: <u>www.aculab.com</u>
- Phone: +44 (0) 1908 273805 (UK)
 - +1 (781) 352 3551 (USA

3. Reference Configuration

Figure 1 shows the network topology during interoperability testing. Communication Manager with an Avaya G450 Media Gateway was used as the hosting PBX. VoiSentry is connected to the LAN with the VoiSentry Voice Biometrics installed and configured on Experience Portal. Session Manager is used to route calls to Experience Portal.



Figure 1: Aculab VoiSentry integrating with Avaya Aura® Experience Portal using Avaya Aura® Communication Manager and Avaya Aura® Session Manager

4. Equipment and Software Validated

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

Equipment/Software	Release/Version
Avaya Aura® System Manager running on a virtual server	System Manager 8.0.1.0 Build No. – 8.0.0.0.931077 Software Update Revision No: 8.0.1.0.038826 Feature Pack 1
Avaya Aura® Session Manager running on a virtual server	Session Manager R8.0 FP1 Build No. – 8.0.1.0.801007
Avaya Aura® Communication Manager running on Virtual Server	R018x.00.0.822.0 R8.0.1.0.0 – FP1 Update ID 00.0.822.0-25031
Avaya Aura® Experience Portal MPP Cores Tomcat Java	7.2.1.0.0605 7.2.0.0.117 8.5.12 1.8.0_131-b11
Avaya G450 Gateway	41.10.1 /1
Avaya Media Server running on a Virtual Server	R8.0.0.150
Avaya 9608 H323 Deskphone	96x1 H323 Release 6.6.115
Avaya J179 H323 Deskphone	96x1 H323 Release 6.7.002U
Avaya 9641 SIP Deskphone	96x1 SIP Release 7.1.2.0.14
Avaya J129 SIP Deskphone	SIP 1.0.0.0.43
Avaya Vantage Equinox	1.0.0.2
Avaya 9408 Digital Deskphone	N/A
Aculab VoiSentry	1.21.2
Aculab VoiSentry Voice Biometrics Application	1.1.1

5. Configure Avaya Aura® Experience Portal

The information provided in this section describes the configuration of Experience Portal relevant to this solution. For all other provisioning information such as initial installation and configuration, please refer to the product documentation in **Section 9**.

The configuration operations described in this section can be summarized as follows:

- Deploy Voice Biometrics Application
- Add Voice XML Application
- Configure Application Attributes

5.1. Deploy Voice Biometrics Application

The VoiSentry Voice Biometrics application is deployed on the Tomcat server running on Experience Portal. The VoiSentry Voice Biometrics application is a VoiceXML application deployed in the Tomcat webapps folder on the application server used to access the Experience Portal applications.

Open a web browser and navigate to the Experience Portal address as shown below https://<ExpPortal IP>/VoicePortal

Enter the appropriate credentials and click on Logon.

4	\rightarrow	C	A Not secure	e	https://10.10.41.1	16/Vo	oicePortal/								
	Apps	6	Suggested Sites		Imported From IE	A	Oceana Login	A	RealTime Login	A	SupervisorLogin	A	RT LOGIN	ß	Analytics Historical
							1	~							
							1	-	WELYEL		Dortal 7 3 1 / Evr		ncoDortal)		
								AV	aya Aura© Experi	ence	Portal 7.2.1 (Exp	Jerie	nceportal)		
									User Name:	ep	admin				
									Password:	••					
												L	ogon		
							1	Char	ige Password						
									© 20	18 A	vaya Inc. All Rights	Rese	rved.		

Navigate to System Management \rightarrow Application Server in the left window. Click on the Host Address in the main window, this should open a new window.



The following window is opened to the **Tomcat Web Application Manager.** Scroll down the page.

	тм					APACHE SOFTWARE FOUNDATION
			Tomcat Web Applicati	on Man	ager	
Message:	ОК					
Manager						
List Applications			HTML Manager Help		Manage	er Help Server Status
Applications						
Path		Version	Display Name	Running	Sessions	Commands
Ĺ		None specified	Welcome to Tomcat	true	<u>0</u>	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/VoiSentryDemo		None specified	Aculab VoiSentry DEMO	true	<u>0</u>	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/VoiSentryDemoNE	<u>W1</u>	None specified	Aculab VoiSentry DEMO	true	<u>0</u>	Start Stop Reload Undeploy
/VoiSentryDemoNE	<u>N2</u>	None specified	Aculab VoiSentry DEMO	true	<u>0</u>	Start Stop Reload Undeploy
/WorkAssignmentSe	IfService-3.5.0.0.6	None specified		true	<u>0</u>	Start Stop Reload Undeploy Expire sessions with idle 2 30 minutes

Solution & Interoperability Test Lab Application Notes ©2019Avaya Inc. All Rights Reserved. Scroll down to the **WAR file to deploy** section. The WAR file can be chosen by clicking on **Choose File**. A window is opened browsing to the location of the WAR file. This will be a file provided by Aculab.

) Open			Х	🗋 🗋 /ma	anager	×	🖉 Manage Access keys - Acule 🗙 🕂 🦳 🗇
\rightarrow \checkmark \uparrow \blacksquare \rightarrow Thi	is PC > Maplin (F:) >	✓ ひ Search Maplin (F:)	Q				× P
Organize 🔻 New folde	r			isorLogin	RT LOGIN	🗅 Analytic	cs Historical
This PC	Name	Date modified	Туре ^		true	0	Start Stop Reload Undeploy
3D Objects	Aculab Software OVA	07/03/2019 10:34	File folde		uue	<u>v</u>	Expire sessions with idle ≥ 30 minutes
Desktop		26/02/2019 13:02	File folde	-			Start Stop Reload Undeploy
Documents	Ascom WinPDM 3.8.1	24/10/2018 18:32	File folde		true	1	Expire consists with idle > 20 minutes
	Avava EP Sample App	08/10/2018 11:26	File folde				Lixpire sessions with fulle 2 50 mininutes
Muric Nuance		08/10/2018 16:06	File folde		true	0	Start Stop Reload Undeploy
	Software from ASC	10/01/2019 10:43	File folde		urue	<u>v</u>	Expire sessions with idle ≥ 30 minutes
Pictures	Stuff for EP	15/10/2018 10:09	File folde				Chart Char Deland Hadarday
Videos	Stephens CM for PC.rtf	22/01/2019 18:05	Rich Text		true	0	Start Stop Reload Undeploy
🏪 Local Disk (C:)	StevesEPlicense.xml	08/03/2019 13:19	XML Doc			-	Expire sessions with idle ≥ 30 minutes
Software (D:)	🛅 TaiLi PC setup on CM.rtf	22/01/2019 16:04	Rich Text				Start Stop Reload Undeploy
🔜 Maplin (F:)	VoiSentryDemo.war	12/03/2019 10:41	WAR File		true	<u>0</u>	
Maplin (E)	VoiSentryDemoNEW1.war	19/03/2019 11:41	WAR File				Expire sessions with idle ≥ 30 minutes
Audah Cathuran	VoiSentryDemoNEW2.war	19/03/2019 13:53	WAR File 🗸				
Acuiab Software	<		>				
File na	ame: VoiSentryDemo.war	✓ All Files (*.*)	\sim				
		Open	Cancel				
	Ame Comiga	adon no orte.					
	WAR or	Directory URL:					
		Deploy					
R file to deploy							
	Selec	t WAR file to upload Choose F	ile No file ch	osen			
		Deploy					

Click on **Deploy** as shown below.

Deploy	
Deploy directory or WAR file located on server	
Context Path (required):	
XML Configuration file URL:	
WAR or Directory URL:	
	Deploy
WAR file to deploy	
Select WAR file to up	oload Choose File VoiSentryDemo.war
	Deploy

The new application is shown as being deployed.

						AF	ACHE are foundation
		Tomcat Web Application	on Man	ager			
Message: OK							
Manager							
List Applications		HTML Manager Help		Manage	er Help		Server Status
Applications							
Path	Version	Display Name	Running	Sessions	Commands		
L	None specified	Welcome to Tomcat	true	<u>0</u>	Start Stop Relo	ad Undeploy ith idle ≥ 30	minutes
					Start Stop Relo	ad Undeploy	
/VoiSentryDemo	None specified	Aculab VoiSentry DEMO	true	Q	Expire sessions w	ith idle ≥ 30	minutes
/VoiSentryDemoNEW1	None specified	Aculab VoiSentry DEMO	true	Q	Start Stop Relo Expire sessions w	ad Undeploy ith idle ≥ 30	minutes

5.2. Add Voice XML Application

The VoiSentry Voice Biometrics application is added on Experience Portal as a Voice XML application. On Experience Portal navigate to **System Configuration** \rightarrow **Applications** in the left window. In the main window click on **Add**.

Αναγα									Last log	Welco ged in today at	me, epadmin 5:34:47 AM PDT
Avaya Aura® Experience Por	tal 7.2.1 (E	xperiencePorta	al)						ff i	lome 🛛 📪 Hel	P 🕄 Logoff
Expand All Collapse All	You are	e here: Home > S	vstem Configuratio	n > Applica	ations						
▼ User Management Roles Users Login Options ▼ Real-time Monitoring System Monitor Active Calls	App This p	plications	e applications tha	t are curre	ently deployed on the Experies	nce Portal system.					
Port Distribution • System Maintenance Audit Log Viewer Trace Viewer Log Viewer Alson Maccoor	•	Name	Enable	Туре 🖕	URI	_	Launch	ASR	ттs	Requeste SIP Calls	Launch Order d Configurable Application Variables
 System Management Application Server 		<u>Oceana</u>	Yes	VoiceXML	http://10.10.41.16:7080/Wo 3.5.0.0.6/Start	rkAssignmentSelfService-	2900	English(USA) en-US	English(USA) en-US Jennifer F	None	ø
EPM Manager MPP Manager Software Upgrade		Oceana2	Yes	VoiceXML	http://10.10.40.135:7080/W	orkAssignmentSelfService/Start	2902	English(USA) en-US	English(USA) en-US Jennifer F	None	ø
System Backup System Configuration Applications		TestPG	Yes	VoiceXML	http://10.10.41.16/mpp/mis	c/avptestapp/intro.vxml	2901	English(USA) en-US	English(USA) en-US Jennifer F	None	
EPM Servers MPP Servers SNMP Speech Servers VoIP Connections Zones	Add	Delete	Clear MPP Cacl	ne Glo	obal CAVs Help						

The following information must be added.

- Name Enter a suitable name for the new application in the example below this is VoiSentryDemo.
- **Type** This is set to **VoiceXML**
- VoiceXML URL This will be the location of the deployed application. As the tomcat server is running on Experience Portal this will be the Experience Portal address followed by **7080** as this is the port used by Experience Portal. The application name follows in this case VoiSentryDemo followed by /Start.
- **Called Number** This is the number assigned to the application i.e., the number that is called which routes the caller into the application. The example below shows that **2909** was chosen.

All other values can be left as shown as this was default. Click on **Apply** and **Save** at the bottom of the screen to save the new application.

Use this page to char	nge the configuration of an application.
Name:	VoiSentryDemo
Enable:	🖲 Yes 🔍 No
Туре:	VoiceXML 🔻
Reserved SIP Calls:	🖲 None 🔍 Minimum 🔍 Maximum
Requested:	
URI	
🖲 Single 🔍 Fail (Over 🔍 Load Balance
VoiceXML URL: http	v://10.10.41.16:7080/VoiSentryDemo/Start Verify
Mutual Certificate Au	thentication: 🔘 Yes 🖲 No
Basic Authentication:	🔍 Yes 🖲 No
Speech Servers	
ASR: No ASR V	
TTS: No TTS V	
Application Launch	
Inbound Inl	pound Default 🔍 Outbound
🖲 Number 🔍 Nu	imber Range 🔍 URI
Called Number:	Add
2909	Remove
	T
Speech Parameters	
Reporting Paramete	ers >
Advanced Paramete	ers 🕨
Save Apply	Cancel Help

5.3. Configure Application Attributes

The new application is now visible, and the attributes must be configured. Click on the **Configurable Application Variables** icon highlighted below.

A	oplications								
This	page displays the applica	tions tha	t are curre	ently deployed on the Experience Portal system.					
_									Launch Order
	Name ᆍ	Enable	Туре 靠	URI	Launch	ASR	ττs	Requested SIP Calls	Configurable Application Variables
	<u>Oceana</u>	Yes	VoiceXML	http://10.10.41.16:7080/WorkAssignmentSelfService- 3.5.0.0.6/Start	2900	English(USA) en-US	English(USA) en-US Jennifer F	None	/
	Oceana2	Yes	VoiceXML	http://10.10.40.135:7080/WorkAssignmentSelfService/Start	2902	English(USA) en-US	English(USA) en-US Jennifer F	None	I
	TestPG	Yes	VoiceXML	http://10.10.41.16/mpp/misc/avptestapp/intro.vxml	2901	English(USA) en-US	English(USA) en-US Jennifer F	None	
	VoiSentryDemo	Yes	VoiceXML	http://10.10.41.16:7080/VoiSentryDemo/Start	2909	No ASR	No TTS	None	I
Ad	d Delete Clear M	IPP Cac	he Gl	bbal CAVs Help					

The following must be changed in order to connect to the VoiSentry server correctly.

- Access Key This access key is obtained from the VoiSentry server as outlined in Section 6.
- Agent Phone This is the number that the application transfers the caller to. This can be any station on Communication Manager. This represents the "agent phone" and callers will be transferred to this number upon completion of the voice verification process.
- **API URL** This is the IP address of the VoiSentry server. A secure HTTPS connection is required followed by **/api**.
- **APPS Port** :7080 is entered for the port number.

Click on **Apply** and then **Save** once this is completed. The application should be ready for use now. Dialling the number associated with the application will allow the caller to reach the application.

Change	VoiSentryDemo Configurable A	oplication Variables
Use this page	to change the values of the configurable application v	ariables, defined in the applications that are deployed on the Experience Portal system.
	Reset All to Defau	
Access Key:	af484bb6-676b-4b33-a73d-bc2ae51161bd	
Agent Phone:	2050	
API URL:	https://10.10.40.125/api/	
APPS Port:	:7080	
Save Ap	ply Cancel Help	

6. Configure Aculab VoiSentry

It is assumed that the VoiSentry node is already installed and configured correctly by an engineer with sufficient training from Aculab.

VoiSentry contains an access key that is required for the attributes configuration in **Section 5.3**. This section illustrates the steps required to obtain this access key.

Open a HTTPS session to the VoiSentry node. Enter the appropriate credentials and click in **Login**.

← → C ▲ Not secure	https://10.10.40.125/login				\$	Р	:
H Apps b Suggested Sites	Imported From IE 🔺 Oceana Login 🔺 Re	alTime Login 🛛 🗛 SupervisorLog	gin 🔼 RT LOGIN	Analytics Historical			
VoiSent	ry, _{™aculab}			Node [1551952146] Logged in as [] Rol	Hostname [ast-1551952146] e []		
Cluster Login							
Please enter your Userna	me and Password.						
Username:	tenant						
Password:							
	Login						

Once logged in navigate to **Service Management** \rightarrow **Manage Access Keys** as shown below.

VoiSen	try, waculab					Node [1551952146] Logged in as [tenant]	Hostname [ast-1551952146] Role [Tenant]
Status Monitor Servi	ce Management Acco	unt Administration					Change Password Logout
Mana Usage ag	ige Datasets	_					
Tenant Mana	ge Access Keys	nents	Quota	% used	Verifs today	Quota	% used
tenant en	abled 7		0		92	0	
Datasets							
Dataset	Enrolments	Ш	Dataset	Enrolments	Ш	Dataset	Enrolments
devconnect	7	II			Ш		
Accesskeys: us	sage against quota	5					
Accesskey		Enabled	Dataset	Enrolments	Quota	Verifs today	Quota
af484bb6-676b-4b33-a7	3d-bc2ae51161bd	enabled	devconnect	7	0	92	0

The access key is displayed for the **Dataset** that was created during the initial installation.

VoiSentry, vaculab						Node [Logged	1551952146] Hos d in as [tenant] Ro	name (as le (Tenan	t-15519! []	52146]
Status Monitor Service Management Account Ac	Status Monitor Service Management Account Administration Change Password Logout								Logout	
Manage Access keys										
List Access keys Create an Access key										
Access key	Dataset	Note	used/max Enrols	used/max Verifs	Edit	Enabled	Created	Ву	Del	
af484bb6-676b-4b33-a73d-bc2ae51161bd	devconnect		7/0	92/0	edit	enabled (dis)	07-03-19 13:47:56	tenant	del	

On closer inspection this Access key should be copied for use in Section 5.3.



7. Verification Steps

This section provides the steps that can be performed to verify correct configuration of Experience Portal with Aculab VoiSentry.

7.1. Make a call to the VoiSentry Voice Biometric Application

Make a call to the number associated with the VoiSentry Voice Biometrics application. This is the "Called Number" as per **Section 5.2**. The caller should be greeted by the application instructing the caller to participate in voice biometric enrolment and/or verification. Upon a successful verification the caller is then transferred to the "Agent Phone" as outlined in **Section 5.3**.

7.2. Verify VoiSentry Voice Biometric Application on Avaya Aura® Experience Portal

Log into Experience Portal as per Section 5.1.



Navigate to **System Configuration** \rightarrow **Applications** in the left window. The **VoiSentryDemo** application should be visible in the main window. Click on this application.

Αναγα		
Avaya Aura® Experience Po	rtal 7.2.1 (ExperiencePortal)	
Expand All Collapse All	You are here: Home > Syste	em Configuration > Applications
▼ User Management	Too are herer <u>Home</u> + byst	en comgetacon - Applicacons
Roles	Applications	
Users Login Options		
▼ Real-time Monitoring	This page displays the a	polications that are currently deployed on the Experience Portal system
System Monitor	This page displays the a	ppreadors that are carrently deployed on the Experience Fortal system.
Port Distribution		
▼ System Maintenance		
Audit Log Viewer	Name *	
Log Viewer		
Alarm Manager		http://10.10.41.16;7080/WorkAssignmentSolfSonvice
System Management Application Server	Oceana	Yes VoiceXML 3.5.0.0.6/Start
EPM Manager		
MPP Manager	Oceana2	Yes VoiceXML http://10.10.40.135:7080/WorkAssignmentSelfService/Start
Software Upgrade System Backup		
System Configuration	TestPG	Yes VoiceXML http://10.10.41.16/mpp/misc/avptestapp/intro.vxml
Applications		
MPP Servers	VoiSentryDemo	Ves VoiceXML http://10.10.41.16:7080/VoiSentryDemo/Start
SNMP	voisenti ybenio	voice//reintp///20120/4110//000/V0/SentryDento/Start
Speech Servers	Add Doloto Cla	ar MDD Cacho Clobal CAVc Holp
Zones	Add Delete Cie	an MPP Cache Global CAVS Help
T Cocumity		

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Click on Verify	opposite the	VoiceXML	URL.
-----------------	--------------	----------	------

Change Application
Use this page to change the configuration of an application.
Name: VoiSentryDemo
Enable: 💿 Yes 🔍 No
Type: VoiceXML V
Reserved SIP Calls: None Minimum Maximum
Requested:
URI
Single Single Icad Balance
VoiceXML URL: http://10.10.41.16:7080/VoiSentryDemo/Start Verify
Mutual Certificate Authentication: O Yes No
Basic Authentication: O Yes O No
Speech Servers
ASR: No ASR V
TTS: No TTS V
Application Launch
Inbound Inbound Default Outbound
Number O Number Range URI
Called Number: Add
2909
Remove
Encoch Parameters
Reporting Parameters
Advanced Parameters >
Save Apply Cancel Help

A new web page should be opened showing the page below stating **You have reached the application successfully**. This is a successful verification of the application.

A Experience Portal Ma ×	🗅 Form Start	K 🗋 /manager	× 🗅 /manager	× 🗅 /manager	× 🖉 Manage Access keys × 🕂	- 0 ×
\leftrightarrow \rightarrow C (i) Not set	ecure 10.10.41.16:7080/V	/oiSentryDemo/Start				☆ 🕑 :
Apps 🕒 Suggested Site	es 🔜 Imported From IE	A Oceana Login A	RealTime Login 🛛 🗛 SupervisorLog	in 🔼 RT LOGIN 🗋 An	alytics Historical	
						AVAYA
You have reached the ap	plication successfully.					

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7.3. Verify the status of VoiSentry

Logging into the VoiSentry web page using the admin credentials will display a status page upon login. Navigate to **https://VoiSentryServer/login** and enter the appropriate credentials and click on **Login**.

← → C ▲ Not secure	https://10.10.40.125/login					☆	P :
Apps b Suggested Sites	Imported From IE 🚺 Oceana Login	RealTime Login	SupervisorLogin	RT LOGIN	Analytics Historical		
VoiSent	y _{vaculab}				Node [155195214 4 Logged in as [] F) Hostname [ast-1551952146] ole []	
Cluster Login							
Please enter your Userna	me and Password.						
Username:	admin						
Password:	••••••						
	Login						

The **Status Monitor** shows that the cluster is **Active** and **Available**.

VoiSentry,			S	System Messages Success: Node [1551952146] set "Active"				Node [1551952146] Hostname [ast-1551952146] Logged in as [admin] Role [Admin]		
Status Monitor	Service Manage	ement System Admi	inistration							Change Password Logout
Cluster: [A	vavaCluster	nodoc [4] at 45:40	1.49 This Node I	45540524461 otc	atod Mar	7 42-44-45		Idicabled	L Enrol modo (die	abled
Status	Access	Node ID	Node IP addr	Diek	Data	TDM		MaxT	Leartheat	Node Alerts
> Active	Available	1551952146	10.10.40.125	0.0%	0.00G	0	0.000	0.000	Mar 19 15:10:19	Node Alerts
>	1.21.2			13.40G	4.04G	0	0.000	0.000		
Node: NTP	status (as re	eported by this No	de) : NTP Synchron	ized at [15:10:1	9]					
Olympic II.	b K									
Node or Server	ences by lic	ence server Paddress:port	Availability (or Timeout		Enrolments	licensed	,	/erifications per d	av licensed
1551952146		0.10.40.125:7270	Available	, mileout		100000000	noensea	5	i000	ay noensea
Cluster: us	age against	licences	~							
Enrolments		10000000	% u:	sed	Verit	s today		5000	sed	% used
1		10000000	0		52			5000		
Tenant: us	age against	quotas								
Tenant	Enabled	Enrolments	Q	uota	% used		Verifs today		Quota	% used
tenant	enabled	7	0				92		0	
Datasets: I	oy tenant									
Tenant	Dataset	Enrolments	Tenai	nt Datase	t	Enrolments	II.	Tenan	t Dataset	Enrolments
tenant	devconnect	7	Ш				I			
Accesskeys: usage against quotas										
Accesskey		En	abled Datas	et Tena	int	Enrolme	ents	Quota	Verifs toda	ay Quota
af484bb6-676b-4b	33-a73d-bc2ae5	51161bd ena	ibled devcor	nnect tenan	t	7		0	92	0
Cluster: account logins										
Node ID	Login	From IP	Last A	ccess		Node ID	Log	in	From IP	Last Access
1551952146	admin	10.10.40.24	1 15:10:14	(00:00)	-					

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8. Conclusion

These Application Notes describe the configuration steps required for VoiSentry to successfully interoperate with Avaya Aura® Experience Portal R7.2.1 and Avaya Aura® Communication Manager R8.0. All feature functionality and serviceability test cases were completed successfully, with any issues and observations noted in **Section 2.2**.

9. Additional References

This section references the Avaya and VoiSentry product documentation that are relevant to these Application Notes.

Product documentation for Avaya products may be found at <u>https://support.avaya.com</u>.

- Avaya Aura® Experience Portal Overview and Specification
- Deploying Avaya Aura® Experience Portal in an Avaya Customer Experience Virtualized Environment Release 7.2 Issue 1 July 2017
- Administering Avaya Aura® Communication Manager, Document ID 03-300509
- Avaya Aura® Communication Manager Feature Description and Implementation, Document ID 555-245-205

Product documentation for VoiSentry can be obtained from the website www.aculab.com

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